

10-12-1861

Jefferson Medical College Session 1861-1862 Philadelphia.

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Jefferson Medical College

Session 1861-62.

Pharmacology

D. 3576

Ααβδ Β. Ουιδλοο.

1761

62 59 47

Bleeding 1. relieves heart. 2. relieves part
 3. diminishes fibres.

Saturday Oct 12th 1861. Clinic

Jeff. — Dr. Meigs & Gross,

Blowing soap bubbles is often good
 for exercise to lungs. A case of
 hydremia: give iron, the perox-
 ide of iron after meals not if
 food has not been eaten. Carbonate
 of Iron precipitated. For Syphilis
 $KI + Cl_2Hg$. — Hospital Med.

Bones from Dr. Gardiner,

Rooster, 1, 2, 3, 4, 5, 6.

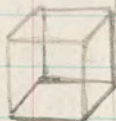
Monday,

Tuesday, Di. Gr. Ba. Pa. Mi. Dunc.
 Me. Clinic. Me. ~~PM~~

Thurs.

Fri.

Sat.



Preparat.

PA. & Co. soldered with Au a *Museum*

Dr. J. S. Dickson - Sunday
Practice of Medicine. ^{but} 15th, 1901.

discussing ^{prevention} ^{of} ^{disease} ^{and} ^{functioning} ^{of} ^{organs}

Read preparatory matter for
Each Eng. Repeat again.

Disease - Condition abnormal, ⁱⁿ ^{ferious} ^{and} ^{progressive}. Abnormal.

(2) Chinese type - average
healthy condition; diagnosed.

hygiene. ~~Scientific~~ pathology.
Gross Surgery.

631 (winter 08). 5 1/2. &
Cinn. Ohio. Surgery, proper.

Spent time, military.

9:30 - 11:30 A.M.

Inflammation (Irritation
Congestion not nec.). permatia ac-

tion of a part, with discolora-
tion swelling heat pain disor-

der functions tending to the part
at diffusion. He was once
Cinn. Ohio. Dem. of Anat. 5 1/2. 187

analysis of Hudson. Crystallization
 3 hrs. dissect. loss of function
 more important & deposition.
 textual change, healthy & un-
 healthy, latent, arable, acute
 Chronic. As to Achilles, Subcu-
 taneous. Haemorrhage, fungus (Hro
 Meyer, J.). Bachic. Chemistry.
 Physics, phenomena of matter.
 Influence of matter = Reaction in-
 teraction. Masses and particles.

Phenomena depend on Reaction	or in Particles	3. Particles with Particles	Chemistry	one kind many light and way of the
------------------------------------	--------------------	-----------------------------------	-----------	---

Masses & Particles, Physics & Masses, Par-
 ticles & particles. Looked at Law, Phil
 M & M. - M & P. Mahim & Philosophy
 P & P, Chemistry, dead or inorganic.
 Mathematically infinitely divisible.
 Physically indivisible. no joints
 in them. Essential & non-essential.
 Extension, Impenetrability, Indestruct-
 ibility. - Opacity, Transparency,
 Color, Relative N. Porosity, Com...

possibility, ^{apparent} Elasticity, Atom. at-
 traction, Repulsion, Action generic.
 Imponderable. Ponderable Im-
 ponderable. Light, Heat, Elec-
 tricity, & Magnetism. Imponderable
 alone show repulsion, Ponderable
 " show attraction. ~~Light~~ obey grav,
 1st, do not.

	Matter,	Reaction,	
Physical concerned with phenomena, of matter	Masses,	$M + M,$	Med. Phil.
	Particles	$M + P,$	
		$P + P,$	

to be joined to top of one
 on opposite page of this
 leaf. 1. At. 2. Chem. 3. Res. 4. Imp. on

Pancoast, Anatomy. Basilar.
 206 bones in the human body.
 1. physical. 2. Chemical. 3. mode
 of organization & growth. Bones
 have hardness, elasticity, old per-
 son's sort bleach. Young ones not
 perfectly white, Reddish natural

Cartilage, - 32.
 Blood vessels, 01.
 Cal, P₂O₅, 51. Berzelius,
 Cal, CO₂, 11.
 Fluoride of Lime, 2.
 Phos. Magnesia, 17.
 Soda, Chloride of Sodium, 20.

~~Silyx~~
 color. ~~1/2~~ 1. broad, 2. long, 3. thick,
 4. irregular - coccygic, inch across
 here some irregular inch across middle.

~~Muriatic acid~~ Muriatic acid takes
 away earthy elements. Bismuth takes
 away animal matter. Old bone fragile,
 much Cal, CO₂. In old people
 fall. Consequent upon fracture.
~~Rickets~~ Fragilitas ~~osium~~, Mollitas
~~osium~~. Bones are organized, heal-
 ing no sensibility.

Up, In, In,

Down, red, Sat of med.
 Physiology, embryology applied - Inst.

Penna. Hospital, Oct, 16th, 1861.

Dr. J. F. Meigs & G. W. Norris.

28th of August, albuminous wine.
wine. Gallic acid 5 grs. in
pills before meals.
Murray's mixture of iron 25 drops,
disease of the kidneys.

Iron foundry man. $\text{RO}, 2\text{CO}_2$,
+ Benzoic acid, pains in right
leg. then turpentine, former
not helping it. Corrosive Sub. +
KI. Some morphia,

49 yrs. woman, jaundice deep,
21st. Sept. generally well dis-
tention of lower $\frac{2}{3}$ rd. abdomen.
Stools white 3 times a day.

Cancer of *Spirchus*, in pancreas,
he died. Attention of bile,

Cancer of esophagus -
Morris Fracture of thigh,

Jeff. Clinic, Dr. C. S. Meigs

Case of Rheumatism. No albumen
in urine by heat. 20 lbs

Blood in body. ~~10 grains~~: Malayation.

girl 11, vomiting ~~continually~~ after
taking food. Colonel, gum guda-
cum. Lo mineral, - Plummer's pills

Pinch of rhubarb pills every
other night. } laboring ^{immatured} man, 24 yrs
old, weighs 20 lbs, less than formerly
genital organs. Excessive discharge.

1/2 oz. prec. carburetted iron. 3
times a day. X rhubarb pills during
a week.

Age 29. Married, stops
Chewing tobacco, Nicotine. Affects
heart. } Dr. Gross. Bernard Willen

Ulcer on right tonsil. destroyed, roof of
palate involved, acid nitrate of
Hg. 1 drachm (solution) 8 of HO.

Wash parts. } Waldeman, 24 yrs age
10 months duration, chronic abscess.

Subcutaneous operation. Prochar,
scrofulous, yellowish green. Differs
from ordinary pus. Separates like
milk, if kept standing. great
Compress. Refer in book. Mrs. Miller

56 yr old, 1 Delaware, Scirrhous

rather, mammary gland. Small
orange largest. Sharp pain. —
Chloroform clothes loose, empty
stomach. Boy, Geo. Harvey,
12 1/2 years old. Tumor large,
ulcerated surfaces. 6 months of
age came on distinct swelling,
Congenital most probably. Cystic
at first. In the infant cases re-
ported, now considerably solid.
Not malignant, probably connected
with spine. Serous fluid found
in char.

Dr. Kemp.

In a piece of under maxilla
matter (os sacrum.) lumpy bone
that could not be crushed, among
kind of reversion among feet.
(2). Sacrum in triangle
4 inches on each side, coccyx
1 1/2 in. long, 5 1/2 in. all. 13
on middle, 1 1/2 anterior.

~~acetic~~ ~~1875~~ Mitchell.

Spinn in dysenteric

Headland Stephens,

(Lindsay & Blackiston),
Class 1, Poemata

1. Restaurantis

2. Catalytica

~~Rest~~

Class 2. Neurotica

1. Stimulantia

2. Narcotica

3. Sedantia

4. Anesthetica

~~Class~~ Eliminantia Class 3.

Diuretica &c

60 Drops of Drachm.

Oct 17th 1875, Dickson.

Static & dynamic disease
(palpable) probably dynamic
Precedes all other changes

disease may not be obvious ^{vis.} Epilepsy,
Malaria. Tendency constitutes disease
organic & functional, function &
structure ^{sometimes} are irrelevant, org.
Dead body & Knife discovers something,
funer. " " " " " nothing.
Sensory System liable to latter.
Typical & atypical, periods &
non periods. Rhythmic & non rhythmic.
acute & chronic, forms & types
determining name. fevers are
acute if for months. Acute may
be based on a chronic affection.
hectic on tuberculosis. diseases are
entities & non-entities. Is disease
& ~~is~~ an error. There's perver-
sional action. - Hygiene, Patho-
logy, generally must give
Cause, not treat as mere symptoms.
Remote & proximate. That con-
stitutes circumstance cause which deter-
mines the specific charac-
ter in an individual, as
effects of wind & exposure.

Remote are efficient Causes, 1. Poisons ~~specific~~. 2. Diversified influence. Passive & active - exciting & predisposing. (I am not liable to malaria.)

Gross. Epidemic, hair & nails some say exceptions, Inflammation is local at 1st. acute & chronic. Healthy & unhealthy, wounds ^(cutaneous) heals by inf, common & specific, latter gen. only once in same individual.

Visible inflam. Latent, vis. typhoid. be sure of Diagnosis. redness gen. unmarked, not uniform, sclerotic lilac inflam. conjunctiva gives scarlet, Iris brick red. Erysipelas yellowish, Sec. Syph. copper, enlargement of lymphatic vessels. Discoloration from swelling greatest where cellular substance greatest. Effusion of serum, plastic matter, pus or blood & heat. Some said never went above heat of central ^{Hunter} region, but not so. Unusual irritations will do. Probably friction of blood some through

Capillaries. Bache! Repulsion,
Particular self-^{repulsion} ~~XXXXXXXXXX~~. Light may
attract heat. Attraction bet. ponder-
able + imponderable, 2. Im-
ponderable substances, L. J.
E. M. Light dismissed. Heat
Caloric fluidity vital actions. Re-
spiration 1. motion + agencies
in this. 2. ways to reach + to
equil. 3. comparison, in
diff. bod. 4. Changes prod,
by this. 5. Instruments to
measure intensity. Phenom.
depend on motion. Effects. Each
body takes diff. prop. of heat
at same temp. Cap. w. its cal-
oric holding power at same
temp. dec. cap. you get
less heat, it flows out.
1. Condensation, Light hindered
by compression of air. 10th degree
in gold + in silver don't show
same amt. of heat, 2. Chem-
ical changes. Combustion

Produces caloric, $H_2O + SO_3$ give
heat. Closer together, galvanism
hard to show decrease in heat? Rub-
bing sticks together, (also Fe), in-
crease of cap. makes cred for
it takes away caloric, crys-
talline. Cold from decrease of heat.
Ether & water on air pump.

Pancoast. Anatomy. Muscles
bones. Eject blood. Show blood vessels
veins foramina > arterial. In-
Arthous foramina. in thigh & leg
run in opposite directions. depend
on position of foetus. A pair
ly in sawing, peristylem, vascular.
Can develop new bones. peridermis
Marrow will, sustain in sterna-
tion or indigestion. Membrane on
this ~~quadrilateral~~ membrane. In
cells. Intercap artery goes to marrow
from ant. foram. head of bone
too vascular to necrose, may
have caries. - cartilage cells
disappear, make Haversian
canals, hyaline substance

becomes true bone cartilage,
with bone corpuscles. Length by
cartilage bet. Epiphyses +
shaft. very vascular. Disease
may retard ossific. + ~~to lengthen~~
lengthen bone. Membranes unite
limb. bone to skull bones. Peri-
osteum determines form of bone,
inner layer of periosteum
two that in middle will
not grow apart, diastasis
from true fracture.

Mitchell, Præcavenda idio-
synchrony. Change of reme-
dies needed. right & wrong
time for administering chel-
lene. Headland's classifi-
cation. Tokens, weights, in
prescriptions. p. 1145. Medical
Chirurg. Res. 1860. Grass Journal.
Burgundy pitch, form of
pitch. Chies, clear fra-
cture. distinguish from green
twiss + from alabastrina

pills in diarrhoea as stimulant. in
winter brittle. plaster for cholera
in sum. in 183 - Heat it till
liquid, don't burn it. Not much
good, sometimes harm. Abies
- pinus. Good for back with. cantheri-
des. 2. Larch (Abies.) for pur-
pura hemorrhagica, 3. ⁴ Ab-
sinthium, yosmigoon. don't
put it in sun. In loth. In-
fusion decoction latter bottle
Jomes cold or hot. oil, ex-
tract, antihelmintic. 4.
Acacia - pulv. Mimosa goni-
loica. Gum Senegal. 5 to
be powdered in larger pieces.
Impure, powder make mucil-
lage. Not in alcohol or ethers.
4oz. gum arabic in pt. of H₂O
(not) mucilage. has N. very mu-
-cinous, demulcent. berberis
fetidus, gonorrhoea. Chalk
pulep. Chalk + arabic soothe.
Use as much as a as possible

gets as medium bet. oil & H₂O.
 Good in Scalds; Paint over &
 over, Colloidal good for that,
 latter has ether, Cerasin Cherry,
 gum not soluble in H₂O. Streptococcus
 1 Japan earth, wood, catechu,
 show gstringent. Color, don't mind,
 gargle, mixture, fissured
Ripples. Dunghison.

	functions:	A living
	Digestion,	being
	Absorption,	is
Organic,	Respiration	born,
Vascular	Circulation	nowishes,
or	Secretion	reproduces,
substituted,	Nutrition,	&
	Salivation	dies.
Animal	Reproduction	
	Sensation,	physiol
Animal	Intelligence,	agn
III	Voluntary	motion.
	applied,	
Mentula oblongata		III

for keepin' on, Organic + Non-
Organic, spontaneous genera-
tion can not be, on the virgins
of or, organic - common to vege-
table + animal, Nervous System
needed in animals - No "4" "14"
in vegetable. } Oct, 18th, 1861.

Dickson, Medicines are essentially
harmful. Destructive not of the
market, Sea-sickness, Tobacco,
affecting differently, Excess, Ha-
bitual ~~food~~ Habituous,
Predisposition, State of discharge,
+ Specific no warning, - Seat
Medicines may act on different
parts of the frame. General
effects or specific effects of
Wd + Gout general, Carcinoma
honal affections, Consider
seat of disease, 1, then, 2, bone,
pain does not always indicate seat,
Hip will hurt knee joint some
times. 1, Empirical, 2, Scientific
counteract effect, Symptoms are
effects. don't believe allo-

1. Cause. 2. Phenomena. 3. Morbid anatomy.
Met. Some hurtful things, which
be eliminated its fact as taken
in. Tobacco, all diseases inju-
rious essentially, disease not al-
ways shown in dead body, mor-
bid anatomy, not retrospective
but prospective. — Classif.

Physiology of Goode. 1. Circu-
latory system. 2. Digestive

system. Cross, Heat
100 higher often. Paris, degree

& Character: lungs dull, heavy,
pleurisy, sharp, lanceolating,
when a buzzing, more severe
at night. Dr. Syph. especially

so. Fever in covering than in
tissue of an organ. Paris not
in seat of inflammation. Often like

pain in left shoulder, pain
may be not to be regarded
or you may again give
anodynes. ^{and} strangled hae-
mia, sudden cessation of pain.
bad sign, modified. Pain

produced from effused fluids &
tension of vessels. Venous
discharge, the healthy state of brain
is a fine gran. mov. of pain
Pain is throbbing, new & abraded
to low inflow, change of position, tooth
ache. Pain of inflammation. ² of pain
2. belly ache not changed by posture
Pain a sentinel. Disordered function
bone in, like insects gnawing. Pain
tooth's not bearing. symptoms
four. Idiopathic or traumatic
the, 35 to 42 °, rule in 24
hr. | Bache. Dilatation, gives
cold \rightarrow in, Injurious mixture.
Ward got 91 ° 2. At rest. Three
ways, 1. radiation, 2. conduction,
3. convection, (circulating), radi-
ant heat, Law of loss of temp.
given rate of rad. depends on radi-
ating body, Conductivity & color of
surface alter the same body
power of heat: 156 wts. in
no reflection sphere boiling
half temp. 81 wts. blackened.

black > bright radiation. rad.
 heat is. have nutties? absorb & re-
 flect. translucent. rock salt
 good radiators are good absor-
 bents, reflecting

angl. reflex: angl. inc. radiating
 reflection with reflector. red hot
 Cannon ball, parallel rays.



Conductors of metals, piles
 dollar. + Atty, Ar, Cu, Fe, Pt
 + brick, pottery, then silk
 in order. Liquids poor, gases
 not at all. 3. Conduction

in liquids fluids, (liquids
 & gases,).

Cartilage Paracoact
 fibro-cartilage, cells & uveinible, dense, proteid
 fibres cartilages not vascular

Other Chinese Paracoact
 show results. cell - Paracoact
 ex. Man in adult. Original Paracoact
 use, have formation stopped. Paracoact
 necros. Paracoact cartilages.

synovial, absorbent (lymph.) vessels,
 originally over whole head of bone
 then give away to margin of art.
 Eye, Epiphyseal lamina over
 head to which flat attached in am-
 putation. Never over cartilage. Di-
 arthrosis, diarthrosis, amphiar-
 throsis, Synarthrosis. Liga-
 ment stronger than bone. They
 are organized. sprain = fracture
 of a ligament. Tendon cut will feel
 loose, does. Inextensible. Diseases
 of shaft don't often extend to epi-
 physis. - yellow elastic, strong
 as bullocks. Meigs. 5 pairs in
sacrum right oblique pelvis, in
 lower wing-like. 3 lbs. acet,
 18 lines $\frac{2}{5}$ to ischium $5\frac{1}{5}$ to pubis
 Spanish barber's basin. 4, 8, 11. -
 Catecomby from the Indies 17 yrs.
 of age pelvis. $2\frac{1}{4}$ $1\frac{1}{4}$ in $\frac{1}{4}$
 height of ob. cond. $1\frac{1}{4}$ in $\frac{1}{4}$
 linea des-pectoria, brim
 inlet, horizontal, a. somital.

two charts & a series of diagrams
process point of departure.

Digestion,

Ultimate element always present,
O, H, C, N,

Ult. elements usually in small ^{proportion}
Cl, F, Br, I, S, P, K, Na,
Ca, Magnesium, Silicon, Fe,
Manganese, Primary fibres.

Arterial, (Gelatinous.)

Muscular, (Fibrous.)

Nervous, (Fat albumen),

Organic or (Albumen.)

Compound elements, } Globulin.

Casein.

Gelatin, &c.

Constituents of solids,
1. nuclei or cell-germs.
2. cells, primary or elementary.

3. Filaments or Fibrils.
 4. Fibres. ^(elementary fibrils) - Fibres in body
 2/3 1/3 Solid. all life in solid
 originally. Solidity. Erroneous
 idea elementary globules. All Cell
 doctrine lately art. Schivann.
 All has living force of excitation
 & suction. Arteries & ^{showing} frame-
 work of body. III. Easily
 communicating, elasticity,
 flexibility, extensibility.

Penna. Hospital. Oct. 19th.
 Dr. J. H. Meigs. Dr. Me.
 Deamaw 37, Rheumatism, Key
 West, Hatteras. Chill, very sensitive
 hand. 3 weeks standing, no fever.
 good appetite. In left hand, pain
 both in right hand, right shoulder
 & neck. Is connected with gonor-
 rhea, don't wander as arthri-
 tis rheumatism. Lactic acid
 in excess in blood probably because
 of acute rheumatism. K1
 + Cl. Hatteras, a Dan.

6 weeks here, rheumatism in 2
joints fixed, scarcely any fever.
36 years age. Chloride of Pyramine
Acetate of KO 15 grms

4 grms. Dover's powder at night
mercurial ointment. gonorrhoea.
Cl₂ Hg + KI, Some citrate of
Iron. [26 yrs. ^{young} St. Thomas
Chills, Potash. Intermittent, gin-
nive & opium] Dr. Norris
gun shot wounds, are written

Jeff. clinic Oct. 19th C.D. Mex
M.D. Feeling of suffocation in
throat, woman. Nitrate of silver
can be used without burning, allow
oral state, Pepper gargle. or
nitrate of silver with hair brush
2 grms. in $\frac{1}{2}$ of distilled H₂O.
anti-phlogistic. 5 1/2 3 1/2 1 1/2
womb, when short. - - -

5 times a day globes.
hysterical, hysterical radiation
shock, chokes, 52 or 53. eye

(vaccine virus runs 16 days, it
height at 9th. day.) wheel-
wright, vertigo, ineffectual action of
two sides of brain - hemiparesis

a. Dr. Gross, aneurism of pop-
liteal artery, Jus. Rader 45 yrs.
Age. 5 drops 4 times a day.
Involuntary vomiting, allay
heart's action, pulsation had
ceased, absorption going on. Pres-
sure - digital & mechanical com-
pression. John Flinn aged 26

years, 9 months, Flinn
wounds destroyed - syphilis.
Acid Nitrate of HgO as tonic
Bernard Kellen, close on a year.

falling of the hair, syphilitic,
foul ulcer of mouth, greater pain
at night, Ergons. R. K. 1 to
1 gm. Cor. Sybl. Medicine
given to develop diagnosis. 3

Jus. w. 24 hrs. Herkady syphilis.
Jno. Hays, 27 yrs. of age.
milk maker. Married. Swollen

Swelling in groin, over Pons
part ligament. hard, indurated,
with a foot ~~may~~ produce this
pubo. (?) always accompanied
with chancere! No two kinds of
chancere, incision in line of
Pons part ligament. Sugar of
lead with cloths antimonial mixture
heat as inflammation. CuO, 5.0
stimulant to part. Obstruction
of nasal duct, girl aged 16, in
inflammation of mucous surface
open into lachrymal sac, put
in. Pusge, in dark room, no heat.
If swelling, anodyne, & a leech.

W. C. C. C.

Acacia, Catechu, concludes. Acacia
Tingis how formed convenient
remedy - Astringent, cooling, astringent,
Use. in with the rhubarb.
before lemon juice. Burning
scalds cured by it, Disbled
gas. Acetic acid, how they
buffer - vesicant power of

acetic acid - Escharotic uses - Poly-
valent acid - How it is pro-
duced, how it differs from Acetic
acid & Vinegar - Antiseptic proper-
ties of - Disinfectant, other uses
of - Poisons by all forms of vine-
gar Antidote - Alteration by
Sulphuric acid detection -
Benzoic acid - Other names -
Solid acid - Sensible qualities
Gum benzoic, the acid, how got
from the gum - uses of the gum
or resin, Compound structure of
Benzoic acid & Mesas Paroic
- Cascarilla = *Aspidosiphonia* ^{Elixer}
incomp. with spirit of ^{specia-}
caustica, *Acidum* ^{for water}
benzoicum, *colchicum*
for gout, ~~Vinegar~~ ³
~~Jalap~~ ^{flour}
and scraped potatoes also for
Scalds & Burns, 5 senses,
Acetic acid for chancres, mer-

curial ointment, Pyroligne-
ous acid with white of egg good
for fissured nipples. Attend to
digestion, good for ringworm,
Scarlatina maligna, Gargles,
Magnesia good for anthrax to ring
poison, muriate of barite defects

80g in vinegar. Meigs, false
of true pelvis. Incurva - Lac o-
ischialic notch.) axis inclined
with length of plane of upper
strait 4 1/2 in. about. Card's Dredge
Saxony bar put compass leg at
symphysis pubis, (2 inches radius,
antero posterior diam, 4 inches,
(superior strait.), transverse
diam of " " 4 1/2 in.

3 88 in, smallest diam, of
¹⁰⁰ Child's head, diagonal diam.
of superior strait 5 in. Inferior
strait antero-posterior diam.
4 1/2, transverse 4 in. Sacro-
vertical angle.

Dickson Oct. 21st. 1861.
vitalist, humoral. ^{Disease incubates.} Nervous & cir-
culatory. ^{Dead into living matter by di-}
^{Blood is affected by diet.} gestion. — 1. circulatory, Phenom
objective & subjective. 1. You can ap-
preciate 2. You cannot appreciate (Got
found patient.). Circulatory are objec-
tive & humoral are subjective matter,
& construction, Pulse, haematology,
white corpuscles + cause of death,
foreign matters in blood, living ac-
tion dies. non-elimination cause of
disease, infant 140, man 70, irreg-
lar, ^{& humoral.} something wrong. ^{gastro} gastro not
full, liver not full, pleura bronchitis
full, hard bounding. Cant make
especial laws, hard full soft want
of elasticity in artery ^{had}, op-
pressed pulse haemostasis, depressed
pulse, 1st 2nd 3rd 4th. at the
beginning of disease, but later.
Dr. Gross. Surgery, special
leaves affected. ^{thirst} Thirst, Exa-
sation with tendency to cell forma-
tion denominated Chlorides. ^{quick} quick

A frequent pulse differs, vibratory
hard, full, symptomatic fever. There
are naturally slow & naturally frequent
beats. Women > men. Peritonitis
hard, very, vesperal exacerbation.

Natural. Fibrous: blood :: 3 :: 1000.

White: red corp. :: 1 :: 2000 or 300. increase

of two latter in high inflammation, buff-

ly coat, fibrous naturally colorless.

red globules scarce, fibrous rises to top.

if cup conthow (severe) both above

low as both below. May occur in acute

inflamm. hard run horse, in pregnancy.

in ~~convenia~~. Causes 1. predisposing.

2. exciting. Climate cause of this, all

dep. " " everything. - spread. 1.

continuity of structure. 2. contiguous

ly. (sympathetic) ~~4~~ blood

(all are local at 1st.) ~~5~~ lymphatics.

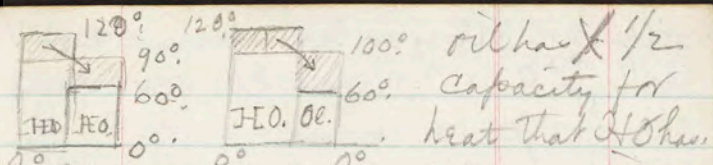
res. No spontaneous generation

of inflammation. | Bache

Relative heats in different

bodies at same temp. (same heats).

Graphs.) which is capacity.



oil heat 1/2
Capacity for
heat that H₂O has.

370	497
360	496
350	495
340	494
330	493
320	492
310	491
300	490
290	489
280	488

standards for solids & liquids. Air is a vapor & gases. Bulk or volume is applied to gases, solids & liq. in equal totos, absolute heat

4. Changes produced by caloric. (1. change in bulk, 2. state of aggregation, 1.1. no change in

state & net in bulk, as solids, liquids & gases, change least in sol. & increase

of expansion. among solids metals most compound bar. & Zinc, Pb,

Pt, Cu, Fe, Platinum, vibrating bar, Expansion in given temp. is greater

if higher on scale. - liq. differ in expansibility. alcohol > water.

more a liquid exp. when heating the lower is its boiling point, alcohol

at 176°, H₂O at 656° } Paracoast.

flat boxes developed like two membranes. now 120 mm. no sutures

diplous. vitreous table inner more
CaO, PO₅. Reverse never from inside
too brittle, but membrane acts like
cement, separate. 1. for partitioning
2. for shape. Occipital have tubercles for
growings to strengthen. 8 bones
in skull. ossa triquetra,
hydrocephalus. coronal & lamb.
dorsal, ^{four} sagittal, 1 frontal,
anterior fontanelle. ^{post}

frontal boss. No nasal boss in
child. high forehead from roof
above, development sometimes
No frontal sinuses in children
bleeding at nose takes off
blood from longitudinal sinus,
helps congested brain. Meigs.

4 in. 10 lines long diam. Child's
largest head diam head, 5 in.
Coccyx has some part of
retrocession. ~~transverse~~

inclination of plane $\frac{1}{4}$ in.
3 $\frac{1}{2}$ inches, 25 $\frac{1}{4}$ in.

used in a bag. when a Speculum
 Exam. is to be made by appointment
 Let it that woman does not urinate
 some hours at least before for bladder
 will force or urinate down. tell her
 to use the levator cord.

Dampston

Tubes filled with
 Sand / powdered glass, / Saw dust,
 3 mmers

in alcohol	85	175	125
water	175	182	60

Salines

alkaline

Mixture of

~~Lot~~ Morphine, ~~dm~~ " ~~loose~~
 25. yellow ~~cut~~ of other tubes

combination, hygro-metric prop-
 erty when air is warm we deal
 with moisture. Linseed oil & blue
 water (soapy) apply to rag, or
 raw cotton for burns, - of pa-
 of absorbing water when atmos-
 phere wet. Turpentine, oil &
 wax for burns, imbibition

Transudation, exosmosis &
Exosmosis. Capillary attraction,
If it were wet to (has affinity
for it) it will rise. Miscible,
belongs to inorganic as to organic
bladder over a vessel with alcohol
& water will allow also
water to go out. Keeps alcohol
in, gum opposite.

Dickson. Tuesday October 2nd
Some medicines act directly on the
blood, disintegrating it. Medi-
an atoms of purulent matter, another
being in small-pox and her
foetus had small-pox waters
she herself escaping it. Reach-
es blood by absorption from with-
out. Medicines may act dy-
namically by their presence
& not making manifest change.
have an acute sense of touch.
But not always a true red cross

Perion. Distribution. no general
 hyperemia of plethoric cellular
 tissue, result of irritation &
 congestion of capillaries & arterioles.
 none of hyperemia is not
 always disease, as flush
 etc. passive & active.

Spleen easily yields. Blood driven
 to certain parts not benefit for.

Congestion when nothing but abundance
 no change in production, secretion
 in local parts. Irritation must
 be added to make inflammation.

Irritation may be without inflam. sneezing etc.
 Inflamm. shown in contractile & sensitive
 tissues. Pain & Spasm. inflexible tube
 compares with greater amt. of resistance
 than flexible tube. Contractions then
 Expansions. Centres of stagnation.



stagnation
 circulation
 congestion

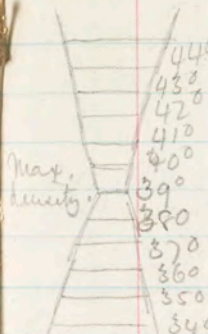
Then Equilibrium,
 throbbing

Dr. Gross. Capillaries
 minute tubes bet. the
 arteries & veins. One displays
 red color of blood, and does

Ejecting Cause 1. Chemical. 2. Constitutional.
 3. Mechanical.
 Not transparent ^{conv.} ~~Concrements~~ particles. no ^{larger} ~~concrements~~ flattened
 spheres, white ^{conv.} ~~few~~ ^{larger} ~~rounds~~, finely
 granulated surface. White ^{larger} ~~deep~~ ^{middle} ~~close~~
 No inner surface, red in ^{dilatation of} ~~interior~~ ^{middle} ~~of~~
 1st. in inflam. contraction in capillary.
 2. quick circ. 3. Stagnation. 4.
 Coats of vessels inflamed & ^{and} then
fatty degeneration, exudation
 frog's foot with alcohol, heart
 crossed by nervous sympathy, now
 red & white mix together, red & white
 both more flattened than usual,
 cohesive property increased. Change from
 scarlet to deep red. Vessels tortuous,
 effusions of contents, in density firm
 Extravasated. Serum, plastic matter, pus,
 pure blood. Nervous filaments
 much constricted probably cut off.
 All nerves, gives high congestion
 inflammation. gangrene.
 terminations 1. Life. 2. Death (of part). 3. In
 spasms, modification. — Treatment.
 1. Remove Cause, 2. Establish —
 ment of Part to healthy, first
 Nature of Part of action. When in
 latent inflam. treat it as general

principles. Remove cause of incident.

Baché, 3. gases & vapors, all expand alike with



same increment of temp, air at 32° if it gets to 330 has increased $\frac{1}{492}$ of its bulk. Makes abundance if carried out 492° below 32° F. P. none annihilate gas.

Solids are 1. Alumina contracts in fire. 2. Certain Crystals. Some sides will expand & others will contract. Liquid

Except 1. HO. 310 to 390 decrease by heat above 390 increases by heat.

Top of water at 39° ceases to sink. Kill all fishes, all trees would freeze. 2. Change of aggregation

changes from solid to liquid increase of bulk. Except ice in melting.

2. Cast iron in melting bulk less than when not melted. Crystalline matter all of these. Relations of Colours modified.

1. from solid to liquid temp may be constant for as heat comes in, capacity increases so $\rightarrow \leftarrow$ opposite forces. mix

1 lb. ice 32°

1 lb. water 172°

Mixture will be at 32° ^{diff 140°} when melted. this 140° is called latent heat. reflects the term. Increase of cap. makes it as much colder as a decrease of temp. makes it hotter. 1. gravity & cohesion oppose melting, melting & boiling points. 3. pressure of air of atmosphere resists, ^{140°} either boils at 104°. The force of vapor overcomes pressure of atmosphere.

1 pt. of water makes 1698 pts. of steam. ether will dissolve out water when boiling, relieve pressure of air it will boil if much heat is in it, boiling paradox. Panacea. Frontal 2, parietal 1, centre 2 ossification

foramen in parietal at anterior
inferior angle, artery cut trypine
skull file up foramen, sinus
ends in Coccyus foramen of
os frontis, longitudinal vein, if
leech back of head you affect
veins in sinus for foramina
go through. long. sinus lateral veins
(internal jugular, occipital)
arteries. foramen where inferior
occipital, long. sinus & lateral
perforate meet. not bet. condyles
& atlas, rotate bet. 1st & 2nd vert.

Temporal has superficial di-
visions squamous, petrous, mastoid,
dislocation of jaw. Mitchell,
ringed used in night sweats,
flooding, for chancres by a Ger-
man physician, Benford's
acid, in lumps. never in crystals.
in white scales. ~~Benford's~~ Benford's
resin + white gum + Benford's
acid agreeable odor, fragrant
fragrant, put gum powdered
into NaO, & CO₂ & non get

NaO, B. heat it to 225° or
sublime gum at 225° , good for a-
phonia, expectorant, good for colds
or hemorrhages. Bartsch's &
XXXVII, epistaxis, $\frac{3}{4}$ in pt.
of brandy. $\frac{1}{3}$ up nose arrest
epistaxis, $\frac{1}{2}$ $\frac{1}{3}$ up rectum,
good, in paronychia, Sunk. Op.
Campa: Diuretic; acts with
Copaiba. $\frac{1}{3}$ bleed with white
of egg, Lithia acid diathesis,
It is catalytic haematis. Never ap-
pear in urine. It is decomposed
superiorly by hippuric acid. - CO_2 ,
effervescing drinks, yeast good
for low fevers (Cl_2), ponetice.
 CO_2 injected into rectum in low
fevers, Grotto del Canosa, Cold
water poured from height, - some
counter-irritants. - Citric acid,
in quill, cranberry, Citrate of Na
soluble, add lime to lemon juice
make insoluble Citrate of lime
then add SO_3 . Prescribable.

alcohol (few drops) will keep lemon
juice, & curry. It will prevent
it from going rancid. 15 grains in table
spoonful of water does for lemon
juice. Dist. bet. citric & tartaric
acids. K_2O , CO_2 dissolved acid
in H_2O , insoluble with salt
of added cream of tartar if tar-
taric, but citrate are soluble.
Can act as an antacid, for mor-
bons acidity of stomach. Tonic
gone, mild acid. tonic. Not
for casual but for long, continued
sickness, ophthalmia sub-a-
cute, (concomitant), pleuritis, on
surface. - poison neutralize a-
cid.

Douglas's, corrigates
when turned corneification.
~~oil~~ oil for great factories at
Newland. depends on fluid
rising of mediums. Made
in greater, milk in case.
quantity of nature of the lip-
thine or temperature at

feels. Thicken blood to stop
haemorrhage. If a person
bleeding drinks freely water
will go at once to the blood,
give dry diet. bits of wa-
mouth, alcohol affects liver,
dyspepsia of abdomen. Remedies
Gambro's salt, MgO , CO_2 Ep-
som salts, NaO , CO_2 Cathar-
tic ~~in~~ ^{out}. ~~the~~ ^{the} ~~thinnes~~ ^{thinnes} fluid
watery evacuations, if with
diarrhoea give Morphine's
Mercurials, mix this with NaO ,
 SO_2 Current slower, retards
passage. acts other way on
diarrhoea, physical effect,
~~in~~ ^{out}. Curable will
not pass through. Serpents
poison in stomach inno-
cuous. Law applies to gases.
Dr. J. L. Mitchell
 CO_2 out in respiration
bladder in fish. Muscles
air in cavities

Pennsylvania Hospital Clinic,
Dr. Meigs, Oct. 23rd, 1861.

Seaman, diarrhoea, pains in his head,
fever, 12 or 14 ds. Day face colored
spots, gums very red, whitish ex-
udation ^{with} typhoid fever, mild case.
Dreams, mind heavy. Liquid
ammonia acetatis 10 drops ter-
quidie every 4 hours for dry-
ness of tongue. Diet, give milk
bread.

Seaman 20 yrs. of age.

18 mths. ago tumor in abdomen, symp-
toms of jaundice likely, dimness
of sight, urine deposited amor-
phous scales, coloring matter
of bile in urine in small quan-
tity. hypertrophy of liver, several
lobes enlarged.

Muriate of Ammonia, warm liver.

Dr. Leitch, boy 5 yrs. old, parents
have died of consumption, pains in
forehead, pulae full & slow, 6 p.m. to
vomiting,

constipated. strabismus. legs drawn up.
tuberculous meningitis. Convulsions
(not severe). cathartics, diuretics
KI. large brain. tubercles in serous
membrane. hydrocephalus acutus.
- Colonel. KI cured case. cold
liver, quiet, ~~if had headache~~

Dr. Norris / black man, frac-
ture of ulna.

Jeff. Clinic, Oct. 23rd 1861.

Dr. C. D. Meigs. / girl 13 yrs.
Augustine Leiser. Recent fever
at 6.00, nothing to do with this.
6 mths. ago taken. disengaged foot.
pale. hyperaesthesia: period when
she grew very fast. Period reached
an child's generally about 14 1/2.
trouble in intestinal tube, hy-
dremia, 100 grms. iron by
hydrogen, honey / pills made of
Q. S. 100 pills. after meals.

Dr. Gross / P.M. Margaret
Welch 56 years. Supra
non ~~de~~ ~~est~~. - Mar 9

Lupus rodens. Canis + quick
lime, or better, Ruffs. & arsenious
acid, iodide of Iron, Cinchona.

William Flood 4 weeks, club
foot, horse form,

little girl, discharge at arm
alternates with " from ear,
had measles. ^{not sufficiently supported.}
Chills arsenic.

~~James~~ Kirk, enlarged belly. Au-
gust great extension. Swelling to
feet ~~XXXX~~ visible since Nov 10
of May, disease of Mesenteric
ganglions. Soft Cancer most likely.
Give anodynes, nutritious food.
Iron, quinine, morphine. Must
die.

Patrick Riley, 12 mths.
touch opposite shoulder. left
hand in air, pain in neck, no
fracture of humerus, not dis-
located, severe sprain, 15 gms.
Dover's powder, anodyne
liniment, (2 3 Spirits of Am. in
this). hot water in stream
then cold. Friction. ^{humorous} fellow.

Isaac Miller 44 yrs. of age,
adhesion of arm to shoulder, could
not keep in proper position when
healing. Scarred Contract. Separable
by operation, prevent re-adhesion.
Cure it well without calomel. He

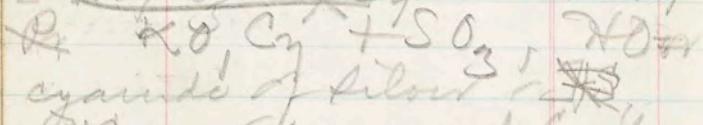
~~name~~ J. Merg. anterior co-
lumbar attaches wounds to pelvis,
(3 inches long), fundus $2\frac{1}{4}$ in above
neck (which is anchored). 40 oz. of
water a day (wine). ^{position} fundus depends
on state of bladder. Protrusion
when helped by use of levator
and, once took 65 ^{water} oz. from stomach
again, ligaments kohunda of
kneaded by full bladder. top
of wound is below plane of sup.
strut. $\frac{3}{4}$ tho. or $\frac{1}{2}$ inch. when blad-
der empty rises above, canal
of urethra $1\frac{1}{2}$ in. = height of sym-
physis, drawing of certain German
files bladder with coconut oil,
standing back of wound looks
forward & upwards. tent
and, also manual hand

cleo vs. perineal muscles.
"Bearing Down" - tetraarticular
cartilage, pubic ligaments, tri-
angular ligament at symphysis
pubis, Mitchell,

acidum Hydrocyanicum - Cyanide
of H. Prussic acid - why the change
of name - In what vegetable matters
found, sensible properties of the acid,
color, why kept in dark colored bottles,
peculiar odor - vapor injurious - Pure acid
medicinal acid - want of uniformity
in strength of, Ed. Frenche
Expectorant Symp. Dose of the medicinal acid.
Prach leaves the best form of using it, How

made.
Use irritable stomach - always
safe - use of the acid in asthma,
perthesia &c. also in irritable
stomach - External uses valuable,
poisonous action - Narcotic - how
to meet a case - Antidotes - To
detect the poison - How long after
death it may be detected - Anti-
dotal powders of the acids,
Caustics as in small quantities
as antiseptic - In large cases not

name from Prussian blue, wild
 cherry, peach, bitter almond,
 laurel water, pure color
 less, green stain from
 smell peach blossom,
 distilled, ~~3 to KO~~ ~~1/2 by~~



cyanide of silver ~~is~~
 H₂S over cyanide. Can't
 be relied on. Outlines are
 from Mitchell. I guess as
 in his note book. K_2O, C_2 -
 1/4 gm. dose for it. ~~1/2~~
 1/2 spot. 1 gm (Fe, C_2, K_2O) .
 Verbal, in stone, in the
 mixture fever, wine glass
 of peach leaf decoction,
 1/2 hrs, in cholera infantum,
 breast sedative. $CO_2 +$
 H_2C_2 poison cured by cold
 water, strength of chloride of
 soda gas, add it to so-
 lution of iron!

HCl 23 itching

Blepharospasm 13

10g scales for hemi-
crania. Acet.

Water 80g Morph. 4 grs.
acid in few drops Acetic

1 1/2 laurel water + 10 M

HCl acid, relief tustanta-
neous. - p 260 Brainthruite

~~XXVII~~, hips cod liver
oil, Coating End of tape

worm, - Symptoms heavy
heaviness on head. Chlorine sub-
bott. Chlorate of pot ash

Oct, Thursday fast day taken

Oct. 9th. 1861 from resume.

J. Dickson - phlegmology of ...

ever, can not afford severely -
acute, fevers show ^{irregular} morbid ^{dissemination} ^{blood}

1. Result of ^{distribution of} ^{disorder}

tree of sensorial & circula-

tion. 1. nervous. 2. nervous

fever & nervous fever. Do

Pathetic & Symptomatic & Local are
three in which the local disorder
is not the cause. In Symptomatic
is the cause, pyrexia are men-
struc bronchitis & has no any
connection with disease except
Coincidence? ~~2~~. One sharp pain
with depression coming after
~~it~~ not before, dysentery, syncope
prolapsed (2) fever may pre-
cede or follow. Some contend
that cholera has febrile & period
when continued. Periodic re-
current, typhoid progressive
may be periodic. Continuous fevers
not intermittent & not re-
current, Malarial fevers are
recurrent. Dickson.

Friday Oct. 25th, 1861.
type is used but entirely correctly
= chame. form increased on
a fever. Spalland knows
regard to type. He says types

Changeable. All the types of
fever depend on the Cause
Cause, fever comes from de-
bility chiefly seasonal. Yellow
fever generally takes down at once
acts on various forms organs
with much similarity. Latent
stage of fever = incubation of
inflammation. He believes we
may not be able to cut short fever
Heben cut short by baths, lau-
cel, leucine - opium. you
will can do it. Not to be
allowed to go on. Fever uses up
power of body. Yellow fever
has latent period of many
days. Malariad of it effects of
it goes off 21 days ^{years} ^{man safe}.
In Island longer than this.
- They come concurrent phe-
nomena, not as Cause & effect
but effects of 1st. Cause. not
not consequent of cold stage for
1. ~~not~~ hot ~~some~~ sometimes

without cold, vessels are paralysed. Sensitiveness to heat is increased. Greatest heat in yellow fever in unknown sea-tuna at surface (102°) In first after death 112°. Patient not so hot as he thinks he is. Nov 20, Oct.

24th 1861, Thursday, Luena, Coast, Treatment

1/2 pt. to 1 pt. of water, Pebrua-
 2. Calomel pills
 3. cleaning pt. 4. Panis
 5. Sp. helping

affect liver. Stimulate mus-
 ular fibres? Sutures deposed in

severe headache ^{nausea, other remedies} Pain in back
 not disease

Stomach! Discharge
 2. unlock se-

3. 4. help other remedies.
 not in peritonitis, cystitis, arachnitis.
 mor in fracture.

artery in 20 yrs. went to pits.
 3, best for children

Friday, Oct 25th 1861, Darter
 Sutures not to be given to weak or
 aged persons, 3. depressants

diminish heart's action. Dard

Full pulse. Reception of disease. Sutures. Strong constitution & blood.

Sutures. Blood.

Do not give largely in ignorance from bleeding if you fear he - action

to stop smearing, anodynes & registers.
For emetics, ipecac. 1/2 to 1/10
grs. 2 grs. ^{1 grs} tart. emet in 2 3

pot. 13 Dose, every hour 2 or 3
as impression is. If purging is
painful add Morphine, ^{stronger} aconite vera

or digitalis, alcoholic stru-
ture in use. Used 1st. as anti-
phlogistic. Dose 1, 2, 3, 4 or 5 m

1/2 hr 1/2 or 3 as imp., diminishes
heart's action. or vinid ture
from 8 m. I do not use dig-

italis. ^{Stomach} - lancet does better than all these
meds. FEQ. is given for same
purpose, to promote secretions.

to help other meds, to change
quality of blood. lancet, purga-
tion, mercury (or der), Hg, not

given in inflam of brain, form
colored, blue mass, adult 2 to
3 grs. even four or five times if

case severe, this will purge.
If action hard, give anodyne for
stru- tant to keep it in system,
In case mild, 1/2 grs. every 6
hrs. If griping, give Castor oil

gets rid of bile, which ^{purifies} HgO. Be careful about the
 Mercury, get Diisynorase, Donist
Salivate. Terrible abuse of it. Cook's
 pill (R. A. C.) terrible. Works on
 Mercury. Sometimes as an out-
 ment. Blue ointment at axilla
 & groin. Not by bare hand but by gloves.
 effect. Tongue turned teeth uneasy,
 breath fetid, taste metallic. Dis-
 continue or in small quantities. If
 salivation ensued, ^{Keep dry. Discontinue teeth} Acet. of Lead
^{Acet. of copper} 2 3 to 1 pt. of H2O, ^{Specie. dressing} with
KO, ClO5, ^{or internally} Alum. (Always in
 order of Excellence), gentle-
 netic. Leech of Swelling, fomen-
 tation. Skin dry. ^{in drug} naturally. H2O
 of ^{in drug} give Diaphoretic. ice water.
 in cold blanket. bitter than tepid. tar-
 tar emetic, ipecac. $\frac{1}{6}$, $\frac{1}{8}$ - $\frac{1}{20}$ grs.
 pain anodyne. opens pores. Dover's
 powder 10 grs. pills cold water
 after. sponging. Scarlet fever
 & measles in tepid water
 or cold 10 or 15 mts. tepid bath
 85° to 90° on to 112° hot.

Steam kind with warm not hot steam.

Duplications,
Functions that
concerns pre-
servations of
the Indi-
vidual.

2nd. of the species
Reproduction.

Bache. Oct. 24th,
on Thermometers
Breguet's measures
minute degrees of
heat, helix of two metals. at end
band that moves on plate; Ag, &
Pt. soldered by Au. delicate.

Bache, Friday, Oct. 25th.
Electricity, glass & sealing wax,
Impponderable, of KENT & GOV am-
ber. In imponderable matter.
By equil. not seen. electrically ex-
cited & more contact, chemical &
agencies, heat, friction or more
contact mechanical etc.
by Chem. agency, ² Galvanism,
by heat & therm. Elect, ³
common etc. 1. friction

frictional, 2. contact electricity -
all bodies can be excited momen-
tary or permanent 1. ~~non con-~~
~~ductors~~, 2. non conductors. 1. 1. 1.
non electrics, 2. electrics. Metals
& charcoal are conductors. glass
resin & dry air are non conduc-
tional. Keeping conduct from
letting its elect. go. Kell glass
1st. attraction, 2. repulsion.
glass exc. differs from resinous exc.
discovered by ^{said} Dufay vitreous
resinous. like self of
milk like repel attract, sexes.
1759 Symmer. Both elect. exist
in each substance. relative
power, glass & cats back,
(C. & V.), greatest heated
electric vitreous, cats back,
foot of scale is sulphur.
Franklin 1 elec. ^{V. pos.} ^{v. neg.} that
usual or less give electric,
Maunt & Pandoast

Oct. 24th.) Temporal bone

Friday, Oct. 25th, 1861

Sphenoid, (fat shaped) - in con-
tact with 5 of face, Cells developed
14 or 15th yrs, open into pharynx
Schneiderian Mem. a pericranium
& a mucous " , blood flows
into nose when in force & " "

" pharynx " " back conical
Sphenoidal cell. lesser wings
= apophyses of the greater,
pituitary gland is not
known, cavernous sinuses of the
crest, Carotid makes two turn-
ing to diminish its force, it sup-
plies the eye. In lower animals
divides & then re-unites (heads
vent) - optic nerves cross at pro-
cessus olivarius fibres cross
to reach two lobes. ~~eth-~~
moid. Protrusion of eye ball
probably saphenic or if not

Cancerous tumor, polypistumor
in central nasal inflex up by
cribriform plate very narrow
($\frac{1}{16}$ ths. inch.) space.

Ch. 25 ths. 6 points, two acetabula, symphysis pubis, sacrum, sacro-iliac articulations, cardinal point = 1. left acetabular region, 2. right acetab. 3. Symph. pub. 4. Right sacro. iliac. reg. 5. left sacro. iliac. region. 6. promontory of the Sacrum. Chin - to vertex 5 in 5 lines, $4\frac{7}{10}$ in, from vertex to centre of forehead, $3\frac{88}{100}$ in, from temple to temple, Placenta $1\frac{1}{2}$ lb, some have pelvis loose from excessive pressure on ligaments. Pelvis is a fixed quantity, ~~is fixed~~, head of foetus not fixed. Child 18 to 22 in. High is flexed not extended, ^{where} doubled up 2 in, long + 3.88 across. Olive in nath-

long necked bottle, frontal + oc-
 cipital poles, flexed & bent over
 towards stomach. Vertex = Union of
 sutures on top of head. (3) Sagittal
 & lambdoidals. 1. head flexed first
 presentation when with cardinal
 point of pelvis, occiputran-
 terior, occipito-posterior, occiput
 is towards back or front. position =
 numerical relation of cardinal
 points, vertex, right, right,
 front, right, left, front,
 rectum thro' head gen. to left.
 1st, most common, 4th next,

Dunlopian, Oct. 24th 1861

Albumen O. Some thought

Albumin. H. there was a vital

Casein, &c. C. force separates
 from matter.

Water N. vis medicatrix

Carb. Acid. nature, there is

Ammonia, some force, tissue
 with life responds to irritant.

Irritability. Exposing feet to
~~water~~ water, can have different
parts affected. sympathy
or consent of parts. pan-
ohis & testes often affected together,
uterus & mamma, 1. by con-
sistency, colonels, 2. con-
sistency, does, uterus. Nervous
system comes in hydrophobic
tetanus, irritates diaphragm
nervus, and affects bile liver.
Dunghison, Oct. 25th, 1861.

Junctions. No nerves
system in vegetables
formerly he had. 1. Circulation, 2. Respiration, 3.
Insects, better begun with building
up, — 1. Digestion. Must
be a stomach. Lower life had
not, spongioid — no
syst is to tree as is
stomach to animals, le-
guminous in vegetable as at

burned &c. in anim. corpuscle
exhibits exosmose. Monads,
hydra. infusoria. Food not
in interior of body, prolapses
& returns through the nervous mem-
brane into the way into
skin, External absorption.

Jeff. Clinic, Oct. 26th.
Dr. Meigs, man, bronchial
irritation, pharyngitis. ~~For pulse~~
R. ℞. MgO , AlO , 2 grs in Zi
 qto . Aqva distillata, 1 a Day.
John Cowan.

(Mitchell Oct. 26th.
Acid Nitric, Muratic & ~~Sulphuric~~
Pulse all night in frequency,
Soft, Sounding air in inhalation,
~~R. ℞~~ Paregonic $\times 3$ i. All
retraced to Nervous System.
Child, can't talk, 7 m.
In Age 18 mths. Had con-
vulsions 8 weeks ago, 4 in

a day, feeding on breast, well
day following, next day fever &
stupor when wakes paralysis.
pick the sole, pin thru it up.
It will recover.

R. Iron by H. 20 grms.
3 times a day.

Man, Cough 4 mths, warts
relayed, Chronic bronchitis.

R. Dover's powder, 32 grms
D. pills, Every night.

Dr. Gross. Strumous abscess.
In many cases this may be not
much constitutional disturbance,
or injury to function of parts, also
opening. Operation every 8 days.
Compress.

1 girl, 6 years age.
Sarah Jane Milo, trouble on
left eye, lryipelas ^{at first} dis-
ease of bone. Strumous, dead
malar bone. (4 mths.) take it
out.

Yes, Harney. Librio. Tie
arteries as we proceed. Have

fan, N H₄O, Brandy (page 8.)
closely even adhering to
everything. like fibrous tumor
of uterus.

~~Mitchell Oct 24th,
Hydro-Chloric, & Nitric acids.
Mitchell, Oct. 26th,
1861~~

Acid Nitric concludes
Tonic property further noticed,
use in whooping cough, also in
typhoid fever and intermittent
in dyspepsia, Tonic & counter
irritant use of Nitro Myrrhine
acid both - how made - Expec-
torant use of the acid - Disin-
fectant use - Incompatibles
Poisoning - actions on skin
& clothing how detected -
Symptoms of poisoning
Antidotes - Acid oxalic
why named here - Rarely

used in practice - blunder of
apothecaries - how to avoid
contrasted with sulphate
of Magnesia -

Acid Sulphuric - other names
Specific gravity about 1.84
more rapidly! How made
easily dissolved, Escha-
rote or caustic potash,
Brodie's liniment. - S_3
Paste. Internal use $\frac{3}{4}$
acid; Aqueous & alcoholic
solutions! Their uses:

Meigs. buttocks presentation
6, Sacrum 4. the
lunules 3 callus 1 as if back
no care to regard precise spots
7th, with, twists about. Nor-
mal present, 1. vertex, 2. but-
tocks, Stercoraceous mat-
ter generally to left of
womb, should be awacc-

ventral present, It is hard, back
leaf of back, — of buttocks.
foot variations foot, & side etc.
of 100, 98 head, (head, ^{accidents} shoulder,
elbow.), 2, pelvis., Cephalic =
chin, & face etc. Whole body twist.

Dickson, Oct. 28th, 1861.

Empyemic fever not as separable
as one would think. Blending
of fever types comes from
of causes. No accident of the case
in yellow fever when hatched from
Perguson says develops typhus
when ventilated returns to yellow
fever. Common catarrhal by want
of ventilation into typhus. Confined
air gives continued fever, sparse
population (with bad air, gives
periodic, — We have diurnal
changes in the body in disease
we have hereditary. Known by
effects. Rhythmic, I have

never seen recurrence of continuation in sleep in malarial fevers. Yellow fever about equal night & day. All have their crisis, a culminating point of an acute disease, typhus weeks, typhoid weeks, yellow hours, Latency, inception. Not critical days but day. Malaria also has two periods of same symptoms but we are speaking of progressive fevers. Fever never good in tendency. Hume (?) believes so, self-limiting, one that will not go beyond a certain limit. Common intermittent is this & also unlimited, circular series go on & on. Syde says one of 79 years. But cut it short if possible. Some murder head examined & not to be interfered with

but as to the rest pitch in mild
cases often to be let alone. jugulate
death. yellow fever hemorrhage,
some febrile lesion of in-
testine or harm to liver,

Dr. Gross, Ducreux, 35 to 42 oz.
24 hrs. S.g. altered in
disease, odor increased Lithic acid
or NaO , U , after wound albumen,
color changed, some increase solid
constituents, " " urinary prop. 3.
by spe. effect on urinary organs.

1. K_2O , NO_5 ; K_2O 2 CO_2
(1, 1) 10 to 30 grains 3 to 6 hrs. Zn ,
diluent drinks (cold). Zn , Colchicum
squills, digitalis, and morphine,
colch. small & frequent dose.

Wine of Rect to ~~20~~ 13, 1 in
24 hrs, add morphine (grm $\frac{1}{4}$, squills
by pectoral difficulty, balsam of
Copaiaba for gonorrhoea. Dur.
not when serious disease of urinary
organs. Depletion at first before
Remedies. Andryes Lancet

or purgative 1st. or if case severe anodyne
first, allays muscular contraction, & pain,
As to induce sleep, Salts of opium,
as demulgent opium pure. 2 to 4
grms ^{opium} ^{give big dose.} in severe case, 100 grtes. laudan-
um, give. opium will not suit
some, mix with tartar emetic or
Camphor or as enema, or admin-
istered small quantity $\frac{1}{3}$ grm.
morphia. - Hop tea, belladonna,
Indian hemp, Anti-phlogistic
regimen. In traumatic inflam-
~~tion~~ diet, in others diet liquid,
Give what patient craves in moderate
quant. if digestible. Cold water
with sub acid, ^{not incompat. with Ha.} neutral mixtures,
Ice, Air. No ~~change~~ draught,
change clothes, All to skin. (

16 to 20 os. fluid 24 hrs). Sponge bed.
C. leanderson
1. Blood letting, ~~do not~~ bleed
in every case. (This comes before
purgatives which is No 2,
Three I lost on Thursday last.)

constitutional treatment, Saline & antimonial mixture

MgO, SO_3 , + Tarta. emetic, put morphine, acute, - gouty, malarial, add certain other remedies.

Local treatment. 1. Place part at rest, in an elevated position, in an ^{relaxed} easy position, splint.

2. Scarification ^{glowits, nose.} warm gargle incision in epiphysis ^{2/1} pulse.

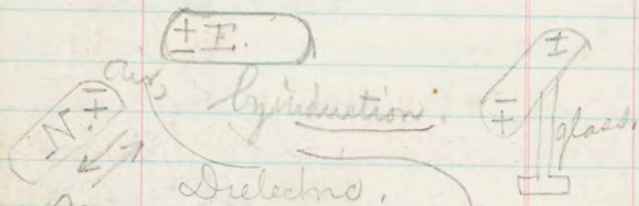
3. Leech, Toxic leech, 4 to 6 3. Amer. leech ^{1/4} of this.

Leech must have a clean spot. ^{most cases with leech in it on shot} give a little blood over spot. Small beer makes them active.

Bache. Symmetry on Continent, Franklins G. B. glass is electric.

J. U. S. Cylinder & plate machines. amalgam of zinc with lead on Cuckoo helps. Prime conductor, at other end get negative electricity.

spark from hand to ^{prime} conductor,
 from other plate to from " " .



Electric non conductor, non
 electric conductor. tin foil.
 Leyden jar. insulated dis-
 charger. Coates' pane,
 electricity exists in glass, not
 in tin foil, dissected jar
 spreaders, two foils together
 won't give spark. elect.
 battery, (Leyden jars.)

Pancoat, 3rd tubulated
 distinct, posterior & anterior
 horns, nucleus below between
 these, N₂ in face. There is
 an inferior maxillary, and
 cirrus rarely seen dis-
 appears. Separate ducts.

the Menzies process - plates
 apophysis of palatine bone
 Meigs - two fontanelles in
 child's head.
 Union of sutures. post. - two
 Δ fontanelle, ant. 4 layers
 than other. fell ant. font. near
 right acet. - perles present, ~~3~~
 3rd. position.

Dunghion.

Milk	Filover,	Blood.
Curd or Casein	Fibrin (gluten),	Fibrin,
Butter,	Albumen,	Albumen,
Sugar,	Casein.	Casein,
Chloride	Oil,	Chloride
KO. of	Sugar, Starch,	Coloured,
Sodium.	Do	matted,
	<u>Digestion</u>	Fat,
		Sugar

PO₅ of Soda, Liver intestine
 Mg O. 3 times h. of body
 Ca O.
 Iron 28, man 6.

Protein, vegetable form Bl., Jal
Cal., It. On Onions they eat
earth, in Ireland also clay.
1. Substantives, 2. adjectival
ments. (condiments). Charcoal
& fat the fattening herbs
for London market, stimulates
walnut bruise nut & all,
fattens rapidly; this is ac-
tion of condiments. — In-
sects show Man is omni-
vorous. He can feed entirely
on one class. Diet determin-
ed by our region. Vege-
tarianism; principles
& practice differ. Teeth
show he is omnivorous. They
use eggs & soups. Receipts.
They live as much as if
as a Carnivorous Man.
Non-nitrogenous I think
are converted into tissue
Contrary to Liebig. Can

receive it, from some other
quarter, A. Oil is egg etc. &
in all cell formation seeds
always non. Nitrog. + Nitrog.

Dickson, Oct. 29th. / 84.

Fever, ^{into} ~~is~~ ^{into} continuous
rhythmical, Periodical into
1. intermittent. 2. remittent.
Intermittent has febrile paroxysm
with intermission & recurrence.
Ephemeral fever in Yellow
fever a parasitic form. All
the conditions may be separate
ly absent, Diseases of circula-
tory system, Heat may be
decreased but rather pulse is that
pulse is increased. Impulse
may differ. In circulatory
system no phenomenon ac-
cessarily present to make fe-
ver. How is digestion? Must
for fluid, nausea but not
fixed; no work respiration,

Intermittent is in a sense continuous. Fever
often brought in by sense of heat cold,
1/3 down thigh jaw, warm. Face
pale or dusky livid hue. Tongue
coated in Cholera. Sometimes, Thirst
may begin here. Gastric uneas-
iness at first, Cold either by para-
lysis or contraction of vessels.
I prefer the latter. There is
muscular contraction, Simplic
urine, 1/4 or 1/2 pr. in intermittent
cold stage. Thirst heat, frequent
& small in cold stage. Slow hot,
Sense of heat, drink, tongue
clean if 1st. attack, In this stage
coating, visceral disorder, spleen
greatly affected and is enlarged.
Nerve don't have spleen hy-
pertrophy gen. Teeth raw
longer than. Vertebrae

Dr. Gross - give a covering
of sweets cream ^{or of bread} over spot for
leech, - Child 4 weeks old
1 leech, adult 25 or 30 if un-

(No air) Scatter them, never at
 focus. Fever at eye, Iris, vulva,
 pro-pine, ^{much cellular substance, and i. red} ~~restum~~, not to face, keep
 no females, or in course of super-
 ficial vessels of. Herpetic knots
 hot at gorge itself. put salt or ^{snuff}
 vinegar on the cold drop. Hot water
 for 2 or 3 hrs. encourages flow of blood
 on surface, put starch on. ^{alum, cold air} Turbidity
 here as last resort to stop hemorrhoid
 Artificial leech. Δ 4. Cups, rubber
 at top. Raise surface, then clarify
 them apply Cups again, not to focus
 or bony prominence - Wax ^{face, chest, etc.} ~~Wax~~ ^{Wax}
 well cold. In traumatic inflammation, keep
 him in cold water. If pain mediate
 water Chloroform or ^{opium} Ph. A also
 warm water dressing. Cold by
 strong heat, warm by irritable
 persons. ^{patient's heat} ^{2-4 layers} ^{old cloth} ~~cloth~~ ^{cloth} of tendency
 To put, put warm on. Do not change
 so suddenly. Poulthec; Ras-
 sed, ^{any milk} ^{substance} bread & milk.
 - ^{not without} Ban, article, boiling water,

keep up dress
 empty bed & put it away. Now put into bed
 empty bed & put it away. Now put into bed

Continue animal in glass for nose

Scald vessel first, then ^{scald} flaxseed, add
 water (boiling) slowly, stirring all the
 while, Leave no dry meal, sticky,
 not watery.

Spread ^{not to ledge} 4 1/3 inch thick, medicate it,
 Ear oint. over it ^{may be bandage} balm of Goulard,

Wool silk on top ^{change} making up, ^{change}
 2 or 3 times, 24 hrs. ^{around} ^{st.}

iced water then hot, - Ag , O , NO_5 ,
 bleed & purge! often first. stick in quills.
 Give substance ^{on skin} wash surface,

coat with cold HO , then silver, Caution
 solution mild Hems - Sod . Tinct:
^{antiseptic} ^{dilute it} ^{alcohol}

all ^{achieve} ^{sting} ^{compression}
^{antiseptic} ^{acts on} ^{capillaries}

all ^{antiseptic} ^{acts on} ^{capillaries} ^{allays} ^{all}
 Destructives, ^{infer}, ^{not} ^{iron}, NO_5

SO_2 , HCl , KO Counter irritation, vesic
 Cauter hot water, hot spirits of turpentine

Can handle, cover with cloth soaked
 in hot water, child 2 or 3 ^{times}

look at N C Bache

Machine Elec, vol
 Inductor. 288,000
 mls, a second



Grandline
all the way
to make a number of notes

dec. excitement along surface,
face, ^{amt. of dec. disturbance} ~~from known~~
^{amt. in proportion to surface} intensity, attractions & repul-
sions exhibited, knots to the
noise, ^{Amusing experiments} pump without noise,
Rod: Disruptive discharge

For many points
zigzag spark. ^{See}
Sagitt 192, 500. ^{vals.} See
frictional Pancoast ^{Keller by E.P.}

Parents Mineons may fill up
tube & hinder blowing, shut nose
& blow. for lachrymal sac com-
mencing inflow, lay instrument
on floor, turn handle to left & up
when the handle crosses interior
tooth of opposite side you have
right opening. ^{Wishing of nose}
in ducts of bent cartilage but
partition. ^{stuff nostrils waxes come}

Put in sulphur of lead. } 50
Mitchell, Pasadena } 3
8.9, 1.09 white vitriol

add $50g$ to contents of pacts. ($50g$ pacts)
 $\frac{1}{2}$ $30g$ to $\frac{1}{3}$ Lard for skew dis-
eases. - alcohol. solution.

$\frac{3}{4}$ $3\frac{1}{2}$ $50g$ to $\frac{1}{2}$ pt. alcohol,
gentle heat for 3 days ^{in aqueous solution} cinnamon & cloves
for 6 days. - aqueous solution

$\frac{3}{4}$ $1\frac{1}{2}$ $50g$ to $14\frac{1}{2}$ oz water

10, - 30 m in cinnamon HO,
vehicle a bitter (quarries), H_2SO_4
pipes add $\frac{1}{8}$ grain, Morph' Sulph.,
Diarthrosis chronic, Cholera mor-
bus, add Quini' Sulph. Ruber
in hemorrhage. Warren's

$35, 80g$

23 Sp. Turp.

23 alcohol.

HO m + sugar every hour & half
hour. Boothwaite, XL.

Cholera, with infusion of
Cloves good for bowels.

Inf: clove 63 } Greenhouse
SO₂ dilut. 1 1/2 } Mixture
Laudanum 24M

2 table spoons 1 hour. Colica
SO₂ lemonade. (lead)

1/2 to 2, SO₂ + H₂O q.s.
Swallowed all in 24 hrs - pre-
ventive. Itch. (Prussian).

(in 14 days), SO₂ internal exhibition
Infant, cured through nurse.

13 SO₂ to 35 H₂O, to 33 Lemon
drel & 13 1/2 drops of day in
some glass of H₂O. Proves Head
and Indomitable hicough
man 73 yrs. administered SO₂.

Female poisoned herself with SO₂
child born in struggles, traces
found in child's lungs,
Safe work.

13. ~~Si~~ elixir of nitric
3 teaspoonfuls in 24 days.

NO_5 on cloth gives yellow SO_3 a
 red spot. BaO , HCl with SO_3
 gives insoluble white salt, MgO
 anhydrite.

Simple arrangement of
 elements.

1. Nitrogenized, {

- Fibrous, (Gelatinous)
- albuminous
- Cascinos
- Gelatinous

2. Non. Nitrog. {

- ~~Amplacous~~
- Saccharine
- Oleaginous

 Sacchar-
 ine Seco-
 darily

Albumen Gelatinous

C.	54.84,	55.048.
H.	7.09	6.643,
N.	15.83,	18.388
O.	21.23,	24.921,
S.	0.68,	
P.	0.33,	

Diet Scale U. S. N.

D. Wake days in the week.

1. Nitrogenized Pork 16oz Beans
or Peas 7oz.

2. Non nitrog. Biscuit 14oz,
pickles or Cranberries 1oz, Su-
gar 2oz Tea $\frac{1}{4}$ oz = 40 $\frac{1}{4}$ oz.

Two days in the week. Nitrog.
Beef 16oz, Flour 8oz, Non, "
Dried Fruit 4oz Biscuit 14oz, Tea
& Sugar 2 $\frac{1}{4}$ oz, Pick. & Cran. 1oz Total 45 $\frac{1}{4}$ oz.

Two days in the week. Nitrog. Beef
16oz, Cheese 2oz, Non " " Rice
8oz, Butter 2oz, Biscuit 14oz,
Tea & Sugar 2 $\frac{1}{4}$ oz, Pick. & Cran. 1oz Total 45 $\frac{1}{4}$ oz.

variety of food, N. O. Evidence
of nutritious property, Salted
Meat & meat fresh, vegetable
juices anti-scorbutic, mutton
(desiccated), frying oil, etc.

Marj's clinic, Oct. 30th. 1861

Probably diphtheria is a local
infection. Girl aged 17, Consequen-
ces of disease, $\frac{2}{3}$ rds. some-
glass sherry wine. no physici-
supp. anti-

little girl, had measles last July,
had rheumatism, 5 vaccinations,
3 after, laudanum everytime it has
an evacuation. stop action of peristaltic
actions of fibres. man, aged 37,
labour, diet 20 weeks, Minichy-
pochondrium, 20 lbs. in human
body of blood 790, 40, Embolism
probably, clotting of blood in vessels.
If you take oil, it degenerates
into fat.

Dr. Gross. Yesterday
week ^{Nov. 27} ~~right~~ ^{and it} ~~planning~~ baker,
Right in last eye gave way
instantly, insensible to light,
blows a year ago. He was a pol-
ice officer. Apoplexy, ^{of the eye} infusion
of blood compresses Chorooid coat
of retina, Spontaneous. Keep both
eyes at rest diet restricted, head
high when lying. Bowels well
purged. Bleeding good. ~~1/2 grs~~
Calomet, colocynth, jalap,
Mercury ascribed as eye

Sorbifacient, — Patient — aged 30
(he has cobweb on it.) voice suture.
Don't move hand, — Julia M^c Dermott
aged 27, Mapple, she has
a child, great suffering,
gastroenteric, Pus of phleg-
monous abscess. — ~~Edward~~
~~Ketter~~ & Swelling on neck,
boy 12 yrs. Abscess,
originates his lymphatic ganglion
opposite to luteo pars, warm water
dressing — smoothest powder
Flaxseed 2 a day, diet restricts
Paint with 85, Imit 1 to 6 to
7 of alcohol, — child 2 years,
hydrocele, put astringent on,
Surge, Seton, or inject iodine,
Paint with 1 of iod, to 6 of alcohol.

Jam. Eastburn, 68 yrs, nail in
eye, can't see. dislocated lens;
lid's inflamed, sore itching of eye.
Restrict diet, — R.D.

Blue mass Colocynthis, jalap,
20 grms aa to 1/4 grm each

pills every other night, ~~And~~
Cool water on part, ointment
2 a day, 15 gms Acid Mt. Hg.
to 13 simpl. Cer.

Case I saw after 23. gun-
shot wound on right parietal
bone, Dupuytren in opposite edge
of tongue, had epilepsy. Paralysis
in such case always on opposite
side, he had pneumonia. No epil.
since. (Dr. Rowland), Castor oil,
no exertions, Eat no meat.

Man, squint, with both eyes,
divides internal straight muscles,
cut through Sclerotic.

Dr. Meigs, belly scaphoid,
Sebaceous follicle, too low with
H₂O, N₂O₅. Taste it see if proper
state, alterative. Extirpate some
1/2 way down lymph. tub, of separa-
tion, posterior commissure at
crown of arch. Keep air
from skin will turn water

Mucous Membrane. Nuppar
= labia interna. Platonist.

If God did not wish to create
these, we should not wish to study
them. ^{2nd lecture.} Mitchell - Acids

Tannicum - Tannic acid -
Where found, how got, called
amorphous. Why? Sensible qualities - uses in
practical medicine - Dose - an
antidote to strychnia.

Acidum Tartaricum, where found - how
obtained - properties & uses of - Poison
by - antidotes.

Aconitum Napellus - Other names
of - narcotic - proximate prin-
ciple of - effect of boiling on the
plant - Therapeutic uses of -
Modes of using - Anesthetic
powers of - American testimony
in favor of aconite - How to
test poisoning by aconite - 2
Extracts - Doses - Various theo-
ries of - 1) by jumped in
oil, brewed by 50s. - Can

note of iron salt, Janniacid
for uterine hemorrhage,
3 to 5 grms. 2 or 3 hrs, allays
white leucorrhoea, 1/2 grm. - Diabe-
ses (+ opium),

2 J Janniacid

1/2 grm opium in 24 hrs

16 grms Janniacid

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

7 grm Laudanum

3 tabs. in 24 hrs, Diarrhoea

rather Morph. Sulph. not

Laudanum, - Præparatio

FL albomungus aqua-

Nana, 1/2 3 to 1 Janniacid at

2 grs, increases urine,

- pressed nipple,

20 grms Janniacid

1/3 Hyaline

1/2 Alcohol

both marks punctures

4 projects acid, Braithwaite XXXVIII,
Gonorrhoea, enemata of Parke,
Braithwaite XXIII.

Prolapsus uteri. - N. A. Med
Churching, res. Nov. 1857.
Bulletin generale Therapeutique
Meyne 1868.

Fissure of the rectum. Ointment,
13 Days: acid.

13 Days. 2 a day.

Oct. 31st, 1861, Dickson.

There are monthly & 6 weeks re-
curring fevers. quotidian has short
ast ^{8 hrs} ~~10~~ ¹⁰ ~~12~~ ¹² ~~14~~ ¹⁴ ~~16~~ ¹⁶ ~~18~~ ¹⁸ ~~20~~ ²⁰ ~~22~~ ²² ~~24~~ ²⁴ ~~26~~ ²⁶ ~~28~~ ²⁸ ~~30~~ ³⁰ ~~32~~ ³² ~~34~~ ³⁴ ~~36~~ ³⁶ ~~38~~ ³⁸ ~~40~~ ⁴⁰ ~~42~~ ⁴² ~~44~~ ⁴⁴ ~~46~~ ⁴⁶ ~~48~~ ⁴⁸ ~~50~~ ⁵⁰ ~~52~~ ⁵² ~~54~~ ⁵⁴ ~~56~~ ⁵⁶ ~~58~~ ⁵⁸ ~~60~~ ⁶⁰ ~~62~~ ⁶² ~~64~~ ⁶⁴ ~~66~~ ⁶⁶ ~~68~~ ⁶⁸ ~~70~~ ⁷⁰ ~~72~~ ⁷² ~~74~~ ⁷⁴ ~~76~~ ⁷⁶ ~~78~~ ⁷⁸ ~~80~~ ⁸⁰ ~~82~~ ⁸² ~~84~~ ⁸⁴ ~~86~~ ⁸⁶ ~~88~~ ⁸⁸ ~~90~~ ⁹⁰ ~~92~~ ⁹² ~~94~~ ⁹⁴ ~~96~~ ⁹⁶ ~~98~~ ⁹⁸ ~~100~~ ¹⁰⁰ ~~102~~ ¹⁰² ~~104~~ ¹⁰⁴ ~~106~~ ¹⁰⁶ ~~108~~ ¹⁰⁸ ~~110~~ ¹¹⁰ ~~112~~ ¹¹² ~~114~~ ¹¹⁴ ~~116~~ ¹¹⁶ ~~118~~ ¹¹⁸ ~~120~~ ¹²⁰ ~~122~~ ¹²² ~~124~~ ¹²⁴ ~~126~~ ¹²⁶ ~~128~~ ¹²⁸ ~~130~~ ¹³⁰ ~~132~~ ¹³² ~~134~~ ¹³⁴ ~~136~~ ¹³⁶ ~~138~~ ¹³⁸ ~~140~~ ¹⁴⁰ ~~142~~ ¹⁴² ~~144~~ ¹⁴⁴ ~~146~~ ¹⁴⁶ ~~148~~ ¹⁴⁸ ~~150~~ ¹⁵⁰ ~~152~~ ¹⁵² ~~154~~ ¹⁵⁴ ~~156~~ ¹⁵⁶ ~~158~~ ¹⁵⁸ ~~160~~ ¹⁶⁰ ~~162~~ ¹⁶² ~~164~~ ¹⁶⁴ ~~166~~ ¹⁶⁶ ~~168~~ ¹⁶⁸ ~~170~~ ¹⁷⁰ ~~172~~ ¹⁷² ~~174~~ ¹⁷⁴ ~~176~~ ¹⁷⁶ ~~178~~ ¹⁷⁸ ~~180~~ ¹⁸⁰ ~~182~~ ¹⁸² ~~184~~ ¹⁸⁴ ~~186~~ ¹⁸⁶ ~~188~~ 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Cylacus Lombricus.), duplicate
berhau, triple portion triplicated
berhau, apyrexia. Council-like
times as related. Cause of
intermittent (Malana is
decreased: Dr. Bell agrees it,
I had first, ^{on} ^{the} ^{day} when fever
dropped. **N** Come, peculiar
time, peculiar period
got in swamps, atmospheric
poison. Malaya, nature healthy
has no such periods. Africa
remittent, intermittent &
yellow fever. Russia
Septimaria, Ottoman,
There are many Malarias.
Intermittent to sparse
changed into remittent by dense
population, vegetation, heat
& moisture will give intermittent.

Dr. Gross. Plasters with ^{Miller's}
Caution. For 4, 5, or 6 turns ^{paper}
comes down, see surface,
then cabbage leaf, emollient

Poultice, watery dressing
 And 2 1/2 hrs. open blisters with
 bistouri. Do prevent effects of can-
 tharine give morphia or
 opium. Campbell's 1/3 gm. Sulph.
 in 1/2 lb. N. W. before blisters prevent
 stranguery, ^{dilute.} ~~venous~~ ³ⁱ ~~caustic~~
 - Supparant, Chronic disease.
 by carrying blisters further. 8 or 10
 days repeated, Seton, warm water
 dressing, adhesive strip. I do not
 employ this foul operation. Better
 by issue. ^{by issue by the use of spreading.} ~~fixed line~~ Caustic
 Potassa (~~fixed line~~ ^{cinna (i)} ~~fixed line~~) and
 alcohol, waste parts with vinegar
 afterwards. an eschar, then lead-
 licent poultice, - hot iron, white
 heat as far as cellular tissue, Cold
 water then for 2 or 3 hrs. (resistant
 dry cups for 3/4 hrs.). - Termin
ation, Life or death. 1. By
 resolution. 2. Mummification, 3.
 1. Slow or rapid, natural or
 artificial. ~~metastasis~~, metastasis.

II. ^{injury or} puncture part. leech, blister. (8-10 hrs.)
modification of height of nose
(Dr. Phisic.)

action, sharp pain, 2,
indirectly, malignant pustule
excitation of brain, signs
pain greater, little vesicles scarcely
feeling pain, increase of color.

crepitation from gas, odor of moist earth.
Prophylaxis. antiphloges-
tic treatment. If notified,
maintain by calomel the labor

nothing requires no adjoining
parts. Stimulate. very helpful
in idiosyncrasy unless line has
demanded system good. Trauma

Don't wait for line. It may
good habit & strong inflammation, not high
Dachel

Common elec. = Statical
C elec. - Galvanism. Elec.
phenom. from Chemical

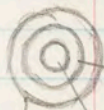
C agents, moist conductor (As
- wood & metals must be connected
in some way by metal. C Z,
with cloth wet in water,
Z solids / Chem. agents

old or. Phisic

likely
mod. likely
organs



at C + at Z - , Whole
 wire is conjunctive wire,
 stops when circuit broken
 when resistance-force of
 Chem. action. Z only of
 fuses, generating 2 conduct-
 ing metal, Intensity or
 projectile force, quantity and
 direction motion. On paper,
 metal on one side, manganese
 on other, Galvanic Arcs



opposite 2 surfaces to
 z. C surfaces, Calori-
 motor heats platinum
 C. C' wire. In Harb arrange-
 ments, Pancroast

C' in ant. post. Skull
 transverse. 4 front of parietal
 fossa, facial angle line from
 Cyt, and, area, to front then
 the forehead. 80° in white
 occipital angle, Occipital
 foramen then the orbit of eye.

120 in white, buvier, superficial
and 5 times that of face (through
face). Caucasians greater with
shot in skull. Curves 1. Can-
Jadon, 2. Mongolian, 2. Malay,
large temporal muscles in
Indians &c. Is it not connected
with early lake mode of eat-
ing? (D) B.W.). Nasal line
floor ^{is} in line with
outer line - heart shape
opening. [Mitchell.

Aconite, andryne & desobmate
in Neuralgia, ^{Talented} Dr. Turnbull's
1 grs to 13 alcohol, 1. Spadise
or rubbed it externally. (Aconitine)
ointment 2 grs to 13 Adipis,
Anesthetic, Sep. 1858 Philada
Journal neuralgic remedy,
Stevens &

13 Acon, Road, Tinct
2 Black Snake root,
3 do 1 transpental Essy 4
lvs. Cholera.

3℥ Acou! Dint, }
1/2℥ Sandanum, } pro-
1℥ aloes Extract, } phy-
lac-
tic

dose 10 m in anticipation

15-20 m every hour, if cholera
under way, } Letters

also — Poisoning, Stomach
pump, Emetic, Give him lemon-
ade +, — Deadland says animal
charcoal good, then emetic, (ZnO, SO_3
10 grains), Extracts, watery 2, alci-
holic, 1, 2, 3 grains of 1, 1/8 grain,
2nd, saturated ~~Ammonia~~ alcohol takes
all it can, 1/2 grain, root powder.

— Mitchell better shy of
the article, — Acu-puncture
rotate needles, galvano — " "
for chronic affections — Apeke
Cuttle — Good for itch;
Keep bowels open, Empellus;
Foot bites, (ground corn husks
if consistency), Scankins.

Dropping of bowel into another.

Abolition of medicines.

Beck pp. 250. Pay good man
if you have food prices for it.

Dunlop - organic acids

& vegetable prices necessary. Amy-
laceous goes into Saccharine.

- 12 oz. dried food one man has
he lived on for 68 years. Recovery

health requires all, Esqui-
many takes 20 lbs. Parry

fried Oat 35 lbs. hollow can-
ales. - "London Book" "Eucrosi-
ties of Food" - training physique

Running at top of speed
for 1/4 hour good. "Beebe"

11 weeks training, physique
every 4 days. - plungers

(destitute nervous) is not nec-
essary as in West. Survivor
ship. The oldest one lives long-
est. - Cause of hunger

sensation to stomach

Dr. Beaumont shows humors
Canadian... saw him at 1853 at
Washington, indigestible substances
they hunger. Not gastric juice.
It is an irregular difference
account other of wants of
system (Dickson, Nov. 1)

Mass of Manchester there is S₂O₃!!
Allen says all on shore right
all on ship well at night. Is it
the decay of vegetation or superabun-
dance? I think the latter. Malta
and not has intermittent mill
pond, ~~nothing~~ moisture
Is there not something behind there?
Wind alters it. East more than
west show of bacteria. Propagated
behind the wind. Is it solid
fluid & gaseous? It rises &
rises, it mixes readily with
air. Some say S₂H₅. But not
uniform. Not S₂O₃. Is it
CO₂ Not fluid & solid.
Chemistry finds nothing.

thought to be organic, when
 ally latent case, Prof. Nutt
 only says a fungous spore
 Montonic river path East Bay
 of Louisiana free. Thick tree
 between will often split it off,
 One now has it, others free, Fire
 helps it away, Negro forest.
 White river acclimated, Dissem-
 dynamic, Hematitic rather than
 Kerotic. Women & Children
 & Men, Women generally & Men,
 Negroes few nice than in other
 lands. Matlaguohian, (rare -
 fatal), (very fatal), (Quinine
 not if habitual and also its power
 Best prof. used also
 Gross, - acute mortifica-
 tion detaches by groove dead
 from living, bones tardy
 being slow. Blood coagulate
 at end ^{of adheres} no effusion of blood,
 Scute (Pott of England
 gangrene in feet first ^{or on ear, nose,} generally
 may be recurring period.

parts even bones.

The ... of ...

Must heat the granulation. (Ind. in-
 tentions) 1st. is adhesive inflammation by
 first effusion of lymph, in con-
 cussing pus, in stopping bleed-
 ing (surrounding clot), bullet sur-
 rounded.

Basic. Elementary
 galvanic arrangement, Quantity
 of elec. same in long battery for sur-
 face equal but greater projectile
 force, viz a long, Crown of cups,
 Smith's trough.

this is combination but the other con-
 tacts by chemical agents. Faraday's
Electrolytic trough.



Partboard = P. Faraday's
trough.

deflagrator burning metals, Greatest
 at time of contact, forms ZnO
 on surface, not pure Zn , & a
 coating of ^{metallic} Zn on copper, it takes
 O & makes H_2O & deposits Zn .

- Daniel's ^{cell} battery, amalgama-
 ted surfaces, use porous cell
 & keeps ZnO in & let H go

Lymph deposited atmosphere of Faraday

through, He put ~~red~~ ^{blue vitriol} another
liquid outside porous cell in con-
tact with C. (blue vit = CuO, SO_3)
put copper on copper. It takes
O + gives H₂ + deposits metal C,
constant, sustaining battery,
sticks crystals of CuO, SO_3 in.

Wollaston's theory we have been
taught, electro-motion.

Volta said mere contact, Luc's
Luc's (C) columns they point to.

SO₃ generating liquid, CuO, SO₃
conducting liquid; Pancosati.

long do to best, why not left a clue
by head. Analogy bet brain & spinal
marrow, first formed (before brain).

It is brain, spine disassembles
forward, ventral body has tuber-
culous matter ~~the~~ diploic cells
and body gives (other processes
are long). lateral curvature.

Comes from muscles. fibres
of common anterior lig. hardly
seen more than 4 vertebrae.

yellow fibres dead elasticity.
Save extens. Muscles of
back. Bone fractures before
ligaments, 6 weeks life after frac-
ture of last dorsal. Time can
be calculated. Loose ligaments
let gaseous pyrovia expand, go
together crack condenses, in weak
females, spinal neuralgia,
young persons breathe by ribs!
old " " " abdominal
muscles.

Alaps, perineum, Alaps Say top
abdomen (?), pudenda, ple-
never line, pudendum top,
of labium 3rd down Symphysis
pubis, end at beginning of peri-
neum, blunt lance when labium
is infused with blood, when quick
to black snow lot out, lichenoid.
Phorobous labri. oedema
labiorum hap suddenly with
sharp point of lancet. If labium

fractures metallic ligature, of perineum
do not do so. (tie around legs).

If ~~lesions~~ internal labia ~~are~~
to be extirpated (ligature), if it pro-
trudes it is inconvenient, "Not knife"
("Woman lives" Briggs' a prosthesis).
— herpes Erythema, No cure.

urethra 1/2 in long, on free at crown
of arch. end of vestibule - never

Arterio Venous:

Dunlopson.

Gastric juice.

Water 99.44.

Solid residue 0.56.

Ferment (Pepsin) 0.32.

Organic matter, 0.24.

Chlorhydric acid, 0.52.

Chloride of Potassium 0.06.

— Sodium 0.15.

— Calcium 0.006.

Phosphates of lime, iron, magnesia, 0.013.

Insol. — other salts. Saliva
Chambers boiled starch into dextrine.

Real act of
prehension.

— 2/3
Cahon. 2. in

salivations
3 lbs.

Man by
Lalor

— verti

Calves
How

+ glucose, parotid + submaxillary, sub- + intra lingual glands, parotid aquiferous, the other ^{salivary} mixed ^{salivary} fluid. Oral digestion.

1. ^{voluntary} 2. ^{involuntary}

Primal peristalsis suddenly to get bolus down. Cardiac plexus also called Splanchnic plexus, ^{of nerves} circular, longitudinal + oblique at splenic plexus.

Turns about in stomach. Ball in stomach of horse. gastric juice disinfectant. HCl is the acid of juice. In others are found lactic. But then vegetables are part in which develop lactic acid. Turner

Dr. Meigs, Nov 2nd, 1861.

Man complains of constipation 2 days. May be no harm for his powers of digestion may be strong,

and little residue. Give him rhubarb
to quiet his mind not his gut, (C.D.
says). Nothing the matter with him.

R) Henbane grs. ~~XXX~~ (~~XXX~~)

o Symp of gum $\frac{f3}{4}$

Cinnamon water 63

dose teaspoonful, night & A.M.

Iron by H. for hydroemia mix
with honey divide into pills. 1 grm.
at time. at meals. (Paris product).

Dr. Gross, Henry Mart. Age 22,
at Kewburg of the ^{Liberia County, Pa.} knee joint.
scars. and injury at first. lymph
cellular tissue; fibro-cartilage, carti-
lage, bone (process of formation).

limb should have been placed at cer-
tain angle that would be useful
and afterwards break up the adhesion.
Repeat this - stimulates absorbents.

Paincock's operation. (two ¹⁸⁵⁹ winters ago.)

Cut down & perforate bone in many
places than a jack-knife. Dr.

Brammer's of Chicago 1860. Modifi-
cation of Dr. Barton of Philada.
1826. This is subcutaneous.

side ^{perpendicular} incision, perforate bone, not cut
as Dr. B. did a Δ in front. Parvoast
recommends obliquely, broad ascents.
Light external incision. Chloro-
form - Stomach empty, cloth-
ing loose, recumbent body.
Tell him to blow, plenty of air.
- Always be careful about injury
to joints against ax & 2 wgs.
Put limb in proper position.
Cease when swelling comes on
for a while with Chloroform.
Used a hammer. Callous harder than
bone often. Parvoast ~~assisted~~.

to keep 2 $\frac{3}{4}$ Acet & Lead
down. 2 $\frac{3}{5}$ opium,
inflammation

Nutshell, Asculus Hippo-
Castanum, Horse Chestnut,
oil from the nuts - Agave A-
mericana, American aloe
Muguey, natural history - abun-
dant in Texas, California,

New Mexico its antiseptic pow-
ers, how prepared for use - Doxycylin,
Alcohol, meaning of the term, obvi-
ous properties, never freeze, solvent
powers of - never seen in nature, how
got - its relation to distillation -
= absolute alcohol, important ques-
tions, External use - Safest use in
low fever - Mrs. Higginbottom's
testimony, Poison by alcohol - adul-
terations of - antiseptic powers of
alcohol. How?

also give 4 Spoonfuls 3 times a day.
- alcohol occlus spirit of any
thing antiseptic, resin not soluble
in water but in alcohol. alcohol
separated by distillation after forma-
ed. Proof diluted, rectified pure.

alcohol not worth anything
as food. Kane, Cayal,
Marshall, Mosely & Dickson
for hot climates get it.

Army. Man can stop drinking at
once & not hurt himself. Strong
assafoetida & hot soup & cayenne
pepper & ZnO, SO_3 to quiet
nerves. - External use best,
disguise it. - Dead drunk, put
a tobacco plaster on stomach
to ~~not~~ make man vomit.
Brandy cure of few opposite disease,
Alcohol + water, better. Brandy
can't be got pure. - Cinna¹matti
man. Higginbottom 1857
London Lancet, refrigerant
& rubefacient. In hoarseness,
Don't transfer morbid action
to vital part. - Poison.
Tobacco plaster, cold rash,
flagellation, delirium tremens,
Falso certificate, Myeloma
of whisky. Sebaste jerk
show it, antidote - Serpant
bites. Cassius M. Clay.

~~Waltham~~ Rockingham Register,
Virg. August 1859. Drunk
ards cannot do this. Meip.

vestibule 1 or $\frac{3}{4}$ in. is length of
M; origin, per^o intermedia anal-
logue of corpus spongiosum, bulb,
in, two bulbs at vestibule, com-
press outside & in vagina and
in lymphatics pubis when pars
intermedia is ruptured. anterior
& posterior columns vagina.
they lie together. Tight at opening,
inside hardly any resistance.
vagina lies on areolar tissue.
mucous.

Dickens. Nov, 4th. 1861,

No case in which you cannot
give quinine. Acts on pulse &
nervous system. Next sequence,
you can't predict primarily. There
are proposed as specifics,
No diluted ^{hypnotic} AS, corn meal,
impaired coffee, whiskey,

Sage, Livingston says Portuguese
lost confidence in quina, spe-
der web, - humming, = turning
Clockwise, Quina in excessive
poison ^{quantity} makes blind sometimes,
(2nd Epilepsy. Mode of giving,
begin dose $\frac{1}{2}$, $\frac{5}{16}$ just as
evacuating stage is on, give to
quininism, quotidian 5 grms,
if necessary 5 grms. $\frac{1}{2}$ before 5 grms.
- Treatment, Indications three
(Don't always wait for "a.") 1.
palliate & relieve present symp-
toms, 2. prevent return of
pyrexia, 3. do away with
periodic recurrence of malarium
at beginning of cold stage
will stop it. Resistance is
good. Chloroform will do.
If tongue foul, give emetic
strong (Salt & mustard.) hot
bath at 100° . Paralysis
& contraction of vessels small
Cause. - If spleen bad,

in cold stage give quina, spleen
reduces. Stimulants to sur-
face, ⁽⁴⁾ bismuth good, Ice good,
Lancet - Hot stage, Not any
interferences, cool bath, quick
purgative, (saline) Tenema of
special determination, Lancet
(.) ice, (not continuous), Sympathy
aid the cause. Warm water, Leach
loss of blood, Bleed from the foot.

2. Quinora Nothing better,
prophylactic. Will not act
commonly prophylactically.
Berberis, sulphur. Best as

Grass, lymph fluid at first
Remains with it soon becomes solid
& organized, acts obstructively
of ~~the~~ in lungs, trachea, pericardium.
It can be absorbed.

At soothing Cornelia with anti
phlogistic, low mercurial coats,
Calomel, local ^{slight} _{subcut.} H_2 , HCl ,
Iodine, Tinct, - 3. Suppuration,
higher degree of inflammation. And

skin eruptions the darker color, more swelling,
 hectic fever, throbbing pulse, profuse
 sweats, gen. healthy. Rapid, an
 acute ulcerative absorption.

2. limited, (effusion of plasma matter)
 no sac, but a wall. - Examine
 part, otherwise is a apex & it
 will yield. If large quantity you
 will have fluctuation or pressure,
 you will observe at length (depth)
 peaks ^{for instance} disastrous form, adema
softens outside, pit under pres-
 sure, - Exploring needle, rotate
 it, Bache, D

Daniel - 1, } Primary air
 Grove - 3, } bent.
 Callow - 4 1/2, } Secondary or
 induced cur.

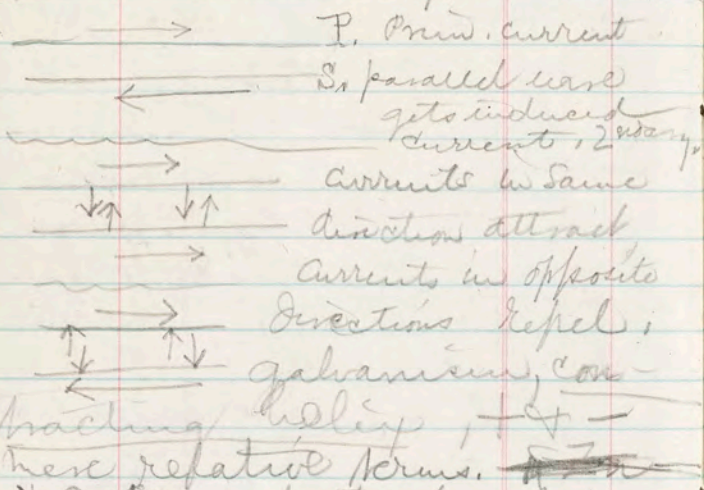
rent, $Zn + Zn + Zn + ve$
 — Zn , gives quantity
 S. K. $Zn + Cu, Zn + Cu$
 C. +, Fe gives whiteness
 H. only
 Pt. Chester Pt. not in
 Cu porous cell, Callow
 Ireland

large than that of water, also
 but is altered by heat

disturbance or infection of the system

discovered in liquid

Zn. + Fe. SO_3 ~~XXXXXX~~, SO_3 + NO_5 . wedge, Bunsen $\frac{1}{2}$ Car-
ton battery. In deflagration
fire pellets. Dynamical Dec.



~~But~~ does disturb elec, but Zn + Cu - but when ex-citing liquid Zn acts differently Bache says difficulty here.

Pancroast, Bivase of tube, costal artery, tubule on 1st, rib between two sets of subclavian vein & artery.

Intergale has anterior scalenus mus-
cle. Achung at Proch in Memm-
brum found tubercles in lungs as
nose ticks from worms. Prominence
of Luciform Cartilage in Clarke.
Pressure Subcutaneous operation
for peritonitis of sternum.

Very rapia mucous membrane,
lymph (New moon), hymen
not always ruptured, don't al-
ways exist. Children ^{break this} in early
infancy - gashette, free sub-
cutaneous, columns inserted
 $\frac{1}{4}$ or $\frac{1}{2}$ inch above anterior
place of womb - $\frac{1}{4}$ dist. this
side of 4 segment of sacrum
place of ^{the} ~~dist~~ anterior, don't say
"falling of the womb." Her
womb slides forward & womb,
2 oz., $2\frac{1}{4}$ in long, $\frac{3}{4}$ thick, $\frac{1}{4}$ across.
Pregnant 2 lb., 12 in. long
& in Conf. diam. 40 days
carries it back.

hypertrophied & retroverted would
~~not digest~~ put it on its place.

Doughison mentions two
saliva will turn starch into
sugar. waste not important
of saliva, 1 1/2 M. for bovine
No go round, balls of hope
hard. Some Chewing about
the Canadian crew, Dr. Brun-
son. Not fair to judge from
other animals. Some say
more dentures great deal. FCB
- Ferment pepsin, Catalytic,
Some say diastase in seed
- ptyalin = Saliva diastase
soluble in cold & not in hot.
By catalysis it acts. Stoughton
Leonard Association. In some
cases real pepsin might do
good, gastric acid more in
epidemic than in other
parts. 1st has polygonal
nuclei other has villi.

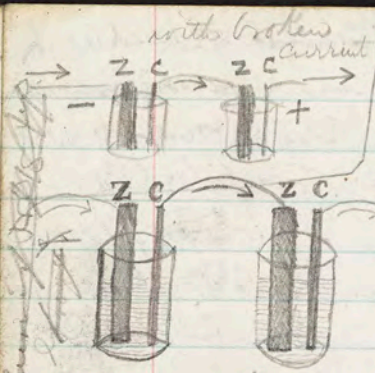
1st. secretion, 2. absorption. The
it goes right on to system from
stomach. Some mucous membrane
has cylindrical glands. Chem.
action of gizz and not stomach
but only to triturate; Some
not putrefaction. Pancreas
Caul in subject (Eg. lecture)
stretches down joining upper
& posterior part of uterus.
Generally causes stricture of
bowel & death but here it
have been first soft.

Nov 5th, 1861. Dickson
Then are marked intermittent
fevers, use quinia as an anti-
periodic often, there is a
headache, an inflammation
intermittent, ~~gives a~~
~~gives a~~ give great
Cathartic as Africa. Giperin
& Camphor help. algid
cases give Bismuth, 3.

A.S. > Cinchona ^{sp.} Symptoms ^{Se.} of arsenic
 redness & itching & pale swelling
 of eye & pain at pit of stomach,
 10 gr. Fowler's Solution. - Pushing
 away. - Recurrent, near
 larva. never originates a continu-
 ous fever. Sometimes an epidemic
 intermittent (Chastot's Op. C.), Ig,
 norant of relation, Solar relation

Dr. Bress, - aneurism & ab-
 scess / 1. has always pulsation & is
 & chronically with heart. - Treatment
 free incision in certain parts, pus is some-
 times absorbed. 1. knife. 2. trochar. 3.
 caustic. Aim to facilitate drainage,
 free opening in a phlegmonous abscess.
 put a tent in (a piece of muslin
 soaked in it) small with end out,
 after opening, dressing, excellent practice - cover
 with a tent, - 2. Chronic abscess,
 cyst, matter granular, sero-sledge-
 mous, generally bone necrosed, Early
 in life. Evidence. Absence
 of heat, discoloration, Do not be
 in a hurry. Keep air out
 temperature 72° in below 50° & 50°

opening.
 good
 slit
 slit
 knife
 when



with broken current
 analyte, (?) current through, (Turner 1882.)

FE₂O₃, 2 bulks of H to 1 of O.

KI in solution of starch decompose the I turns with

starch a blue color, — NaO, SO₃ electrolysed purple cabbage green by alkali, red by acids.

Explanation, evaluation of at reaction for particles beyond break connection att. one = 4. increase

5, 5 Pancoast, Syphilis affects superficial bone, chills by water (cold water on surface), Pancoast says 2 chips every man (2 investments), fracture of scapula, breaking of bones oficeps, Mitchell horse chestnut sold for gout,

Materialia alimentaria, anything that helps respiration & assimilation. Anything found in human

very uniformly after death in chemical
comb, is subalimant - Allium.

Onion, garlic. Blood medicines,
perovales Lysium; Grass bitter,
Stimulant, antihelmintic, kuba-
-facient, tonic, Expectorant, diu-
-retic, - Good for infants, hot as public
Dr. J. W. to cause urination. - Mix
with sugar as a remedy for worms,
Some probably make a tincture. Old
asthmatics use it, - Diapores re-
-lieved (a certain form) mucous debility
Opatic in ear. - Stings for bees etc,
Anemoma good. - Aloes.

Aloe Sociniana, Catarrh
aloes = aloes run into grounds. Scum-
-mer melts it, Breaks easily, powder
greenish yellow, smell terrible.
Beck's book, Dr. Squibb U.S.N.,
(Brooklyn U.S. medical laboratory).
Abundant, ranging from 1 to
25 per ct. If bitter good,
good cathartic. Any liquid
does for it. Pill useful form.

alkali helps combining of pills, and soap
helps combat irritability, Aric 1/2
grain, purgative not watery stools,
as opium salts (1/2 oz.), acts only
from sigmoid flexure to rectum.

R 10 grains or more, it does not
make pills. In pregnant women
never give them or to weak re-
ctum. Give bedtime, emmen-
agogue No. It may by its effect
throw help this. Not an
antidote, bitterness kills
them: R as an enema 1/2

AM, & PM. - given by
Oct. 1868 Ludov. Lancet

1/2 3 Trich's doses.

4 3 Ho,

enema 4 times a day (1/3 at
midnight). Enough and (tube).

1 to 3 grains Extr. Sennae
or 2 to 3 grains. Specacis +
the dose of aloe,

Duplicate perhaps some gas
the pure is absorbed at

lymphone, lepton, albumin
peptone, $\frac{3}{4}$ lbs generally,
any one better not be used,
in small intestine muciparous
glands, succus entericus. Liver
they say $1\frac{1}{2}$ - 4 pts. Pan-
creas 4 pts. Action of medicine
 $\frac{1}{2}$ gr. AgO, NO₅ ^{immensely diluted}
^{by fluids} in ulcerated
intestine. Oil in small intes-
tine. Albuminous + Saccharine
(glucose) directly in stomach
amylaceous in mouth, & Emul-
sion. Physical: pancreas & oil,
Bile should be abolished,
- Bile probably anti-septic.

402. Experiment. Bile taken
up again. Dog with bile
coming externally. Turpentine
for disease in liver same arg,
as of AgO, NO₅, Nov 6th,

Jeff. Med. Clinic
Dr. M. S. S. - Young boy,
age 15, Gloucester, Low
Country, When a man's pulse

cannot be felt in *Chills*, however,
it is the fault of the contraction of
the artery. Meigs thinks. (6 weeks
sick, chill double perhaps, (18
hrs, extreme.) (vacine 3, 9, 18.) (simile
of a mine.) (Meigs brought up two,
Augusta Georgia.) *Chills* 1/2
1/2 hr, Sallow skin, *Mercurio* hypo-
Chondria. No enlargement of liver,
spleen but wrong with alimentary
canal. Keep it away now then again
14th day, " " again, 7th
day, off till next spring, then
same order. Rf

4 3 Port wine,

2 3 Fresh lemon juice,

1 3 *Storax*

1/2 3 powdered red bark

℞. 1 tablespoonful every 4 hrs (2)

Dr. Gross, boy 11 years, Thomas

Geo. Harvey takes opiate
cerate, boy was rolled over
by companions. Swelling

Rx Acet. Lead 13
 opic 27
 Whigam 1/2 pt.
 Ho q. S. no meat,
 slight purgative

Sarah Devine, young child, by
 hypertrophied tongue, bluish venous
 enlargement, — Young man,
 Isaac (Jew), humor on forehead,
 6 1/2 years standing, fatty, doughy
 to finger, Abatomatom, cut in
 wrinkles not to make a scar. Dr.
 McWhimney diagnosticated highly,
 wire suture, unusual situation
 Opos. Wargrave, 31, Fore Massat
 12 miles, left tonsil enlarged, cough,
 trouble in swallowing, cavity with
 filled with matter, generally
 in youth. Stomach, local
 Ago, No 5 at first but 4 Cherry
 chronic operation. Cut off,
 keep away from cold, and eat
 slops — Carpenter

young man, too mail, too hyper-
trophied — Child 3 yrs. of age,
Maligra onyxitis, Sirofulous,
Hg, 2Cl generally remedy —

R KI $\frac{1}{2}$ grm.

Hg, 2Cl, grm $\frac{20}{100}$,

Fe I grm $\frac{1}{15}$

D. 3 times a day, bands open
tatto meat. Chlorinated soda

good. [Geo. Steadley, aged
36, 1st. of March last

trouble with jaw & nose, teeth
loose, necrosis, lip hard, 1851 he
had Chancres, Syphilis, 3 separate
sores, Mercury not good in primary
form. Prof. of Dental College ex-

tracted them, tea-spoonful of
Chlorinated Soda with water,

R KI 10 grms.

Rheumatic pains,

He has had too

Mercur. Bichl. $\frac{1}{10}$ ths.

Much Hg.

Merc. 280 Days of age

Taken, "albright's" at

Edinburgh, ^{erious} D. G. C. found

with whites, Whites a

different yellowish lumps.

Mitchell, Alternative Alum
men Chemical nature

of —
various names, solvents of alums,
Incompatibility — chief therapeutic
property — uses — alum curd & whey

Burnt alum, what, uses of,
anionia, ^{portion of, antihotes} soluble alkali, how

got aqua ammon. & spirit of
the difference, external uses
volatile, liniment, vesicant use

of liquid ammonia, External
uses of antacids & Stimulants

Liquid ammonia as a portion,
its antacids, Sal Ammoniac
what, ² contracted with carbon-
ate of ammonia —

An alternative in articular
continually. — Ammonia in

iron glass. Boiling water
2 40 grs. of it, to 80 grs.
common water, — Alum

incomp. with S&B, A,
gonorrhoea, flooding &c.
in intermittent jaundice
colic, in inflammatory
croup, 1 teaspoonful. When
in hemorrhage, put a plug
of it into the vagina. (See
San Francisco Herald). —
Braithwaite XX + VII. — P
of the, in 3 pts, for oph-
thalmia of the eye, in
skin emphysema. — Alum
used in sub-acute ophthal-
mia. Alum when used top-
ically. — Burnt alum for proud
flesh. — Internally for painful
colic. — ~~Antiseptic~~ alkali
Soap, ear drops, hartshorn,
(bones of animal
made). — Sore throat, draw
well hot & soak in strong
ammonia. — Vol. lim.
alkali + oil. — Ferri-
bility of stomach, Mex.

Can dollar, heat it to 200° and place
in hot + strong ammonia solution
dollar outside, till ~~the~~ outside
of them morphia on. In can-
cer used as a vaginal enema,
teaspoonful of NH₃ 3/4 hr
before paroxysm of pain.
Knock it off, when delicate
constitutions. Acid and dose or
oil.

Dickson Nov. 7th.
Spleen Liver more regularly
prominent in bilious re-
mittent than the spleen in
intermittent. jaundice con-
sequent, soreness at stomach
font, muscular cramp, not al-
ways actual neuralgic head-
ache, 2 or 3 days this year.
Tongue swollen, soft rather
crisp. Keep rhythm of
double vertebrae, 9 days
some triple vertebrae. In
50 dies of Dickson's feb. 1848

prognosis,
 look for very high pulse, nervous
 pains, vomiting, inordinate
 thirst, bowels easily moved
 now not formed. too much
 or too little muscular strength
 any great change on the part
 of the man. bowels not hard,
 cholera coli, yellow fever hot.
 Lesions, spleen affected
 liver always increases

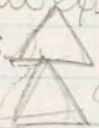
Dr. S. D. Gross. Metastatic
 abscess from effects of shock
 and loss of blood. Digestion
 No. particular poison. On lying in
 female where much hemorrhage
 & long sickness. Generally fatal.
 Ambrose Parry 17th cent.

Treatment, symptoms typhoid, keep
 very clean, ^{supine not propped} place for drainage
 Escharotic (No. 105, HCL)
 2 1/2 gms ^{quina} Str + opium, or
 + iron (Chlorid, Tinct)
 or Sulphur, Urea or N.H₃, CO₂

May be more than one abscess, any of these small abscesses

76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100

wires in centre magnetised
 & react to result. insulated
 terminals of helix, X. primary
 helix in my machine 1/7 inch
 100 ft. long, gutta serena (mag-
 nets inside), 2 wdm helix of
 silk covered copper wire
 1/90th. in diam, 100,000
 ft. long, sailor coil, plate of
 gutta serena bet, break piece
 back currents in opposite
 directions when stoppage. spark
 from ends of 2 wdm helix, dist. possible
 & force. condenser at bottom to result
 effect by absorbing reverse current,
 oiled silk & tow foil (as Leyden jars),
 bring it into circuit. Bunsen bat-
tery. zigzag sparks great in-
 tensity in this machine. through
 an exhausted tube, Ritchie. You
 can reverse current
 commutator. Mitchell,



Brand:

Ammonia - Aromatic spirit
 of - R Spir! am B pts.

Lemon juice 2 3 } good for quinin-
 1 3 } - fits spirit of
 Cinnamon 3 3 } - Salts -
 NH₃, HCl,

not volatile, - NH₃, CO₂ will
 go off. latter more easily present,
 mucous, all other alkalies, re-
 sults, as a gargle, for throats,
 - intermitting fever ~~phthysis~~-
 relief for old persons

gum arabic 1 3
 - water 2 2 4 3
 3 gms

Sol Annon. 5 gms
 - Neuralgia ^{cephalalgia} 4 5 gms Sol

Ammonia in 3 doses,
 (1/2 hr.), Symp of orange peel
 - neuralgia, - HCl. 1/2 3 +
 Camphor mixture 1 hr.
 - Ammon. beer. - NH₃, CO₂,
 over the hot water, - julep,
 5 gms. in bolus,

R. Ammon's Carb, 13

White sugar + aa 23

pure anabre
water

53

℥. 1 tableful (in typhoid pneumonia as stimulant & expectorant)

- *Scarlatina maligna* (London Lancet 1860); *Broadmark* XXVIII. 3 to 7 gms, all acid drinks forbidden.

- Emetic, great prostration, warm water, for hiccago. - Ammon's acetate, make it neutral, - for bilious remittent, purge then this the quinies sulphas, disemhent, diaphoretic.

Sedative - mumps ~~of~~ purge, then this on spot, Smighson

Food taken an hour before death, air in stomach of criminals, (19)!

Small stomach	11.00	71.45,	14.00	Small, 3 55.
Small intestine	00.00	20.08,	24.39,	65.58.
Large do.	01.00	51.03,	43.50	5.47.

Liver has doubtful use, pancreas makes emulsion.

parercas like saliva secretion,
 small antechine secretions succus
 entericus, fetal ~~odor~~ when it
 comes to the caecum; vermiform
 its appendix (no function), for
 bal peritonitis from body in it.

perityphlitis, enema, make
 mats maybe some digestion in the
 colon, in man we think not.

4 oz^t, experiment, 1/4 oz. ~~solid~~.
 - ~~compact fistula armata~~.

enema, some Synges
 pass above the sigmoid flex-
 ure, air in colon believed
 by passing tube into sigmoid
 flexure.

4 hrs before death,

	O ₂	N ₂	CO ₂	Inflam, gas.
From Stomach,	00.00.	00.00.	00.00.	00.00.
Small intestine,	00.00.	66.60.	25.00	8.40.
Large " "	00.00	45.96.	42.86	11.18.

A. Dickson, Nov. 8th, 1862
 Liver. Some men say that the
 ceases to work into pus and

1 lb. more in remittent fever
than usual spleen easily frab⁶
In yellow fever " all right,
dejection of spirit, elevation of in-
testine, & acclimation impossible
for white race against malaria
& dark races take it less, Negro
man best, likely to be extermin-
ated. One attack predisposes to
another. - Yellow fever can be
kept off from another attack,
(only acclimating fever!). NO ex-
cess of exposure, Cotton best,
Lycoperis garment best, (Jas.
Jackson.), Don't cure it,
Treatment, don't trust to average,
but care for the individual. NO
little or much (eclectic) medi-
cine, quinine & Barkhart's
short time no " long time some
quins, wait for remission.
Lancet [Gross, promote
aggravation. - fistula &
sinus. 1. canal to dis-

Sexual organ, cavity or tube,
operation, or cleanliness & astrin-
gent lotions. Sinus / orifice fis-
sule 2: granulation, change
action of part, very vascular,
scarlet, has veins & arteries & ab-
sorbent nerves, made by lymph &
makes lymph healthy, pus also
is effused. This may be diseased.

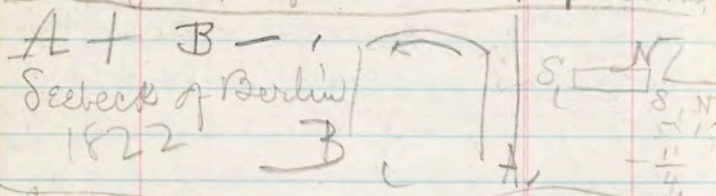
Never wise healthy action here,
— Circumcision, (at circumf,
1st.), bluish line, no sebaceous
follicles, no sweat glands, no
hairs, muscle never reproduced.
fibrous connection generally, more
liable to disease, in Scalds con-
tracts. Protect part, — atrophy,
due to setting; — hypertrophy.

— Chronic inflammation.

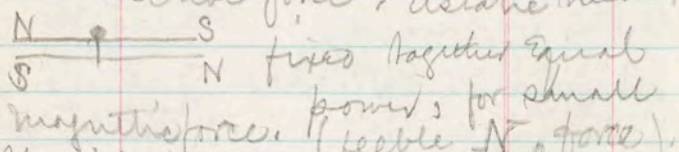
No rapid action or cure, laxa-
tives, alteratives, — Tumor
or morbid growth, Enlargement
of a part from super nutrition
or new formation. 1. benign, 2. ma-
lignant. 1. hypertrophies.

2. vascular. 3. adipose. 4. horny.
 5. fibrous. 6. cartilaginous. 7. bony.
 8. calcareous. 9. nerve humor. 10. en-
 cycloid. 11. hydral ^(animal). 12. polyoid.
 12. Marrow-like humor. II.

1. Scirrhus. 2. Gncephaloid. 3. black
 Cancer. 4. gelatiniform. 5. Epithelio-
 ma. (modif. of Scirrhus.) [BAGHE]



Magnetics. black oxide of iron,
 - Directive force, astatic needle.



Unlike powers to generalise,
 acts through glass, & various
 dip, intensity. The eqo,

oo where on a line from crown
 of arch to 4th. segment of
 Sacrum 1 1/2 in. from other end.

To counteract Acetylmus.
Tell women to use leucorras
and keep mammae up by
bands if necessary. Keep a
woman's face & body right.

Dusselison. There are absorb-
ents in the colon. There is a
band of muscular fibres a-
bove the sphincter ani. Ileo-
caecal not a perfect valve.
- Thirst from wants of system,
and but we feel it in the mouth,
Mind, soupy drinks go right
and albumen becomes absorb-
able albuminose. If albumen
well in blood vessels it is
greatly coagulated. Milk is coagu-
lated, alcohol directly (condiment).
fibres longitudinal & circular
peristaltic. Gas in stomach
helps peristaltic action.
By mouth from interior of body
& food decomposed and gives
form to intestine. Air may

Come from anterior vessels, may
not, muscular fibres of 'insectus'
contract without nerves, 2 Heat
of stingers for 30 hrs. when out
of body. No nerves in plants,
(Mimosa), - Anti-peristaltic
action (emetic). Terresaccon
growing, - Da Costa,
pressure gas Sympa-
nerves,

Wallace, - Three fracture
near nutrient or nutrient
foramen greater part of pro-
visional callous found only
than in other cases, (Gross
does not reach this), acromi-
on process $\frac{1}{2}$ in, beyond
glenoid cavity, versed
line of it $\frac{1}{2}$ thick,
comes from overhang $\frac{1}{4}$
in, less than acrom,

Nov. 9th, 1861.
Jeff. Clinic, Dr. May's.
(It has been wet & raining about
Every Clinic day since the term
commenced. Hence the frequency
of patients.) - Man, coat-maker,
Ages 40, voice changed, 18 years
w/ spit 1 pt. a blood, 240 C. in
in lungs about 160 in. at a
time. Lungs if emptied is drawn up,
measured & percussed measure chest on
each side, Chronic bronchial irri-
tation, ^{wasor of lodge} ~~wasor of lodge~~ ^{Went} ~~Went~~ ³⁴ ~~34~~ day
watchman for the Amboy R.R.
2 years railway accident. Blood
more coagulable the more you draw.
emboli suggest undergo fatty
degeneration and then be absorbed.
Lay wounded man down, head lower
than body. Tubercles concretion
of concretible elements of heart
drawn into pulmonary artery.
He spit blood. Make cut.

Ev. Davato's fortune } Dr. Gross,
Jus. Comfort aged 10. (Bucks Co.,
pendulous conical tumor at umbi-
licus (congenital), colic, pain,
hernia. Shows have been a mass
at first, omental character,
irreducible, If no operation then
diet thin carefully & give
elastic mass. — Child, has
ancluphysis (chromous diathe-
sis). Barbone Smith
4 years old, osseous. Caries
acrie, neck joint, synovial mem-
brane probably gone. Repeat this
next week. Limb nearly straight.

— Samuel Brown, 45 yrs. ulcer on
arm, 7 years ago commenced,
superficial ulcers. Venereal, —

Rx KI 10grms. Teshans
Hg, Cl₂ 1/10" Syphilis.

(NH₃, I is used.) 3 times. 24 hrs.

Better not give Hg in primary or
secondary. Diet well purge

R Blue mass 5 grs,
Colocynth Ext " "

Local, Acid H₂O, NO₅. Keep
eyes up elevated.

Mary (Rich^{ts}) mother of 5 years,
Tumor at shoulder, little discoloration,
& enlargement of subcutaneous veins,
12 or 13 years standing, benign,
fatty, no pain, seldom on forehead
or palm or sole. Sometimes ulcer-
ate, migrable. "Don't Rmother me,
Quick" nucleation. Capsule
(condensed cellular substance).

— Joseph Harris, aged 25, 4
weeks, 8 days, chancres, be careful
yourself for infections. Break up
adhesion of foreskin. Inject Acetate
of Lead 1st. Soap & warm water.
When lint. patient. don't ~~it~~
slit for prepuce if possible.

Mitchell. Preparation of Am-
monia concludes, Ammoniac
gum its true value. Amyline
Amylum, starch, uses, Amos,

Phlegm, Auspice, Antibacis, Antago
Rem of poisons and disease
Antihelmintics - Isthmias Nobilis
Antidote, Anti-inflammatory,
- Antimozium - Sbrum, anti-
monal, Regulus of oxide antimony
Erecting Pills, Glass of anth-
mony, Calc Antimonic, Tar-
bar emetic - other names, has made
Solubility of - Incompatibles, Oxy-
sals of the best form to purchase,
Therapeutic powers of, —

Ammon' phosphate - for
chronic rheumatism & for
acute, Ammon' phos. ʒ ʒ.

Pot' Nit. ʒ ʒ

Tabar emetic ʒ ʒ.

Water ʒ ʒ.

D. tablespoonful 6 times a day.

Amirché compo. — Benzate
of ammonia, Gout &c. Drops
&c. diuretic, in Bengt's dis-

case, s. 20 gms. in sweet water
3 times a day, — Nitrate of Am-
monia, Braithwaite X L III,
Increase oxygen in blood, 15 gms.
3 times a day. — Ammoniohyposulphuret,
Diabetes m — s.

To lessen power appetite for food,
Dose for vertigo, — Ammon.
valerianate, dose of Scharbe,
4 gms. of ~~the~~ Dose, but gen.
fluid, Neuralgia. Under

NO_5 lac ammoniac (Stu-
arts), NO_5 + gum ammoniac stimu-
lant expectorant, — Chronic
bronchitis Williams of Cork.

Sugr ammon, 2 gms

Opicase, $\frac{1}{2}$ gms

Morph' muric, $\frac{1}{6}$ " } pell;

Carb' ammon, 2 " }

— Amylum demulcent-for
burns of or scalds. — See, other
etc. used as anaphetic to
keep up opium-eaters. —

Arodyne relieves or removes

pain + ~~pernicious~~ brings
on sleep. Treat, rice, laeet
Acid may act as antacid.
Arsenic + opium contraind.
- Camoquine, simple bites
Intermittent; - Discontinue
anodyne, - flowers skived in
vinegar will lessen pain +
swelling - to prevent or de-
rect suppuration in ery-
sipelas, (14 to 20 days), -
antimony - crake is S.S.

Mercury, antiseptic version +
antiseptic version keep full
bladder, forces it back.

Dickson, Nov. 11th, 1861.

abortive, - cinchona, laeet,
palliative, laeet, coe's bath,
(not of tea). malaria is
accumulative, - less depletion
safe now, since 1836 laeet
get under cloud, in local
heat bleeding. keep also

in eye reflex action, no coes
but in Sweating, or of Comatose
disposition. Risk in Children
diminution of febrile heat keep
in view, at times, antimony
is used on some (poisonous).

Latent 21 (longest in one case,
Exceptional Remedies, Ghar-
tin good. Remission, calomel,
~~Fr. Fr.~~ I prefer phubarb
Salts.

Dr. Gross. 1.
Hypertrophic. (glands = dermatophore
neck, swollen, Enlarges tonsil, gumma,
prostate gland, sebaceous. Treat-
ment, soft agents at first, generally
the knife, ^{if possible} 2. vascular (nodus
maternus.) always soft, frequent
beating in it / synchronous with heart.
Dr. operations, ligatures, caustic.

3. Adipose, Three seen 200 at
Somerville, Gen. solitary, Treat,
knife - 4. horny, (probably se-
baceous, integuments of over
root, ribes, CaO, PO₅, albumen

4. Neuroma maturo (from skin, ap-
rarely in Extremities, Treatment,
Exercise, 5. Fibrous, (artic. in
Uterus, or 100 Grs. tough, no in-
dentation, a form of fibroid ^(recurrent) to malignant
but generally non-malignant, Treatment,
knife, 6. Cartilaginous, rare
(in ovary & bones (vertebrae?)) not very
vascular, Treatment, extirpation if
can be reached, Likely to return
7. Oseous, (Thighs, jaw, or toe,
Skull), may have cartilaginous de-
union, Cyst often (plastic matter)
esp. in long bones. non-malignant.
Ivory (dense). May lose its attach-
ment. Treatment - Surgery (Not
Syphilitic nodules). 8. Calcareous.
(Rare) Knife, Grow lymphatic
Ganglions, 9. Nerveous, (Pain-
ful Nodule i). In inside of nerve,
When stump is got, shave off nerves,
Slow, painful, Treat, Knife. Nu-
cleolar, Amorphous gen. very pain-
ful, very small, brown with small

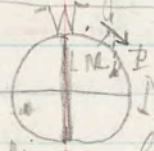
Currents in contrary directions; on opposite sides of bar.

nerves, Knife; (fibroid), 10, Erythroid
may be congenital, ^{single of} germ, ^{progenitor} multiple
multilocular. (ovary) Contents dif-
fer - Treatment Knife, puncture
Seton

- 11. Hydatid, (little ani-
mal, in liver &c., acphalo-cyst,
Cavity (false membrane) is a house
for this, Little black granular bodies
in these little animals, with beaks
&c., & independent life after a while,
Generally short lived (12-18 mths)

No diagnosis

Bache, sup



Elec. Magnet. 1819.

Overed, Jan

Thermo-elect. batt

little
available, ~~current~~ ~~effect~~

currents around the organ
at current, iron filings hang
together not to metal but
(magneto).

- Holt's shell has a cross, be
comes magnet. non-ically

speaking. In one direction
current then another, helps

strength, hetero, metal

bar.

Vertical text on the right margin, possibly a page number or reference.

Ampere's (2) person he is the
wire from head to feet look-
ing at it End towards head
Nights hairs will be N. per
sonified current. (man stand-
ing up,) Magnetic field. Am-
per's ring, Iron temp. Steel
permanent magnet. & horse
shoe iron. (wrapped by conjure-
tive iron. Telegraph ^{cow} saturnite)

Magn. women Secant Cas
CO₂. 3/4 inch tissue paper
wound fine wobb. Tubular gland
glands, ovary, 1 out of 15 have
short belly too small for
gut. " bearing down. (4 in,
from coccyx, ^{line of weight} retroversion
to this (too full bladder.)

Dunlopson.

Parthological Aberrations.
Indigestion. Table.

1. Buccal. 2. Stomachal.

a. from too much acid,
b. neutral, c. deficient pep-
sins, d. deficient movements,
e. atrophic. — Phenomena
of stomachial indigestion,
1. emetation, 2. Regurgitation,
3. rumination, 4. vomiting.

Every serous membrane is
shut sac eye, no female
fallopian tubes, not a single
viscous ^{body} inside serous memb.
to the heartburn from acid
stomach $\text{NaO}, 2\text{CO}_2$; Sac-
charine can turn into lactic
acid. Heart-burn restrict to animal
food. Sugar of milk turns into
lactic acid. — Strong coffee helps
my (Dr. D's), stomach head-
ache, alkali ~~for~~, Char-
coal, (ginger + NaO, CO_2), no
tea or coffee (sugar in it
wrong. Not the articles), 1.
reaction of articles, 2. action

on stomach. (extra sec. of HCl);
c. don't put pepper in, give tone,
d. friction over stomach good.
Rest. Travelling to helping ^{nerve}
Diet, (animal), pneuma
gastric nerve, e. irritation
of lining membrane. (biscuit
cracker, (boiled milk, rusk,
unleavened bread.)

Nov. 12th. 1861. Dr. Dickson,
Cathartes valuable. 1. depletion.
2. revulsion. 3. depuration.
calomel, ipecacuanha, castor oil
act on liver, (Epsom Salts +
Rhubarb S.K.D.). Quinia when
marked remission (A.M., after
attack,) 5 or 10 grs. More ex-
periment. Aldazine, Remedia
best L.C.C. + Opium. Tinct.
Cuphorata, Tinct. coed. H.
Pain down the spine, nuxtom
& friction local. If in

permission in with Cinchona.
- If bad symptoms, deplete or bleed
if inflammatory. If no place
for this, use with mercury. If too
much purge, astringents & opi-
ates. Tell patient what he is taking
Energy. Salmiak if necessary.
(Alburtie) Febrifuge.

Rx. Ant. Tart. $\frac{1}{3}$ grm.
- Still worse Aug. Stimu-
lants. - Convalescent, into inter-
mittent, cinchona, Mies cathartica,
(also + Rhubarb). Astringent,
Consult habit in food.

Dr. Gross. 12. Polypoid, (mucous
throat
Stomach & rectum & all mucous
outlets prolongation). In the rectum
in children, sort of a pedicle.
has mucous covering & becomes
granulated nose. 1. gelatinous. 2.
fibrous (occasionally malignant). 3.
vascular. In uterus 1. Same as 1,
2. Same. 3. - 4. granular.
In bowels usually number 3.

May drop off, Remedy, evulsion,
forceps rotate, ligatures, Excision
(objectionable). 13. Myloid, Soft
like brain. (Ovary, Liver, etc. I think
it is Encephaloid. - Extirpation,
when not inconvenient or any trouble
let it alone, - prepare system, laxa-
tive 2 or 3 days before, rest of body &
mind, sw. Keep near mass. be slow.
Take all out, don't tie every vessel
as you go, compress, sponge away
all blood, bring together if no fear of
2ndary hemorrhage. Cut one end of ligature
off & bring other out, compress & strip,
Easy position. If much blood, milk
punch, quinia, iron, if not, anti-phlo-
gistic, anodyne, dressing on till 3 or
4th. day. - Malignant.

1. liable for all persons, anytime
of life? In all the tissues, gen.
Glandular. 3. peculiar deposit,
Soft, then hard, 4. Protein
principles of blood. Low
berich, form important

connections. Involves neighboring lymphatic ganglions. Nothing of this is too benign, - Composed, 1. has basement tissue, cells oval, rounded, caudate, cancer juice. Tendency to return, They are constitutional affections, - "malignant, unrelenting, unforbearing". -

1. Scirrhus. In old age after 40. ^{never heals.} (mammary gland, liver, & uterus). Nodule or stratum, may be a number. hard. Tendency to approach surface, becomes open, ulcer, low grade of vitality (9-18 mths.). It has ^{sheer edges, true bottom} everted edges, yellowish look, no granulation, It is by silver probe, bloody or watery discharge, nerves, ^{into blood.} Cyst, yellowish-white color. 2. Encephaloid.

1. At any ^{per. (20-50.)} period of life, 2. (in mammary gland, liver, lungs, bones, brain & eye) 3. very rapid, 4. Greater bulk. Has brittle blood vessels, ^{medullary character,} break soon.

Bache, current N to S,
one needle (a magnet steel) above
& below & one below in same di-
rection go to needles to contrary
directions. In other S. to N,
the needles change about,
1st. to W, 2nd. to E.

Same - opp - contrary -
(direction) (side) (deflection) Rule
Contrary - opp - Same.

Thompson ^{current} face the needle to
observe N. end, the N. end al-
ways turns to right hand, (lying
on face or back as ~~curve~~ needle
~~below~~ above; - Personified
Current, applies to laterals,
on sides, transverse. (dip needles)

Mitchell, Cups of Sulphur,
of Antimony, Semi vitrified
oxide of Ant; Antimonial lime.
Calx = oxide. $Box\ K_2O, 2\overline{P}_2O_5$
+ $5\overline{S} = O_3$ to get Jar! Emet. In

Compatible, Strong or weak acid.
Buy in crystals. If deliquesce
not true tart. Emet. Test. By
Ammon. hydrosulph. In cerebral
excitement $\frac{1}{6}$ dr. grain, (arterial
sedative) nauseant, emetic,
poison, counter-irritant, rubefacient.
Roch's powder.

Saltpetre 13.

Tart. Emet. 1 gr.

12 powders 1 every 2 hrs,
add Calomel or morphine if ne-
cessary. Tasteless.

1 gr. in $2\frac{3}{4}$ Water, teaspoon-
ful. — External, oil, cerate,
or Burg. pitch plaster. Pusillate
only in chronic not in acute.

Burg. pitch spread with hartshorn
by spatula when cooled. Never
put where sores can appear.

Tart. Emet 10

Boiling Water, $8\frac{3}{4}$ filter & add
 $2\frac{7}{8}$ rectified spirits

2 table spoon = 1 f 3. This is for the old
antimonial wine - 10 - 30 M
diaphoretic. ^{cred + not to be} ~~Group~~ Reduce ^{system,}
^{blood & lettings.} first, then emetic. - If vomiting
too hard ~~antimonial~~ wine or strong
Coffee, or tannic acid. - Contra-
stimulant, old practice, wrong,
too much. Chorea 30 grs
a day. but 2 treatment,
delirium tremens, Emetic,
emetic, chew opium, (1 gm,
Mew.). Milk of assafetida
sulph: quinine to keep up
system, James's Powder,
(S.A.O.), Chloride of ant.,
Escharotic. - Poison by
Iast: Emet. pump warm
water in, proove the vomiting
strong coffee, Tannic acid.

Dungherson

3. Duodenal Indication

Erectile.	neutral called <u>glau</u>
Diarrhoea,	alkaline <u>saline</u>
Dysentery,	gastro, <u>erectile</u>
Sympantex.	friction, <u>constrict</u>
Forces of colon,	<u>irritants</u> , —
	Some have vomit- ing at pleasure.

Child: depressing dia-
phragm brought up ^{by} ab-
dominal muscles.

4. Vomiting, Emetic put in blood
will produce effect sooner.
Emetics go into blood, Few
primary causes of cases
of liver disease, Generally
had to give cathartic in
disease of duodenum &
entire irritation, — Diar-
rhoea, little laxative, — Dy-
sentery, — Sympantex (air
from vessels around,
by osmosis) — Colon, want
of secretion, stimulate
Weak saline solution + ~~off~~

Sulphur Irons, (Constipation),
Pancreatic, (pepsin of pan-
creas), $1\frac{1}{2}$ ^{gr.} going around
in stomach.

Wallace,
bend in joint of arm (elbow).
dist. 2 in. inclination of edge
of humerus at elbow \rightarrow $1\frac{1}{4}$ in.
Front of " " from right axis =
axillary - pronator diam. —

Backe, When current is changed
needles change, but when one cur-
rent goes N, another S, the needles
of an opposite side go in same di-
rection.

Nov. 13th. Clinica.
Dr. Meigs, (Chas. girl) $4\frac{1}{2}$ yrs.
Look at ^{diaphragm} also note whether ex-
panded or not, - throat neck & limbs
See tongue all right, different
Ores, Ear ache, Catarrh of cavity
of drum, Swell of foot,
paint mastoid portion with Caonther-
us colodivum, (little counter relie-

hant, (nervous smuffing). Put a close
flannel cap on head till catarrh
ceases.

2. girl of Oct. 2nd. 1st case,
100 more gms. of Fr. by F. (Paris).

3. ^{Mar 4. 700} ages 16s headache since last
Christmas, sensitive head touch.
Neuralgia of the scalp. Motions of
head hurts her. Anesthetized by ether.

(Merip don't use chloroform but extract
net keeps her quiet. -

R, Quin: Sulph. gms XXX

Aque Puree, ℥ iii^{ss}

Symp of Gum, ℥ ss

Aromatic Sulph. acid ℥ XXX

- up to quinine used (breeding of
ears. 4. 7. 1840 - ages 40,

wearer, small teeth, 4/6 & mumps,
bad tongue, nothing pulmonary,
Cough for 6 weeks, stomach cough

R. Plummer's pills 5 gms.

Dr. Gross, 1. young girl

3 yrs. ~~3~~ - Tumor on ball
of eye. 5 months - Standing.

encephalo's disease, in retina
first, can't cure it. - No opera-
tion, shock to system if done.

Melanchoy. } 2. Humor under
tongue, encysted, bluish color,
closure of glands. Ramulae
either like frog belly or when
large, croaky voice. Open cyst,
paint with Iod. Tinct, rub
Lak's saliva. } 3. Anna Clive-

land 2 yrs. Humor, congenital,
benign, serous cyst degenerated,
on neck. Doubtful, come to of-
face. } 4. - Kilt, 6 years, dead
bone.

1. Pancoast, colored woman
20 yrs. age, Delaware, cut the
cornea with egg shell Lik-
ke black spots (choroid coat).
varicose veins, other eye la-
chrymates intensely. Enucleate
ball for it is useless & other eye
will be hurt if it is not re-
moved. - 2. Cicatrix from

Scars, cut cicatrices off, cut bot-
toms off, and muscles if affected,
straighten neck, & put healthy
skin (plastic), then there will be
no more contraction. Risks - Ery-
sipelas. (1. Pt like amaurosis,
strong man). Cut muscles in suc-
cession. — 2, young girls with
Cicatrix } Men's, contracti-
ty of unused tissue. For
instrument — good in
the version of the womb & pro-
lapsus. If this will not do
use a pessary.

Mitchell - Antiperiodic,
Antiphlogistic - Apium Pe-
troelinum, or Parsley, Common
whole family. Sweet's
Apium, a new product of Pars-
ley seeds, has got sensible
qualities. Uses dose, - Aqua
Water, bladder in 'prescriptions.

filtered & distilled water - very
ancient remedy, use of cold
water, ^{ice} hot & warm water, Blis-
tering with boiling water, ^{Hot?}
Arbutus was used, a tonic
diuretic (Dart, Emet. used
is to correct drunkenness by
putting in liquor), Substitute
for Ergot, Archimedes lappa, or
burdock, Argentum Silver, use
of metal, oxide &c, the Nitrate
they called Lunar caustic,
how lunar caustic differs from
Common caustic - Uses of the
nitrate, External & Internal,
Spitol said to be for Sulphur,
Quin, Potash nitrate XLIII.
Don't write aqua for his, apt to
be mistaken for Form. -
Distilled water best,
- Ice good in Cholera
uterine hemorrhage. - Water
bath good for Colds.

Hot water in neuralgia. - Urea
used, KO, NO₅ will help it
~~for~~ for dysuria. Incomp. in the
iron, - 15 gms, (infusion) to
promote parturition. - Bur-
dock decoction of - in obstinate
cutaneous diseases. (old woman)
Take spoonful doses, - Silica
Some say for Syphilis, Epilepsy
(carrying coin to keep teeth
unhurt). Luna = Silver,
- common caustic, white, deliques-
cent, and intense escharotic,
- Solution for ^{Ag^o-NO₅} ~~crisp~~ petals
Nigella bottom 40 gms, to
Zn aqua for subacute 1/4 gms,
No Zn eye glass. - for
obstinate vomiting in child
brush & paint fauces with it.
- In croup / 20 gms, to Zn,
- for recording & pitting
in small pox of 4th day
of pustule.

Dickson, Nov. 14th, 1864.

Knew a man who gave enormous Cathartics a man of large practice; he has seen him present for 115 patients a day in private practice. — In typhoid, febrile in tinitus, when remittent has. Dropsy temp. also in " " that completely ran on from typhoid, see cinchona, diminution, — Congestive fever, — Neuro-mid, Pat-
her calls it Collapsing.
This might itself with other forms, I see one case cold hands (by ice) stopped vomiting, gastric fever, quinine, tertian & no quar-
tan — nervous affection of solid tissue, like why in remittent. Not Malaria as general. pot. Sulphate of Quina. Ether, brandy,

Therapeutic good (especially for
Moracic wine glass for adult
less for child t. s. ful.)

Dr. Gross. 2. Amphelast, blood
vessels of its own after a time,
distinct capsule often. process
out in, basement substance
Cancer, cells round, oval,
or caudate especially, 1. Much
albumen, 2. white & red fatty
matter 3. osmazone 4. fibrin,
H²O P²O₅ the 3rd. being not
too hard matter. In all parts
of body. - of the eye, generally
in youth, testicle in young
adults, ~~mammary etc.~~ 3rd. sore
- inverted edges, red surface,
more copious discharge (bloody of
New.), never heals, pain slight,
nerves not compressed, lymphatic
involvement early, will reherny.
3. Epithelioma, outlets of
body. (Suppur, cancer,)

Same as, lactating, between Men-
strual & Cutaneous structures, germ,
after middle age, little cracks or
tuberculous Excrescences, which be-
come from sharp lanceolating
points, more localized, (period
12 - 24 mths, cells rounded,
ovoid, caudate, - oil glands, 4.
gelatiniform, Colloid, (ovary
albumen, casein, adipose, omentum
mammary gl. pituitary
peritoneum (most part) inter mus-
cular tissue). After menopause.
- tubercular surface, quite re-
sisting, same structure as other
+ jelly like substance (not organizable)
cells laterally communicate, rapid
latent progress, little pain, little ul-
cerative tendency, 5, melanotic
black cancer (rare as no. 4 is)
at all periods of life. May when young,
often simultaneous in many parts,
(bowels, liver, pancreas, heart, old
man at Louisville, I. Grows in ram,
in bones, Constitutional. Same form

of ~~cellular~~ structures, readily
mixes with water, Chemistry has
shown it albumen, fibrin + dark cry-
salline, Lies in cellular + ad-
ipose tissue, 9-18 Acts, ulcer,
Nerve heals, pain lancinating (Sci-
rhus. —

Diagnosis, origin
gen, no assignable Cause, Some say
external injury, many without
Cause who are in exactly same cir-
cumstances

Bache, Thermo
electric rectangle brass + german
silver Needle in it, current
from A to B along cony. wire. —

Thermo-electro magnetic ex-
periments. contract of cord & heat
makes effect, see on top, Thermo
multiplier, 1832 by Saxton & a

French inst. maker, Magneto-electric
Cipri, Potation, Page of Wash^{ington} two
keepers magnets. — If a baral-

ready magnetized be placed across
an electrical current with
N. End to right hd. of person, current
will saturate. — with South

pole to right magnetism will be
weakened. They mutually act
on each other jumping helix.

part N. end down, increases
both magnet & helix's contraction
& part S. end down conflict &
lessens the power of both.

~~Rumex~~ ~~off~~ coil, Copper helix
part bundle of soft wires in
helix, mutual increase. ~~ook~~

One fellow took whole dose.
union of both powers in in-
struments. Mitchell.

disease of the worms - $\text{AgO} \cdot \text{NO}_3$ (in
16 days at most), powder of this

& onion root, snuff it up
- 2 or 3 qns to 13 of Lard,
- for ascarides, injections

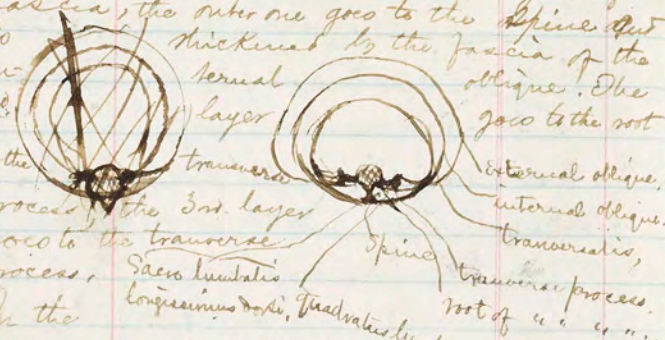
Frg. N.H! 15 qns,
20 43

Chronic laryngitis, Green's
plaw, stick caustic on to
rima glottidis & inside.

for Writting Confls, Swollen tonsils
Fungulous, - in burns & scalds,
- in fissured nipple, (stuck),
- fissured anus - incontinence
of urine, (habit.) - Bennett's
treatment of os uteri, - Bleed-
ing, from Extracted tooth, putting
it in cavity of Dry Nit, - for
diarrhoea of typhoid fever, - bad
as dye, washes for the KI, -
Internal, epilepsy, Chorea, ʒth,
grs. 2 or 3 times a day, can be -
Rough it & Ext, of quassa,
(1 gm.), Appl to blacken skin,
This is decomposed & metallic
silver has been found. - Maxw
with doses, 30 grs. at once,
for Cholera. Cholera infan-
tum - Motus sensibility
of bowels. - Poison. Muricate
of Soda. antihist,] Parcaost,

Evening lecture, Nov. 14th. 1861.
Operation on subject A to open into fatty matter
back of colon to relieve from abscess, - also
for making artificial anus at this point.

The Transversalis divides into 3 layers of fascia, the outer one goes to the spine and is thickened by the fascia of the oblique. The 2nd layer goes to the root of the transverse process, the 3rd layer goes to the transverse process. Saccus lumbalis. In the longissimus dorsi, Quadratus lumborum



upper space formed by two layers are the erectors spinae, in the lower space formed by the two lower layers is the quadratus lumborum. - The rule to cut is. (There is no peritoneum at back of colon,) place patient on hands & knees, cut at outside make incision 1/2 way bet. crest of ilium, (parallel to this) & lower ribs as far enough from the spine to avoid the erectors spinae. cut at outside edge of sheath of latter & at edge of quadratus lumborum. - draw colon out (cut by vertical incision through it) and bind by 6 ligatures (as splint) will be formed by muscular fibres

left side of loins is beat.

Dickson, Nov 15th,

Quinia strong doses
as high as 30 grs.

No venereal infection
+ fever (remittent) of few
No ~~brain~~ brain starting band
No heat, redness of eyes,
Cathartic at once Colomel castor
oil, resinous (not to get watery
stools), Tapid bath, pour
ing on head, - Mild opiate
all night. Dr. Gross.

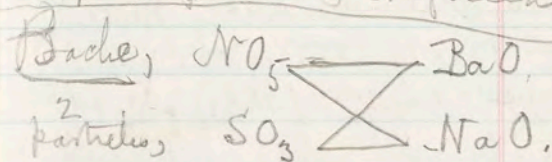
Cancer cell not found in blood.
Sarcoma + epithel. late in life, - and
slow progress, - Canceroid small,
- Epithel, cauliflower Excrescences
often, - Collors obscure diagnosis,
- hereditary often, again in several
members of same family - Treatment,
nothing in Materia Medica. In bone
as head etc, cut limb off. Enceph-
loid (amputation saved arm for 7 or
8 years. if localized, - Intesticles,

4c. Tell him it will return, not operate
if hereditary, if rapid progress, if
not localized. If foul air perhaps.

— Prepare patient, mild laxatives,
body & mind at ease, (6 or 8 days). Operate
fast. — Elliptical incision, tear,
processes out. (eneph. of two encyptid).
Guard agst. bleeding of part, try to
unite by first intention not by granu-
lation. If not integument e-
nough, flap not good - often
studded by tumors in second
trouble. — Cut away, if local-
ed. One woman, ^{marriage 40.} 23 operations,
53 tumors, (Scirrhus). One can-
cer 20 years, anodysms,
local & internal.

Scrophulae. Tuberculous, shrunken,
(swelling glands at neck like hog's
neck), (1 out of 4 die of human
race from this). "absurdity, gen-
-Alman to separate Consumption
from Scrophulae. (Cornelius,
Doast always see Tubercles,

tuberculosis, (all ages & conditions).
 20-40 tubercular consumption, Pott's
 disease of spine in youth, so com-
 mon peripneumonia, ^{on neck} arachnitis, - whatever
 weakens system predisposes. - poor food,
 dissipation, disease, confined animals.



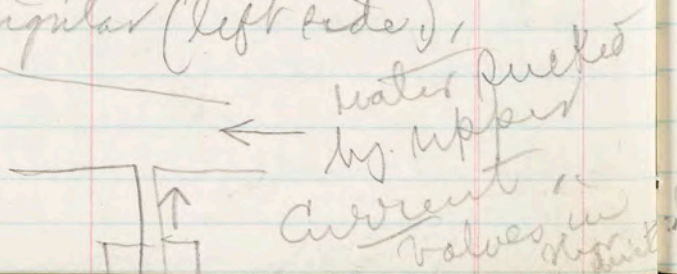
$\begin{matrix} \text{OO} \\ \text{HH} \end{matrix}$ 15 primary forms
 of water.

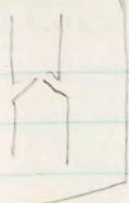
A. E. J. $\begin{matrix} \text{Wells} \\ \text{infra orbital nerve} \end{matrix}$
 1 3 2
 for years hyper-æsthesia,
 little red dead + lead, —

(Morganst. bet. Race + Vine, Sank
 + Elizabeth, S. Site
 pesary, (for poor grape-vine
 umbrella stalk split, &c.
 warped. - glass silver gold
 coats ball shall be kept for
 years, - pulling the hair
 this may make external end

inflame & close after years,
Drill & gum - ripen for Dr,
Physic's globe pessary.

Duodenum, lymphatic, 1. Serous
Coat. 2. involuntary muscular
Coat. Mucous Glands
Some think ^{have} a fibrous coat
(every thing has this) (to absorb)
to change fluid, ^{blood} - begins to be
formed in the mesenteric ~~glands~~
Chyliferous vessels, composed
in mesenteric lymph & chyle
(nutritional blood) is of same
= liquid sanguinis different
pours into thor. duct at 3rd
lumbar vertebra & pours bet
Sub. Clavian & internal
jugular (left side).





100 mes. ganglia,
 1st. through liver
 to stomach and
 as above villi,

Wallace, ^{of index finger} first metacarpal
 goes in towards shoulder $\frac{1}{8}$ th.
 inch more than general meta-
 carpal line.

Jeff. Child, Nov. 16th. 1861.

Dr. Meigs, Young child here
 before, paralytic of lower
 Extremities, (Oct. 26th. clinic)

Q. V. Iron to A.

George Wilson, aged 37, Sick
 $1\frac{1}{2}$ years, nasal tone, machinist,
 no uvula, trouble in carrying
 fingers over mouth to create sound
 of respiration. Asthmatic.
 always ~~spit~~ blood.

Mrs. Ward (B.). 9 months ago confined,
Cough, been taking cod liver
oil, 120 pulses. dilated bronchial tubes,
R_x Veratrac 10 grs.

Adipis lact. & Zitt,
liniments over heart part for 15 mts,
(be ware poison on mucous surfaces),
young child 12 months, If child has
had Summer Complaint & no wind-
les on thigh. After some froel, this
will pass away. Use Com. in
Strawberry time, ^{or} (when sea
bass come). ^{or} Nothing (and second
10th. of June. & 10th. of August). Colon
granulates, Restraining treat-
ment, ^{10th.} Clusamm^{us} after food, &

Dr. Grob. — Sarah Park,
aged 15, Armstrong Co, Pa,
— Eye affection 8 years, light for-
merly offensive — Inflamed
conjunctiva Congestion, Eyelids
adherent, — Humors of thal-
mia & lachrymation, tongue

good, rapid developments. - Regular systematic

Blue Masses (5 grains) - 2

Comp. Ext. Colocynth, 3 " } 2

aloes 2 " } 2

Dartar Emul. 1/16 " } 2

Every 4th night

4 tins. 24 hrs. Saline & anti-Moniac Mixture + 1 1/2 gms. Quin. Sul. + aromat. Sulph. acid + MgO, SO₃ - + 2 drops veratrum viride tinct. - + 1/16 gm. morphine in water with Sugar, -

Totion - infusion Sassafras-leaf (pink), 6 tins. 24 hrs. - concentration of parts, out

Rx Ointment Nit. Mer. 10 gms, Simple Cerate 60 " -

pencil parts. - cover eye from light, No food at all to eye,

- wash of body salt or mustard 1 a day, feet 2 a day, thick clothing, Light diet (no coffee, - no meat for month.)

Elizabeth Murphy, aged 26, summer-
tired, hiccoughs early in spring,
more severe ~~in~~ ^{every day} in afternoon, fever,
great tenderness of side, regular,
- (hiccoughs may come from many
causes, lesion of diaphragm
- constipated, or indigestion state of
- perhaps in in-
tercostal muscles. -

Rx Blue mass $7\frac{1}{2}$
Colocynthis $7\frac{1}{2}$
Jalap $7\frac{1}{2}$
4 pills, - after this -

Rx Quina; 5 grms
Morphia $\frac{1}{8}$ " "
(Blister over sore (+morphia),
for 6 or 8 hrs. - with cabbage
leaf or emollient.) - Must
Lemon juice great deal!
Very interesting. -

Mrs. Bates, 8 years, -
Cataract of left eye, disease
of lens, - and struck eye,

5 years, - dilate pupil by atropin
($\frac{1}{8}$ gm. to 30 240.) no pain,
see better in cloudy light
for pupil extended then - 1,
cutting up lens, 2. depression,
3. Extraction, Here Clean hands.
- This oper. combination of 1st.
& 2nd. Cover eyes close,
R. dark room, light diet,
lie with head & shoulders
raised, to keep stomach down,
R. Morphina $\frac{1}{2}$ gm.
sleep for 24 hours.

young child
club foot, club foot, shot, shoe
won't do here. divide bands of
chilles. No anesthetic. In 3 or
4 days put them in shoes.

Common foot, Syphilitic taint,
(see before, shoemaker), dead
bone, continue K I +

Wg. Call;
nut chilles

Arnica Montana, other names also
old medicine, Therapeutics of,
Tincture in lieu of Spt. Cam-
phor, - Arsenicum, points of dif-
ference between metal & oxide
why called acid, Fowler's solu-
tion an arsenite, resemblance
of the acid to calcines magnes-
- fatal mistake - caution a-
bout Arsenious acid, Fowler's
solution & taskless ague dose,
- how made - how many grs,
of acid in each fluid ounce
drachm &c. Doses of - why
large dose is best, Constitutional
effects of ^{the} acid - origin
of arsenic acid remedy, Pills
from why resorted to, Use in
old skin diseases, - "Thurston's
plan, Gutta Rosacea, Chorea
ars., Cholera treated with
arsenious acid, External
uses of the acid, Modern

operation of - Poison by.

Amica used in herbs to skin, - Leopardsbane, not poisonous to man but a narcotic - Arsenic not a poison,

but AsO_3 is a poison -

KO, AsO_3 - Fowler's Solution

~~Weightless~~ AsO_3 > Calc. mag.

~~F's Solution,~~
both in Florence flask,

Arsenic acid. 64 grms.

Water 3 or 4 ℥

KO, CO_2 64 grms.

Pour out & mix with water

to 16 ℥. (Spt. of Lavender
(careful about this.) $1\frac{1}{2}$ to 14 ℥ of

4 grms. AsO_3 in f (plus. . .)

(8 ℥ in f ℥.) 3'5 drops

gen. dose, but M. has given

25 or 30 drops. (60 drops =

3.) No to some evident

effect. Cornwall
Smelting works.

Anti-periodic. - Leprosy Dr. Barton,
Arsenic, (Scales), Thruite.

2 drops \swarrow 8 \searrow 4 days \swarrow 8 \searrow 2
Catalytic
hermatio,

Best after full meal, Henslow says
but better let stomach feel it,
Braithwaite XXXVII, & Chedera,
5 drops Every 15 mts, No frictions
at all. - Malignant ulcer may
do but never on kind surface.

Meigs 6 miles a day
healthy exercise for a woman.

1/2 Dr. 1/2 P. M.
Stipulates 450 B.C.

Sponge + opium which
go prolapsus but only by
peresthesia, - Tell them
to walk. Never coincide
with woman's idea about
her womb, or all is lost
pour water on one.

Dixon, Nov. 18th 1864,

Continued at 1. diurnal 2.
- Changes.

no return of ~~Jaundice~~ ^{Yellow fever} symptoms. — If a country fever patient did not recover before yellow fever came on, the 1st gave way to the 2nd. & the patient will succumb. Bluing & Conversion of types.

St. Stadium 36 — 2 hrs.
2nd. " " 2 1/4 hrs. ^{at all points,} ^{rapidly}
Yellow (red) wheezed name,
Sense of sinking, 3rd.
Stadium — Black vomit,
Tendency to effusion of blood,
Change in urine mixed waves,
Cadauerous hue, (5th. day
3rd, 9th, death). —

BAI

May be 2nd: Series, not
S & B, Inflammatory type,

Dr. Gross, not always a de-
posit in scrofulous disease, must be
a predisposition. — May be ac-
quired. May skip a genera-
tion. deposit 1. Tubercle. 2.
infiltration. 3. Stratum or chest.

4. Encysted, Tubercle 1. whitish
Bell's ^{of a type} fibrous 2. yellow easily broken
down, 2. in broken down Contri-
Mithon's, not, yesching disease, Es-
Sentially same, phenically ab-
be more greatest. Fatty substance,
tubercle capsule, rounded or
ovoid $\frac{1}{2}$ size per globules, granu-
lar matter. Exudation fibrous.
It has foundation layer. Many think
it to be unorganized. I think it has a
cell power, ^{These are absorbents, etc,} ~~not~~ feeble.
It is inflammatory. Degeneration often
begins at centre, then per & abcess-
es. (6-15 mths). There is a serpu-
lous ulcer. Edges undetermined, bot-
tom unhealthy. No kind action,
for a while. General health
bad, hectic fever, night sweats,
- Disorders of the blood, - Peculiar
countenance, & disposition
1. Sanguine, 2. phlegmatic.
Treatment. If robust, active
circulation, good digestion,

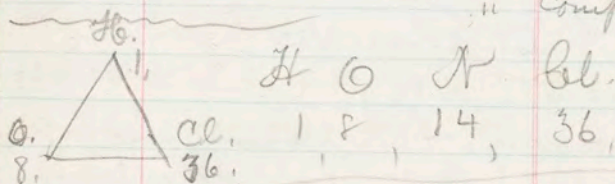
may bleed him, but be careful -
give laxatives, purgatives, (3 or 4
grs. Calomel.) No active purgation,
In 185. Clasp Saline + antimonial
mixture + veratrum viride. Well
clothed, wash well, Exercise, light,
Tonics Come into play when system
for gone, - quinia, Iron, nutriti-
ous diet, alcohol, cod-liver oil.

($\frac{1}{2}$ to 1 $\frac{3}{4}$) 3 or 4 times a day (diet),
Alkalies in certain forms, - Na_2CO_3
- pain met by anodynes. - To meet
night sweats Elixir of vitriol
(15-20 drops.), oxide of zinc,
- Anti-strumous, iodine
(1 $\frac{1}{2}$ to 2 K1,) + quinia + iron
+ bromine, - Alkalies may do
mercury, Beware of phyalism.
- On neck, leeches, iodine tinct.
Sobafacient (ointment of Pb I.)
Stimulants - Suppurants, In
joint, Eysack joint, King's
evil, Saw. Johnson was
strumous, - Syphilis.

primary Secondary tertiary, 1,
 genital organ, 2. Cutaneous & Mucous Surfaces, 3. Whole body,
 1. disease in ground, & on organ, (4 days comes on. 2. In six or 8 weeks. Inhib, falling of hair. 3. 18 months, osseous, cartilaginous &c. tissues, 1 is inoculable. 2 is not (can transmit it however to offspring.) 3rd not transmittable, (child is however prone to scrofula.)

Bacillus

Combinations between elements,
 " compounds,



Integrant particles compd, "
 " " held together by homog, at: constituents by Chem, affinity, - equiv. volume
 $\text{O} = 1/2$ $\text{H} = 1$ $\text{Cl} = 1$ $\text{N} = 1$,
 as these are equiv. wts,

Pancoast - Heel, Aboid re-
ferred to as cause of club foot,
 $\frac{1}{6}$ in. deep (notice) swell.
 $\frac{1}{4}$ in. in front of tubercle of os
capitales you find articulation
(tarsal-metatarsal), In frac-
ture of end of fibula be sure to
keep end of tibia on its articu-
lation, bursal sheath of tendon
on outer on sole of foot,

Dickson - Nov. 19th, 1861

Ships infected can infect a healthy
port. "Scarus Br. for ships, Dilution
of infecting cause at homeopathic
-ages. Boxes of goods do it $\frac{1}{2}$
- in places that always have it, it
is the ~~epidemic~~ fever.

Dr. Gross, Chancere, In male
on foreskin. Bar form at root,
interior of urethra, - female on
vulva, nymph, occasionally at
uterus, at perineum, at nose, lip,

Finger, 4-8 days of weather 3rd week,
Acts at once. (generally!) In 24 hrs. pimple, next day
papilla, 2-4 day vesicle, (serous fluid),
granules, surrounding areola - fluid ones,
centre sinks, breaks, parts indurated,
matter drops, ulcer appears, scooped
out, edges everted & abrupt, aplanctic
lymph, ichorous discharge, (hard
Chancere ^{3rd week}). Inoculable, - 2 classes
hard & soft, 1st. Single generally, (harder
to inoculate, Lymphatic ganglions
affected in gonis bubo) - soft at
edge of forking, multiple gen. Very in-
oculable, One poison, - diphthe-
ritic Chancere, Phagedenic, gangren-
ous, - Constitutional Symptoms.

Often none, apt to be confounded with
herpes (superficial, laeture, light diet), Erysipelas
smaller vesicle (want of cleanliness), balanitis
(superficial from gonorrhoea, or not)

Treatment, ^{if early vesicle} destructions, Knife,
Cauterize (NO_5 , HCl , acid Nitrate of Mer-
cury run it in, then dry lint, bathe part
with tepid water, then healthy granula-
tion, stimulating lotion, - Do not be has
large sore, - these go out inflam-

mation as a regular one, - Keep quiet,
 diet him, if plethoric bleed him, purge
 him well, antimonial & saline mixture,
 + veratrum viride, - locally, elevate pe-
 nis, mix cup dissolve salt in Rple
 water, immerse organ, (2 or 3 a day), -
 mollient poultice or warm water drainage
 open + Laudanum, opium, fucus of
 lead, - If propped fast syringe part
 (+ soap.) then poultice. Don't pull back.
 - at last

Jannin 2 grms
 Cupri Sulph. 1/8 grm.

Aquae ʒi.

or gentle lotion. Discharge specific
 poison - If diphtheritic reduce action
 or no phagedenic, do in gangrenous,
 - If secretions altered, & suppurative
 purge but beware of use of ^{of H. G. C. C.}
 in slow hard cancers,

Radoniel 2 grms. up

No phylaxis, } Pancoast
 muscles begun No day (Nov. 19th.)
 Zygomaticus marking muscles
 levator lab. inf. acts when pharynx
 ulans is tense, nerve & artery

goes above Zygomatice, Mitchell,
Ardenical poisoning. Person not
to drink by wall paper, (At 380°
arsenic acid is volatilized, garlicy
odor, 30 times more soluble in hot
than in cold water. - 2 gms. have
killed, Zi has not, ^{without poison.} Calc. mag,
light, arsenic acid heavy. Change
of st. dentists. Not sustainable as to
injurious effects. - A patient paralyzed
the, arsenic develops it - Milk
sickness has symptoms resembling this,
- Remedies & antidotes, demul-
cents, good, Magnesia, charcoal,
(dissolves acid & revives metal),
Tobacco, Silliman's Journal (By
Ralph Lennox), (antagonism
of poisons), hydrated peroxide
of iron,
heat, Iron filings 43
Aqua Regia $\frac{1}{3}$ VIII
add water (hot) add
pure aqua ammonia. -
Iron rust does well. Emetic

Tests, volatilise it, sugar sus-
 pended cold water dissolves it not
 the arsenic to any degree, Pous-
 sic acid detectable for 3-7 days,
 Arsenic antiseptic, indestructible,
 Guard remains of body under lock
 & key. Drug tion.

Absorption { External, } Gastro-pulmonary,
 Genito-urinary,
 Cutaneous,

area in the belly (Warty) } Internal, { Subserous, (serous),
 Intestinal, } Intestinal.

Chyle Lymph

Water	90.90	90.96	96.536,
albuminous matter,	3.516,	12.37,	1.200,
Fibrinous matter,	0.378,		0.120
Animal extractive	1.565.		1.559,
Fatty matter,	3.681.		atrace,
<u>Salts</u>	0.70,		0.585.

Chyle will coagulate,
 lymph & chyle are the same in
 effect, vessels empty into duo-
 dum stomachus.
 mesentery can dilate,

Payes glands regarded as sweat
glands now (lymphatics),
white corpuscles (chiefly lymph)
infantile red corpuscles, same
differentiation begins at epithelial
cell. If vessels depleted
quick, - ovarian dropy effect
18 days onsets 690 3.
discharged 1296 3.

Lad at Newmarket gained
30 3 in 1 hr. with but 1/2
glass of wine. - Cutaneous
absorption not cutaneous (for
this is difficult) but through
lungs etc.

Dr. Wallace Nov. 19th,

The head (extremity of) of the femur
is distant 3 in. from shaft.
The lesser Trochanter is on the
posterior & inner side. The

line at end (knee) is horizontal yet
as the bone lies the tibia condyle
is ^{the} longer. - The bone from Angel
Gabriel so called. - After regu-
lar lecture in dissecting room
he said Treatment for Poison from
Cut from dead body. Better for it to
bleed, put on Nitrate of Silver,
freely, wash & suck, If pain
& swelling of abscesses, put on
mercurial ointment in thick layer
on their course, keep around warm,
(Some recommend a blister,) Give
Dover's powder, Quinia (20 grs.
a day,) whiskey, & opiates to pro-
duce sleep. Emollient poultice
no part.

Jeff. Med. Clinic,
Nov. 20th. Blood 210 solids 790 was
Dr. Meigs' aphthoid form of scar-
let fever. ~~Disorders~~ Disorders
in sensibility & nerves. Hydram-
ic. Rf
Iron by H. 2 grs. + honey,
after meals. - Another girl

hydroemic. R

Son by Hydrogen, Kinebo
toth, woman, aged 22, 8 months,
sick, pains in her side, chronic
fistula of intercostal muscles, Pleuro-
dynia, R

Acou. Rad. Suck. fork; gr. ii.

R. Chloroform, ℥i.

Camphor. ℥ss.

as lotion.

Mrs. T. T. T. heretofore, neuralgia
of scalp, Quinia up to quininium,

Dr. Gross. — Geo. Williams, aged
9, encysted tumor extirpated,

Mrs. M. J. T. aged, epithelioma
2 operations. Another not to be
thought of. On lower lip.

Annie King, tumor inner sur-
face of lower lip, encysted, Gross
(Spoke 1st, Boston 1840 Pathology).
Mucous follicles closed, cut
it out, mucous inside.

("Keep feet quiet & brains at work"),

Sketch in } George Croiset, aged
26, 8 years tumor on top of
shoulder. Superficial, hard very,
pricking pain, Scirrhus of the
skin. Remove it. Ribon wire
suture. adhesive strips.

James
Mc aged 40, match maker,
deaf in one ear, 18 yrs at work. 5
years ago frost. This one 9 months.
lower jaw, one half jaw removed,
swelling on left side, Other ca-
ses, treated. Phosphorus. aptho as-
sail lower jaw, teeth all gone,
not salivation, openings showing dead
bone. Carious, take it out.

Wergo, stricturea cervicis uteri,
make cerivides by running wax
on lint twisted, carry it up only
1 1/2 in. at most from os uteri,
should be flat - not round.
- so curee feet no person to
wound it then sent to

The woman to get on her knees
with femurs erect & sternum
forward on floor then viscera
forward & equal & evenly
open' ^{of the repeated} Mitchell:

Artemisia Santonica - Other
names, alleged Therapeutics
of - Santonine - how got - Do-
ses, uses - *Asclepias Syriaca*,
Asclepias Tuberosa Other
names, Remedial uses, *Aspara-*
gus, *Asparagus*, *Aspidium*
~~fill's mouth~~ - Remedy for tape
worm, *Arsaeotida*, old remedy,
how got, effect of temperature
on, odor objectionable, Solvents
of, *lac arsaeotida*, Remedial
uses of - *Atropa* ~~poa~~ *Belladonna*,
marathe, Redness of skin
& dilated pupils from its
use, Poisoning, how treated
How to judge of good - *Ep-*
Anax of leaves, use No

prevent Scaditina; How. The
facts, Santonin anthe-
minic 3 grns. 3 to adult.
- nervous mobility of eye
- Hep - 8 grns - - anti - periodic
- milk used as anti - periodic;
- pleurisy - root - Asparagus
diuretic - Turpentine preven-
tive of odor of urine, Frank
lin, J. - Aspidium Snake
bites, - Lec a leaf. for
children irritability of stom-
ach, (boil. water + assaf.),
Expectorant antispasmodic
fluoride - Spasmodic
Croup (squillo + assaf.),
- emetic specac. + tartar
emetic. [Sicken Nov 21st

Blood + Hbl. will look black
but then ~~some~~ some change
in regular blood no doubt.
Spleen unaffected, hardly above

4000 ft. Black vomit has existed
w/ other diseases, Not neces-
sary death, Contagious, Hence
it is, Insanitary imperfect,
declining ~~of~~ disease, has
weight, ~~of~~ Pylorus is light,
~~of~~ heat ~~more~~ felt ~~only~~
Exciting ~~of~~ ~~of~~ ~~of~~ ~~of~~ ~~of~~ causes,

Dr. Gross, Chinese in Western, at
office, ~~of~~ Specular, waits for weeks
to appear, discharge ~~of~~ ~~of~~ &
lighter than gonorrhoea, rarely
fatal although 2d or 3ry.
Sort of tubercle (- gonorrhoea 4th, or
5th. day) along Western in Chinese,
Inject Iodine in red urine,
or Cupri Sulph. If very obstinate,
mercury, - Speculum to be used
in female, Ablutions, Cambrige,
interpose patient, lint (1 in 24
hrs.) - ~~of~~ ~~of~~ waits till
2nd. or 3rd. week, lymphatic
glands of groin, hard

Chancres giveo furbo most
certainly of the two, skin becomes
discolored; febrile disturbance, parts
will pit, in few days fluctuation,
pointing, how can about it often,
- ulcer surface unhealthy, discharge
often incoagulable, edges abrupt.
May be phagedenic, may mortify
- Not all swelling furbo, - al-
ways above Pouperts ligament when
specific, non-specific below,
and comes over in few days, not
obstinate, 2nd. Easy got rid of,
Treatment. Repose, thigh relaxed,
paint with Iodine. Tinct or
leech, purge, antimonial & saline
mixture, vesicate (Hg, ~~Cal~~), Issues,
- Suppuration, let out fluid, (cut with
Pouperts lig.). Stimulate sore.
Phagedenic, anodynes, HCl, NO_2
or Acid H_2SO_4 NO_2 . Tonics,
Mortify: treat as usual.
Secondary 4, 6, 8 weeks run
cons & Cutaneous tissues, iritis,

may occur, throbbing on neck. Not at
times preceded by febrile but by change
always, hard chancre ^{100%}. var-
ieties: dullness, want of activity,
sleep disturbed, no appetite, rigor, high
fever, (Syphilitic fever.), exanthematous,
scales, ² vesicles, ³ pustules, tubercle,
papule: 1st. Most. 3. least frequent,
1st. little spots, healthy between, cop-
per colored eruption, face, forehead,
thigh, arm, (1-4 weeks.), 2. scales,
(forehead, palms, soles, opaque, eli-
vated, copper colored base, 3. thick
millet Dec 5. large laro-pustulant
shred, 4. pustules, 5. split pea-
small olive (nose, flexures, arms,
chest rough, copper colored base)
may ulcerate, ichorous, 6.
papular, not common, 1 & 2,
Early 3 & 4, 5, 6, later. not inocula-
ble, transmittable, never marry
on this. - Treatment, diet,
borda, ayt. & Sal. mixt, hip's
bath (NaCl,) medicate,

Tastes sweet $\frac{1}{6}$ to $\frac{1}{10}$ gr. 3 or 4 lbs each treat.
Used in certain cases, in throat, ulcer
in mouth (tonic) Excavated ulcers, mucous
tubercles on tongue (white, hard, elevated,
thick, anti-philosophically, Ng.
When obstinate only. - Swelling
on neck, hard, 1-3. Lymphatic gan-
glions, Campbor! Merc! Oint,
Irr! Duct. hair falling,

Bache, 65 (2?) of 50th
St. N.Y., J. P. Mitchell,
35 to 40 years. Kentuckian,
H. State Kentuckian 2 from
any other State. Bache says
he will be "letting out". ~~But~~
~~is the first~~ Paucoast.
division at junction of tem-
poral fascia. Careful not to cut
lower division of fascia cer-
vis profunda for protection to
trachea, [Mitchell.
Cerebral affection from it,
treated vegetable acid as a
remedy for poison - as a

prophylaxis, not know it or use-
less, Any if it dilates, softens
it with glycerine water take
away stiffness of other, - Pear-
lating preventive no doubt, Foreign
testimony, 3 grs. Ext. + 30 of
Cinnamon water teaspoonful
3 times a day up to redness
of skin & dilatation of pupil, then
stop for 1 day then again, Humber
John says no two different
prevailing febrile Excitements
Can exist at same time
- Said to check whooping cough
1/6 gr. Ext to 1/2 gr ZnO, SO₂
London Lancet Oct. 1860.
- Asthmas Smoking Ciga-
rettes, dried leaves

+ Stramonium 2 lbs

Saltpetro + H₂O 3iii.

Roll into liquor. - Incontin-
ence of urine, do internal
Braithwaite XXXVII, XXXVIII,
^{external} Rheumatism - delirium

transvers, blister half way down
spine and belladonna on
raw side - abscess of mammary
gland, paint parts, Every 6 hrs.

℞ Laurel water ℥i

Bellad. Ext, ℥i

— Oxyphalatos inflammation,
pain of hemorrhoids,

— Atropia, $\frac{1}{6}$ ths, grs, Sacchar
Mew — hypodermically black,
(puncture & syringe), asthma,
6 gtt. solution along protuber.
border of stem, cliv. S. mag.

— Tetanus along cervical per-
throae, (Atropa, 8 grs.), hy-
podermically N. H. med,
Churnig, R. W. July 1860 —

diaphoretic, rubefacient, Stimu-
lant, narcotic — Aurum,

Chloride, rubefacient, coctive,
For Ag. in Syphilis, —
Oak meal, given in the manner,

Dunham, lungs surface,
^{19 lungs surface of body,}
Culotta fibres in the lungs,
can't force air out of cell lungs,
How to detect infantile,
fractured lungs, will sink in
water, hydrostatic test,
- static test, weight quotes
now strong, before you

Dr. Kern. Some say quano
good prophylaxis - Rattle-
snake poison, As mercurochloro
Ed patient in 156. Stadium Diet.

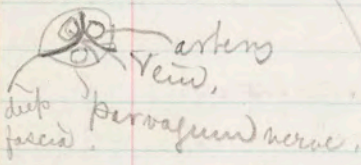
See! Mict: Muricat, some say,
Westman viride.

Dr. Gross!
Syphilitic haleness. little, lotions
Fungicidal (acid nitrate of mercury),
- Terchery, may wait for spore,
more after hard chlorine, new intru-
perate, broken down, - In cutaneous &
nervous, aponeurotic, osseous, cartilagi-
nous tissues, ribs, testicles, - 1,
mouth etc, horrible haec, tongue

(Excavations) on lip, nose, larynx,
polyphagous often, triple crisis (dis-
placed upward & inward) - Skid,
tubercles, Rupia (?) usually
several, (maybe very large) on
Elbow, thigh, - bones, node, (tibia,
ulna, clavicle, skull, nocturnal
pains, circumscribed, soft, caries,
- nerve, - hypertrophy, iron
substance for medicinal use of bone,
- Orchitis, hardens, fungus, ex-
creascent like comb of cock,
- maybe in children (in descent),
foul discharge, heart, - ~~dis-~~
~~section~~ outlet of gros on this sub-
ject. - diet, Ricard gave us R7.
Rx Livid; Potass, Grewij-x,
Hydriac, Bichlorid, gr $\frac{1}{10}$ - $\frac{1}{10}$.
3 or 4 times, 24 hrs. (Hg. may have
to be used as ointment 2 or 3 times),
or fumigations, Cinnabar, Zi,
wrap linen in oiled cloth secured
to neck, 15 min. / a day - Rapid
bark, (Ar, HCl, NaCl, or quid),

your clothes, baked (milk punch,
Bones and Symples.

1000 grs, distilled water, 600
Paincoast, cuts for twisted
neck $3/4$ in above trachea
Vessels in
neck



Meigs
Contractility
from fault of
Extension

Simpson's instrument in retro-
version, not ulceration for epithelium
is on, but raspberry like in-
flammation, mollusk not ul-
cer, Ago, 1805

Dunlop
Fetal & residual air. (Taylor)
Child birth in Lapo, England.
Infanticide. Beating of arteries
evidence of life decided to be.
Merrill's Sketch, 1816
1816 Continents

Mitchell, Balsams, Import of,
Balsam of Tolu, sensible qualities
of - Solvents of - Therapeutics of,
Dose - Will's balsam of honey, Symp
of Tolu, Barking, general remarks,
Benne plant, of India, Raised
here, how to use the leaf, Beemusk,
Preparations of - Oils, how made,
Properties, Dose, Poisonous, actions &
treatment, External uses of, Valeri-
anale, how got, doses, uses, Blood-
letting, The popular objection
to it, Bromine, Import of the
word, where found, properties
of, Uses, Doses, antiseptic powers
of, Bromides of potassium
& iron, uses, Breucia, its rela-
tion to strychnia, uses-dose,
Buchu, Diosma Crenata, Na-
tivity of, Diuretic, how to use.
Balsams must have benzoic acid
now, Acids not in water, gum
insoluble, Tolu safe, Bellon

batas; Beberin from Senecara,
anti-periodic. Beef tea, & beef
essence, (ft, but beef, small frag-
ments put in paper bottle, put in
boiling water, no water in beef,
1 lb. - white oxide of mercury
= Ac. nitrate. Stomach ache
3 to 5 grs. - Black feces from
J & S in stomach, as tannate
of iron. Pissal Beck's
black. Dr. Rogers of U.S.P.
- paste with glycerine - for her
menstrual humor. - Valerianate
for pain of stomach. - Black
letting.

Ratto
Snake | XI Art W
Brome 3v
COR Subl, grise
Dr. Meigs, 9th St. near
Wood. Lar in the house,
- relieved bladder, Mrs. M^e
N - v of Lancaster Co.
Case, - "The hope of reward
& the fear of punishment may

urge the child to study, but nothing
but an ardent desire for knowledge
in itself considered will act through-
out a man's whole life";

Jeff Med, Clinic Nov. 23rd.
Dr. Thayer, A dissertation on
tape worm, Turpentine fess
- fess, also Mauterum Pu-
nica, - McBlockey, Chronic
bronchitis. Cough for a year.

Rp
Fats; antimony grs. 10
Go take spoonful of water, 1 at time
Gross, Woman, varicose veins &
ulcers, bleeding at Ear, mouth,
Looks Scorbutic, - quinia 10 grs.
Twice a day, for 3 days then strychnia
grs. 10
Fe + quinia 2 grs. - Blue mass + ipe-
Cae. - Syringe, Ear water (Zn Cl
1 + 340.8). Tod! Trinct. on ul-
cers. - Elix. Hardung, 22,
Black, Fall, contusion at Sterna
Clavicular articulation, Tod!

Tinct / opst, bivalve. No bc kept loose,
Some would use R of Henry

Plumb; acct.

Opium

Hunter

19 yrs, Males-

Herbaceous on back lying
ing, anisims in dreams, no full
erection, loss of memory, eye shorts
Congestion of retina, cold hands
& feet, thrashing in sleep, pains
in cords, Examine urethra, diet regu-
lated, moral restraint, lie on hard
bed, never sleep after once awaked,
but exercise in open air, bath-
tub society, bivalve soluble, Jif
weak, iron, hypromica, quina-
locally, enema acct. Lead &
Opium, or extract of silver (in
this case) by caustic carrier,
- Irritation of cerebellum, pump
line, depressants bleed if
phosphoric bladder somewhat full,
touch every 2 weeks, - Jos. Jus-
tice 2 yrs, club foot,
(Wm. Hampton, aged 28 Dec-

below openings near mamma
cut down & scrape periosteum

Lickson M. 25th. The patient
recovered through the bed of
small intestine sloughed
away, - typhoid, scrophulosis,
tuberculosis, - Pure air, abun-
dant ventilation, & fresh - Pulse
frequent, uneasy, - Spots (throat &
abdomen.) Not always, Gold,


Tortura Syphilitis of the nose introduce
feter, wash with Zn, Cl, - Larynx
if ulcers, introduce AgO, NO₂, - bones,
nodes, give locally, Iod. Tinct. or blister.

- Iritis KI & calomel (not Bichlorid)
J. You want Salivation

R Calomel grssij,
Opii grs.

Stroped may assist,
- Testicles, subm ammoniac,
PbO, A, 'plasters,' may have
to scoop out diseased parts,
- Scrotum or anus - Children

May have these Eruptions. - Locally,
List, Acne, S. parts
- Solution of Chronic acid, Mg ,
Alum, Cupr, Sulph, Tannin,
- In child, from mother, maybe
primary Pythia, generally hereditary.
If so, may be aborted; Copper Colored,
ragged appearance, - If fact known
of child's being contaminated give
her KI & the Mercury ^{calomel 2 grms} (essence
child). - Child born, put to
healthy mother's milk, best
give KI + Hg , Cl , $\frac{1}{40}$ - $\frac{1}{50}$ ^{th. gr.} Slow treatment,
Syphilization, Monkey (Durrene and
Italian) inoculated at last became
insensible to it, Breck, Norway, from
one spot to another, from time to time,
- filthy, disgusting. - Wounds.
Solution of continuity of a part. Incised,
Punctured, Lacerated, Contused, Poi-
soned, Gunshot, - Dressing.
- Skin, pain, blood, retraction
of edges, - Remove blood, hair, dirt
Clean sponge, spread on it, Ice.

- Placing part, 1. position & rest, 2. sutures, bandage, adhesive strips, interrupted sutures, twist, quill (hardly used)
 - Material, ^{interrupted} Cotton, wire, (Ag $\frac{1}{2}$), flax, silk, ^{or} jute, (these are grooved needles, not necessary.) 1- $1\frac{1}{2}$ times from edge, twist it. silk floss tied. internal $\frac{1}{4}$ - $\frac{1}{2}$ in. Twisted, needle wrap linear elliptically  not figure 8. cut edges off of needle.

Bache

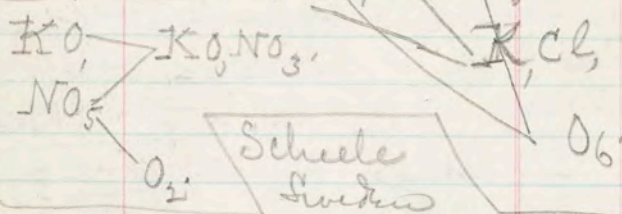
O.	St. St.	} met.	O. goes to anode.
S.	De. De.		
N.	Co. Co.		
F.	Ty. Ty.		
Cl.	non, met. St.		
Br.	Si. St.		
I.	H. St.		
Sz.			
P.			

Relative. +

As, Cr, V, Mo, W, ^{So.} ~~Bo.~~ non met.

Oxygen, into all but H, go from K₂NO₅. (at 600°) 1 lb. of nitro 4/4 parts of brown but pure

56 pts, (pure), K_2O, ClO_5 , +
 deutoxide of manganese, (catalytic only), action of presence
 only, reacts with MnO_2 leaves
 Mn_2O_3 .



Bristley, 1774, slightly absorbable
 by Ho. In air 0 1 hks to N 4 hks.
 flame, gaseous matter shining.

Iron wire makes black oxide,
 ozone, P in air & decomposed,
 galvanism (electrolysis),
 KI will absorb the ozone
 O, not completely, for pure O.

Wright, Paracast, cervical
 arteries + artens lie together
 — lower one is artery.
 — stands bet, super

fidial & deep fascia (split
for the purpose). Ch. 20, opens
whooping cough, hangs on chest
cephalic vein bet. delt. &
pect. maj. muscles, thoracic
humeral's artery in it. Meigs.

But few cases of ulcers in
cervix uteri. Recamier
found Speculum uteri. Black
inside. Candle & Caustic.

Leucorrhoea no ulcer for epi-
thelium is on, split per
node ligature, in A90, NO5.

Dunghison, Respiration,
creation of vacuum up chest
abdominal Supina & infero costal
(child) (woman) (man).

100 cub! in! as residual.
20 " " " Total air.
110 " " " Complementary "
100 " " " Residual air.

230 cub! in! forced out
vital capacity. Spirometer.
Dr. Hutchinson's table.

Height observation

ft.	in.	wt.
5	0	174
5	1	177
"	2	189
"	3	193
"	4	207
"	5	214
"	6	222
"	7	23
"	8	237
"	9	
"	10	
"	11	
6		259

5"9, 1900 238,
 5"8. Clst. stage of
 (mildly concave)
 5"8. 104, 230
 5"8 150 230
 5"3 110, 190
 (humid debility)
 5"3 110 190
 (pneumonia.)

5"9 to 5"10, 246
 5"10 to 5"11 247
 5"11 to 6" 259,

Scrubbed for
 1 in. height

124	246	5 to 6 ft
177	247	
189	247	
193	259	
207		
214		
219		
228		
237		

Dickson, Nov. 26 (1900)
 seems to be
 about 100
 (black)

Rev. Mr. Fennell W. J.

lost his memory, in
month recovered it.

Dr. Gross.

Ligature
reef knot. (Pliers (needles,) needles
in for 2 or 3 days. silk longer. - Do ex-
tract forceps & scissors. Needle remove
way opposite to introduction, & leave ligatures.

- Glover's Suture, carrying needle from
side to side, quilt suture, double liga-
ture (lacinated perineum), - Adhesive
plaster, (P) Resin 1, Soap or

cut it
longitudinally, Lithargy plaster 6 Turpentine 9.
Remove hair, dry surface,
make edges even, heat even. Don't close wound
entirely. May stay for weeks but general rule
is 2 1/2 days. Remove it on one edge then

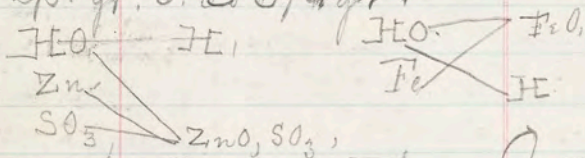
other then middle, - Leather plaster,
silk, useless, sponge moist with hot water.
Linton. But not better. - Collodion
gun cotton + ether Sulph. camel hair
pencil, Maynard Boston, - Sol of Caoutchouc.

- Bandage, Compress, circular &
reversed turns, - Position, Easy,
Elevated, relaxed, look to muscles. -
Cold water, tepid, - Emollient poultices,

- How do they heal of Wound -
reunion, 2. Scabbing, 1st intention
granulation & mode of 2nd intention

according to British Surgeons (Paget)
 In Castney, Ireland. - Not so, only
 difference in action, not kind, must
 be inflammation. - Sub-cutaneous
wounds.

Baker Hydrogen
 Same Ho, 100°C; weight 2.11
 sp. gr. 0.0694 gr.



1776, Cavendish, O —

Exp. 1, 1824 Calce 1, 1111.

Self-regulating machine
 for H. spongy platinum is
 current of cold H. (German?)

Pancoast. Internal abdom.
 ring line from Symphysis to
 umbilic. Supp. Spinous process
 1 from latter on line on Pan-
 coast's ligament. - Uguinal ca-
 nal, 1 1/2 in. long post. bound.
 transversalis fascia. Lower boundary
 groove in Panto's ligament,
 anterior boundary aponeurotic

Expansion of external oblique,
 coverings of penis, infundibular
 fascia, intercolumnar, cremaster
 muscle, (muscle vaginalis) Super-
 ficial & deep fascia, oblique
 — direct, only through outer
 ring, Martinea alba, tendon of
 internal oblique splits ^{tendon Ext. obl.}
 into two, — ^{rectus int. "} ^{mt.} ^{tendon int.}
 transverse ribs + in lower
 animals, — Splitting as tendon obl,
 cecum near umbilicus, — artery epi-
 gastric, — Structure at neck
 of ring, (transver. fascia.)

Brewer, Mitchell
 Balsam of Tolu, R
 " " " 3i
 Brandy 6ss.

Bromine — Antidote for Rat-
 Veneno, — (last lecture), then
 Lugol's solution, — R Br,
 Forgetre, Ointment,
 R Br 34 grs
 'Archie 3i

Uterine hemorrhage, Brucea,
Guaiacum Palsy
K, Br. - Brucea sulph

Fe, Br, Scrofula, Buchu, re-

sembles Junca in look, smell
them, some duresis, Oil
to. Or boiling water. - Comp.

Syrup (Infusion, Cubeb, Sugar,) old
glact. old gentlemen. -

Cactus O-la, Texas, West,
Surgeon Crawford last Paraguay
- Cadmium, Sulphate of

effluence, Inflammation of cornea,
otaria, R.

CaO, SO₃ DW,

Rose water q.s. -

- Co, NO₅, & Co, SO₃ Cathartic

Cajuput oil, - Cholera in
Bengal, as anthelmintic among
doctors, false theory, Ruber-

fract. Chronic Rheumatism,
headache, - Cocculus fat-

matic, Columbo, Yellow, bitter,
Tonic, no insect marks, aroma,

Compounding infusion R }
 Ginger }
 Columb. }
 Calc. Mag. } Donic
powder,
 R

Columb.
 Ryst. iron, (Ferr. Carb.),
 Ginger, 3 drs, divide in three
 cum particles, - Every 2-4 hrs.
 Calc., - CaO_2 cure burns
 by oil or acids (No water), - Oint-
 ment in treating of cutaneous
 surfaces R. Laudanum

Saccharated CaO ,
 Same, substitute oil,
 for lime water
 20 drops, 3 times, day

Lime water, R.
 Stops it, - Dy. Quicklime 1/2 lb.
 opipia, dist. perfect water Ory.
 milk cover fasto as. for
 uric acid, Pallack wash;
 Yellow wash (ulcers & skin
 diseases) Calomet,
 Corr, Subl.

Test, - Some liniment, for
burns & scalds. Prepared chalk,

<u>Inspiratory</u> <u>Phenomena</u>	<u>II</u>	<u>III</u> Mixed Ph
1. Yawning,	1. Coughing,	1. Sighing,
2. Hiccoughs,	2. Spitting,	2. Moaning,
3. Smelling,	3. Blowing the nose,	3. Sobbing,
4. Snoring,	4. Sneezing,	4. Laughing,
	5. Voice,	5. Crying,
		6. Panting,

Respiratory periods
of seconds,

Inspiration $1\frac{1}{2}$,
Expiration $\frac{1}{2}$,
Repose 2,

4 seconds,

Dr. James
Jackson of
Boston.

Also bronch
in hiccoughs.

Attorney General West. Alecto may
notion. "Laughing, Crying,
Crying" "Jeff. Med. Clinic
Dr. Meigs - Nov. 27th.

Margaret Todd, Neuralgia
of the Scalp. (See before.)

Nov. 20th (Nov. 13th) - Cases of se-
vere neuralgia (rotten teeth may
do it.). Continue quin. sulph.

Girl, aged 15, 1 year ago. Convulsions,
(Carbov., Excitement of mind), fitton-
thinner yet. Treatment, seton
on back of neck, extraction of 2
bad teeth, Castor oil, Carb. Iron,
Epilepsy, Perma leaves Asperula
Cathartics. Well fed. Dr. Gross.

Charles Lambard, young child,
umor in apilla, Congenital. Em-
cysted, soft fluctuating, no pain,
Exploring needle, serous fluid,
freely laid open, Iod. Tinct.

$\frac{7}{10}$ to $\frac{7}{10}$ alcohol. May be con-
sequent Convulsions.

Jos. Gallagher, aged 7 yrs.
Delaware, anchylosis
passive motion, Sorbi-
ments hot + cold water.

Be careful about re-fracture,
(Dr. White.) Callus in front of
articulation, seen in 2 days, 1, 2.

Wilmington
Fracture of joint
(1st.)

let it heal
with
milk.

Boy, 15, tumor 8 years standing,
Re low forehead, rarely fatty elsewhere,
or serous. Encysted sebaceous tumor
(difficult operation), twisted suture.

James Watson, aged 50, Tumor
right pt. of scrotum, highly elastic,
fluctuates, 4 inths. (Sexton of Young
Men's Central home mission.), sperm-
atic cord sound, non-malignant,
hydrocele, open, serous fluid
lined, food + alcohol ad. (served
in British army) albuminous fluid.

Mr. Coon, 13 weeks ago Coq wheel,
(St. Joseph's Hospital once under
treat.), take thumb off at
trapezium, good humored man
under chloroform, develops hem-

per, Mitchell

Creta Ppt, doses - danger of ac-
cumulating in the bowels - Caution
Chalk pulp, how made - new - Chlor-
ide of lime, what? how made,
bleaching salt, purity of the bed, dis-
infecting house, uses of - in con-

getting various poisons - External uses,
internal use, CaO , HCl , SO_2 , PO_5 ,
Churchill's panacea, CaI , Cambooge,
Samboge, Source of, properties -
uses - Camphor, when found, what
it is, crude & refined, desirable
qualities of, Solvent of, Aqueous Cam-
phorata, how made, uses of,

R. Crat! Ppt. (Disarrhea),
White Sugar, (Cholera of Sum-
atra) - Paraday,
Cinnamon water) London Lancet.
- Small part, cholera, - Clean-
ser, for cutaneous diseases.

R. $\frac{3}{4}$ ss to grs $\frac{1}{2}$ ss. - In
low fevers internally. R. (Puffball)
20 grs. to 3ii Colub. + 3 water
4 $\frac{1}{2}$ Symp. (Eucema). - Cam-
phor with Catamel. Camphor
Concrete volatile oil, - Crude
Camphor add quick
lime & sublimate for pure,
add few drops of alcohol. To bruise
Camphor to powder.

Dr. Gross. Nov. 29th, 1861. Don't
Excise limb. Commence at toes for
deep wound of inferior extremity, no con-
strict parts, Colloids when part has
to be much moved. - Incised wound,
1, retracted edges. 2, Effusion of
Blood. 3, pain, - artery, Sallow
Scarlet vein continuous dark. - Treat-
ment, arrest bleeding, ligate both ends
if large of artery, vein don't
ligate, approximate & retain edges.
- foreign substances - suture &c. - If
deep, compresses & bandage, position,
- Diet, bowels soluble, - Erysipelas,
relax dressings, warm water, opium,
RbO, A. Watch it well, -
Lacerated wound, torn apart, cog wheels,
sawing, bites, not much pain, prone
to suppurate, followed by tetanus,
very little hemorrhage, - 1st. Drawn
after shock immediately ~~by~~ coagulates,
2nd, not so soon, then syncope, "
immediately. no union by 1st, intention,
severe nervous symptoms, tetanus,
(draughts of cold air), phlebitis,
Erysipelas, pyemia. - Treatment,

know the parts, the are important vessels,
 don't draw parts as closely as ans. 1. Inter-
 vals needed. water dressings, anodyne, nu-
 tritious diet, - poultice if suppuration,
 = Contused, black eye, bowels, being
 attended to, Cold water dressing,
 - suppuration, warm water, poultice.
 scarcely 1st. attention, = punctured,
 dirt, (back, &c. dangerous, cont. &
 incision), Empyema, pyemia, dif-
 fusive abscess, Remove foreign sub-
 stance, Enlarge incision if necessary,
 General principles, Bonlard's (?) Ex-
 tract, Diet. - needle. } Badier

O H O = 100
 Nr. 8 1. H = 12 1/2
 Vol. 0.5. 1 0.7

Cavendish & Nabb H = 1
 O = 8.
 Ho = water, Callan, Maynooth.

Derelius, Thompson, Sherratt,
 Sherratt. Water & Jet Steam
 1700. Meiss Nov. 29th,
 A most beautiful lecture, &
 instruction

by stones & anecdotes, Sugar
Alley, Hato Sea Shore. Polyphus
intense bleeding, no pain, great
pale ness. ~~Amputation~~; \$20,
16 years after. 1774 1810
in animal number 0 (Brunner
& Valentine), C 13 $\frac{3}{4}$ can be
apnea (asphyxia), Pulmonary
artery contains venous blood
the veins " arterial " "
— child uterine live $\frac{1}{2}$ hr. after
birth without breathing, Rab-
bits, pups, Jeff. Clinie

Nov, 30th, 1861. Dr. Meigs,
Woman, 36, Cough for 2 years. Not
Consumption. pt. $2\frac{1}{2}$ C. W. Em-
bolus. Prevent fainting. R

To by H. E. [Wagonman, (Harper's
Al: Month: Ferris.), has had
Pneumonia probably. R
Asgt. Sgt. 3 yds
Al: Month. Throat.

Dr. Gross, Case 2 wks. ago
Operation for cataract, no meat
Morphine, Cathartic pills. — Drury
Marks, 22, ankylosis, 4 wks,
eye, passing motion now. Soap &
water & Soap liniment. 13 days bowels
closed. Generally right only for 3-5
days. — Gas. Machine 9 months,
old. — Swelling on parietal bone,
fluctuation, prominence of bone. Ex-
ploring needle & Bloody humor.
contrast wound, falls off

Mineral of Ammonia $\frac{zj}{i}$
Water. $\frac{℥i}{i}$

Common Vinegar $\frac{zj}{i}$
Diluted Seltzer

Daniel 18 months & another child
— inflammation of eyes. Purulent
ophthalmia, $\frac{℥i}{i}$ well purged,
— Murky Cream, $\frac{℞}{i}$

Emet. $\frac{gr}{20}$

Morphine. " "

Emet. Ver. $\frac{℞}{i}$

Castor oil Emul. Oth. $\frac{℞}{i}$

young one

R

Calomel gr

Rhubarb gr

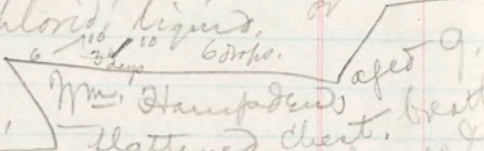
Sour powder gr ^{s. Pains after A.M.} once a day.

In 4 days grima (Stomach) gr
3 times, Uthra, Tart: Sweet, Nitr-

phine. } Leucorrhoea 3 rows, aged 28,
tumor in axilla, 4 years duration,
Sharp pain. Non malignant, pulsa-
tion, Exploring needle. Abundant, Lym-
phatic ganglions, She is Nursing, de-
ferred a time, Fed: Sweet.

Pot: Chlorid: liquid.

Codine



Pot: Pot. } flattened chest. breathes
with difficulty, head back. ^{Proves} &
Sweats, mouth on line with
larynx. ^{various} appearance be-
hind. ^{bone} of the ^{lower} ^{parts}
Cavity & muscles have done all
this, not use Bone-stone: history
Remove a piece, cut Bone off.
great resistance, (scrap body
in cylinders & few solutio of

Chloroform better,) — Narcosis
of humors. [Mitchell

Camphor Prescriptions R^x Camph^r,
Zij, Alcohol q^{ts} x 6. } Aqua
Calc. Mag. Ziv. Aqua Oil } Camphorata
Rubeolatus together & then the water
dose Zij for adult. — R^x Aqua Cam-
phorat! Zij, Tinct. Opis! Camphor
Zss, Ether Sulph^r Zss, Alum. Sulph^r
Zjss, Sacchar! alb! Zij, Misp. dose
a tablespoonful, after each evacua-
tion — Sometimes we add Zij of
Tinct! Pip! Cayenne to each dose.

This is Surgeon Sharp's mixture,
— External uses of Camphor — Its poi-
sonous action, Treatment, Canna-
ba Indica, other names, ancient
Remedy, Therapeutics, Re-
medial uses, Carthamus, History
of — Foreign & native kinds, Jour-
nal how to keep good, Therapeutics
of, Expedients for external use,
Carthamin, Pad — black, &
Carthamide Plaster, Heating

plaster, Fly ointment. How long should
a blister plaster be kept on,
how to prevent pain,) Camphor
Stramonium,)
good as expectorant. Used
as pectoral, antispasmodic, - Shows
for diarrhoea & cholera, for
Chorea, - Chronic Arthritis delirium
ment - Hg. Ointment + Cam-
phor. - Camphor + Starch, -
Camphor for chronic rheumatism,
- Antidote to Stramonium.

Dec. 2nd. p. 574. Amputated
To keep them, Camphor, P acid,
- Put blister, put hot vinegar
on, Squeezes - demulcent
drinks to prevent strangury,
(To cure, hot bath "over
whole ground.")

Dr. Gross
Dec. 2nd. 1861. Puncture, liable to
erysipelas, Enlarge wounds if lockjaw
threatened associated, tart. Emet.
Tannodines, - Needles in females,
- (Tooth wound) Great contraction

4 numbness & wasting; may be erysipelas, (Judge Thornton of Alabama) -
(Inferior animal's tooth), - Poisoned wound;
dissection, rabid, insects (wasps, bees, humbee bee, hornet, yellow jack), scell, rose colored, idiocy, - stimulants (camphor, hartshorn, oil, turpentine, mustard water, vinegar, brandy, &c.).
- constitutional, stimulants NH_3 , CO_2 morphine, Barb extracted, (alium, mustard,). Serpent, (moccasin, cotton mouth, rattlesnake. S. Weir Mitchell, (1st insects bag on abdomen, serpents under ^{the hind} jaw. animal strikes no bite, Poison, albuminous, coagulable 140 - 162°, yellow, oily, viscid, acidic, poison not destroyed by alcohol, heat, cold (2 to 5 drops.) iodine, (Dr. Wainwright). Pain intense, swelling mottled, nausea, swooning, cold, - Post mortem, extravasated blood, softening, blood not coagulable. - Treatment, ligate above part. Excise part freely, cup raw surface, cankerize, - If this all behind time, soothing applications, anodyne, PbO , A his flannel cloth, incision, antiseptic

~~Antimony~~ ² ~~80~~
~~Antimony~~ ² ~~80~~
 Antimony, Sb, 129.
 Arsenic, As, 75.
 Chromium, Cr, 26.
 Molybdenum, Mo, 48.
 Tungsten, W, 92.
 Columbium, Ta, 185.
 Niobium, Nb, .
 Pelopium, Pe.
 Tellurium, Te, 64.
 Tantalum, Ta, 25.
 Vanadium, V, 68.
 Zirconium, Zr, 60.
~~Barium~~ ~~85~~, ~~Rubidium~~ ~~85~~.

$P_1 - P_2 = P$.

$J_1 = \text{tart. acid}$.

$M_1 = \text{Morphia}$.

+ Wollaston's scale.

\$2.50

For father \$10.00
 " Dickson 2.50
 Chestnut, .06
 Perkins, 4.50
 Evans, 14.20
 Gas, 5.78
 Car " .05
 Ray, 26.50
 To Sue, 1.06
 To Young 10.00
 Mowens - 10

~~144: 14: 4: 16: 1: 11: 11: 0: 10~~
~~144: 14: 11: 1: 0: 97: 22: (N):~~
~~144: 14: 11: 1: 0: 97: 22: (N):~~

"Bless for effect 2.50
 not for ounces"
 gross.

unilocular
 Multilocular,

Scrupia
 17th Nov 22nd
 Capetown
 Mitchell Nov. 26th

continued, 144: 14: 4: 16: 1: 11: 11: 0: 10
 144: 14: 11: 1: 0: 97: 22: (N):
 I have Cyto - blasts in the water
 et

(Disease continued) - alcohol, quina, NH_3 ,
 CO_2 . Iodine not much good, - hydrophobia
latency, 70 days, max. 6 or 7 months, saliva,
sensitivity of skin, convulsions, death in 2-
3 days, in cold climates > than Southern,

- Treatment, only prophylactic,
Exsect parts always, cups glass,
actual cauterization, Agl, NO_5 - when it
festers, even so all this, - Nothing
after that, - glanders (horse, mule,
ass.), buttons on skin, - in man, (found
one human being to another) 1 week,

- Treatment as in typhoid symptoms.

- Dissection wounds, none since Zn,
Cl, - Septic, (cancer of liver, erysipelas
&c. most apt to give it) (Gross here
1828 as student, Dr. Temple,

Radio & non flammable & Sulphur used
about N. in air, - N.S.G. 9722.

Exp. 9727 Calc. Rutherford 1772
(Edinburgh), $\square_{18} = \square_9$ - Cl_2 in
air in pt. in 2000 (steam) lbs.

$\square \square \square$ air 80, 28 AT,
O. H. N. $14.4 + 14.4 + 7.2 = 36$
 $28 + 8, 16, 14$ Equal volume.

No Superabundant weight in bones (scapula & c)

neck of femur in woman L in right L. (womb),

Ligament of Winslow prevented from being pinched by joining of bones but ~~remains~~ ^{remains} of O.V. E.W. membranes which contracts flexes also draws ligament away.

Pelvic
 Nov 25 29
 67
 28
 39
 4
 35
 allg
 development, Muller
 Nov 16 to Gross
 Nov 20 to 40 to Gross
 Nov 29
 Meigs Nov 20
 Caprat
 Papulae Nov 19
 papulae Gross Nov 21
 Reason for Papulae
 Womb, or muscles ahead
 ahead
 Nov 25th

Divine design shown in the
human body.

1. involuntary degeneration,
into form the line whether
elevated or depressed.

Balanitis

Externa

Nov. 19,

Innocentulus

Nov. 15th.

omice
Mitchell

Mr. L. L. L.

Nov. 19th.

Melanoid

K. R. O. S.

Substitution

Nov. 24

Meige
Nov. 13th.

Nov. 13th.

cornes, Amblyopia,
Strabismus

Nov. 14

Nov. 14

~~X O X O S~~

Rapid formation of blue, with
21 + stable said to show
much of ore. (taken
d. 2-2) 2 1/2

2 of 100 med. ac. HCl, N.

2 bags HCl N to be taken
tested then dissolved
after deca.

red spots SO₂
yellow NO

113 of NO = 113. 2
164 142
med. NOs (part) 152

Full sp. g. 116 med. 165.
In preparation - important actions
of a few days a part. (6)

~~Handwritten notes, mostly illegible due to heavy scribbling and crossing out.~~

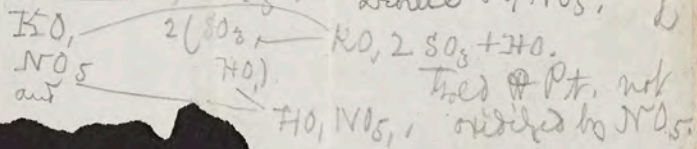
Dr. Gross, Dec. 3rd, 1861. Dissection
wounds latent 12-36 hrs, - worst when
arteries first then in both directions, Symptoms
Agitation, intense thirst, pulse very rapid,
Dr. Temple, (old woman, Acetous Pyretic),
- prophylactic wash part effectually,
suck & wash again, if punctured, make
it bleed, then Carbolic, (acid Nitrate
of mercury, HCl , NO_5 , Saturated solution
of silver, - attention to diet - Treat anti-
phlogistically, (not blood from arm,)
sponge, cover parts with PbO_2 , turpen-
tine + olive oil + laudanum, tincture
of codine, free incisions if pus, anodynes,
stimulants punch (NH_3 , CO_2 or quinia), -
change of air, astringent treatment, - malignant
pus (from cattle with murrain
disease, rapid gangrene, Persian fire,
Symptoms Pyretic), Treatment as above,
Gunshot wounds,
simple, complicated,
primary & secondary

Dunghson Col. Townsend, nephritic
affections, Chinese workers. Power on
his heart. - air should be rather
cool for resuscitation of drowned
or entranced persons. Mitchell.

On the use of blisters. Why do the same
flies & ointments succeed & fail? The
blistering point or stage. How should
a blister be dressed? Should blisters
be put on the seat of pain always? May
we blister young children? Why not?
Internal use of flies & various forms of ex-
traction, various techniques in use, shown
by flies & treatment; Capsicum An-
numum, Cayenne pepper, adulterations,
Cayenne Tea, No. 6. Capsules, Carbo
animalis, et ligni, Garrageus or Irish
moss, contrast with Irish moss,
Judith, Counter to tetanus. - oil
never an antidote!

Dr. Gross, Dec. 5th, 1861. - when integu-
ments are involved in both openings &
wound subcutaneous, then both openings
lacerated. - Symptoms - paralysis or
not, spasm, not much pain - hemor-
rhage, often slight, vessels jump
out of way; - If vessel only contused, then
often secondary hemorrhage from inflamma-
tion, tourniquet around limb no guard
against this - 3. Shock, may take down
the bravest man, - prognosis, variable,
secondary effects trying, may stay in as en-
cysted if sound, - condical ball scarcely flattened
- Treatment, if prostrated, lay him down, head
lower, air free, smelling bottle near nose, eyes,
constriction free, sinapisms, stimulants in-
jections, not too strong however, if best bleed-
ing awakened. This for re-action. - Cessation
of bleeding, - artery - lint, dress, tourni-
quet over main artery. cut down, ligate
above & below. - extract foreign substance,
- one opening - but ball may split,

lesions, + effects, abscesses, and phlebitis,
 pter-phlebitis, - balls differ, thin ball
 wt. 500 gms. Sharpe, deflection - en-
 trance round, egress lagged & splintered
~~bone~~ hole in bone, - in soft tissue
 round, smooth, edges slightly indented,
 discolored surface, entrance - egress.
 slit-like, edges everted, with round ball
 egress < entrance, conical ball, egress
 > entrance, no discoloration, - the ball
 may make several openings, through & through
 - the for arm may run out & in, bone
 may be cut into pieces by bone edge -
 tubular wound, continued at first, latera-
 tion, incised at end, tendency to suppurate,
 - pain, shock, 1st, not great generally
 = Bache, NO₅, dentile on NO₅.



Wednesday, Dec. 24th, 1861. Clinics,
Dr. Meigs. - young girl, 14,
has scarlatoid, then whooping cough,
has it now, cough broken, - when
dyspnoea threatened gave window
& held child under, not sick in
intermits unless with other diseases.
Let child alone, dress it well & feed properly
Lasts 6 weeks. - Pulse quick, (127
Coppered, 80 Albumen, 3 fibrin,) -

She has bronchial irritation. Give
R_x, Symp balsam of Tolu $\frac{ʒi}{ʒi}$
of Sassa $\frac{ʒi}{ʒi}$
Distr. Op_{ii} Camph_{ʒij}
Symp_{ʒi} Specac $\frac{ʒi}{ʒi}$,

O. 4 times a day & transponals.
(Pertussis in brain not in throat,
motor nerves.) - John S. Sharp-
less, Epilepsy, 3 years, (Epilepsia
variosa, procurrentia, recurrens &c.
22 years of age, - very loose cravat.

Dr. Gross. - The patient for
operation on for the watch-dog

ring, (phosphorus). - post. mortem.
died. pyæmia, ulceration of in-
testines before operation. - Brain
w/ho thumb extirpated Erysipe-
las has set in, off with strips,
put on emollient poultice. -

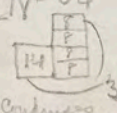
- Mrs Bayle ^{18 years old}, strabismus, both
eyes, converging, - Reservative
No-morrow, diet, exclude light
warm water, tepid water.


Harriet Cummings, 1 year,
Congenital tumor of lips, throbs,
vevus maternus, aneurism by
anatomists (John Bell, Edinburgh),
veno-arterial tumor. If venous
only, excision; there double liga-
tion, to strangle parts, - vaccination,
iodine, heated vesicles, - R

4 Drops of lantanium.

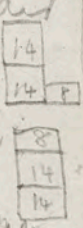
Boys, typhoid once, sloughing, from mercur-
rialization, hole in jaw, plaster
operation.

Gross, Dec. 6th 1861. (continued), En-
 trance slowest to heal. (granulations). 4
 - 6 days. — Constitutional, no shock,
 little blood, diet restricted nothing else,
 gentle laxatives. — if severe inflammation,
 active purge, tinct. aconite, veratrum
 viride, ant. & sal. mixtures, — blood &
shock, milk, cream, whisky, — Solid food,
 quina, tinct. ferris chlorid. — pain, anodynes,
 Separate patients, gangrene, — Amputa-
tions & resections — if limb hanging by
 integuments, severing of femoral artery
 & vein, popliteal &c. modification
 not so likely in superior as in inferior
 extremity. (1 oz. 20 grs. Au, musket
 ball,). If scapula shot away, amputate
 or ligaments, if bone cut through at angle,
 resect at shoulder joint, Expect at
 elbow. — comminuted fracture of thigh
 bone, Effort in circle not in walking,
 life to save limb, (Black sea fleet),
 usually. — Resection restricted to
 shoulder & elbow joints. (amputate at
 wrist & ankle.) — amputate above wound
 some distance in shell & round shot, lam.
 in musket &c.] Bache;

N 04

 Condensed

N 0

 1 1/2, Condensed

N 0 2, N 0 5
 don't not
 Condensed, dis-
 covered,

14

 14, 8, 14, 14

No case
 of expansion
 from
 NO3.
 not dis-
 covered
 volume.

~~S, 16, Equivalents~~
 S, 16, Equivalents
 1/2 (vapor), vapor turns at 3000
 Sulphur earth, Comes from limestone,
 low pyrites heated = Fe.S2 + O
 Fe, FeO, SO3. — black silk
 S2, wood & straw (SO2)
 0
 4 2S + Ca = 2S, Ca, S and HCl
 CaO, HCl + 2S, — 813 gives CaO, SO3

- Lift 5 lbs, at shoulder = 1200 ver-
 tically. 200 burse mucosae in
 man. ^{M. J. P.} ^{1925.} ^{Evangelista Purkinje}
 discovered Splendidiusman, for
 Splendidiusman venticular, by put-
 ting pupa's egg in bowl of water
 & leaning it apart. - Crisis on
 child's life. Cover inside of womb with
 $\frac{3}{4}$ in, tissue water. 15000 - Sacch.
 vessels 3 diam, below digits, 1832 Macleod
 Wagner, [Off. Med. Clinic, Dr. Mingo]

Dec. 7th, 1881. - Miss Bailey [?]

Shuck, Mingo says that "the doorkeeper
 of the American Congress lay down & died
 when Mrs. J. Lord Comstock's Currier
 beached him". Dog of Ulysses, - in May
 last kick from horse. R.P.

Ans to hydrogen, Cod Liver Oil.

John Cross, 2 year pain in right
 chest & burning on left. Can count
 32. different motions. ~~32~~ - Hear
 sound of voice all through bronchus
 & trachea. neuralgia pectoralis. Malax-
 tion best. (cream). Work in the grass put
 on.

Liquor Sulph; 3℥ss

Aqua 3℥ss

Acid Sulph; Dil; qttss

Sweet; Peas fls xx

℥, teaspoonful 3 times a day.

Dr. Gross, Jno. Henry, age
 21, sore throat, Syphilis, had
 chancres & bubo (3 mths.), enlarged
 lymphatic ganglions. Indom, mucous
 tubercles, (hard), mild form. Apply
 Arg. Nit. - Ant. & Sal. mixture,

Chlorides of zinc, KO, NaO, CaO, nitrate of
Lead & impurities, no evidence that they
destroy Cancer but Zn & Cl which act only
as solids not as vapor. - ventilation plenty.
& cleanliness, "high gravel bladders"
not sand bladders. - Spasmodic, Excited
in, baths, diaphoretic Constitutional,
Ainies Not local treatments, air in
Pleura to Kill animals to stop breathing.

Dr. Gross, Nov. 6th, 1861. - Counter-opening
(when near surface), steady, parts
when searching for ball. - In bone may be
the trypsin & lever, - If ball unexposed
rough, put fragments in natural re-
lation, - limit desiccating inflammation
- union may be by first inten-
tion. 1. Rest perfect. Easy, elevated, relaxed
position, water dressings (PbO, A + opium.
- If sloughing, warm water & poultice
emollient. not tight, Compress &
bandages, - when muscles hurt,
roller up from Extremity to groin (quilt)
& leave vent for wound, - Erysipelas
from burning smarting, vesicating
puncture, & dilate wounds

Brass, Dec. 5th, (continued), finger best
 probe if sufficient, Brass cylinder with
 bulb. Bells silver one, catheter will do, Place
 probe in ~~part~~^{part} when wound received, - Re-
 move it, forceps, long, slender, light, strong, Sil-
 vermann's Benings, - present ball, no wadding
 may go into loose splinters, - try to
 get it away if possible, - May let ball
 remain, (Edwards, Illinois), round lodges
 more frequently than conical.

Bache
 Acid = N_2O (mixture), NO got by
 heating NH_3 , NO_2 to heat of 500° .

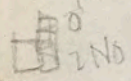
NH_3 — 3 H_2O . Priestley 1772, s.g. 1.52
 NO_2 — 2 NO . Supports of combustion
 $N+O$ condensed into one volume $\frac{2}{3}$ vols of NO_2

NO_2 , pour NO_2 on Copper, s.g. 1.04
 Curd — NO_2 , no condensation. NO from

NO_2 — 3 Cu , to be such as exploding
 if & then having N , left, NO_2 to be
 such as oxidizing a metal & finding

N , Dr. Hales, - Priestley 1772, rest
 fumes NO_2 into NO_4 (nitrous acid) fumes
 nitrous acid but also NO_3 , rest fumes
 absorbable, $2 NO + O$, - condensed into 2 vol.

fumes from these | — NO_3 at 0° green
 liquid, above that red vapor,
 that nitrous acid is NO_5 with gas
 rest of NO_2 .



KO, NO_5 to get $O = O_2 + KO, NO_3$, - assephite
 da, nervous action - Mitchell
 Oxalate of cerium, nitrate, 2grs,
 for pregnant females, - Worm Seed
 - China Bogotensis - substitute for
 quinine, no quinine used, anti - periodic
 - Chlorine (oxy - mucidic gas formed)
 - Salt + SO_3 + H_2O + black oxide of manganese,
 - stimulant expectorant,
 - disinfecting. - Chronic bronchitis. -
 pneumonia, leucaturia, chlorinated water.
 - brings out eruptions in small pox,
 - cure of hydrocele, - Chloroform
 as bandages or cold blisters, Ethers,
 alcohol + $CaCl_2$ & distilled, narcotic
 poisons fast, camphor will put patient
 to sleep, - for cholera, ~~fast~~
 then chloroform and collapse - sea sick-
 ness. Cures it, 12 drop dose. - pas-
 sage of gall stones, - diphenyl ether
 Camphor 8 pts 3grs
 Chloroform, 3grs
 Laudanum, 3grs - power
 Neural convulsions, Deter. tremens
 - dysphagia - Turpentine, chloroform
 & liver oil.

antidote, for strychnia, Philad. Med. Review 1858. - London Society, glass of wine first then no harm. - Aconitum Racemosum, Black Snake root, - choera. decoction wineglassful 3 - 4 times a day, $\frac{zj}{ij}$ to \mathcal{O} water

Simplia, Pathological applications of respiration

- | | |
|-----------------------------------|--|
| 1. Affections of mucous membrane, | { Laryngo-tracheitis (Spasmodic and diphtheritic), Bronchitis (General and capillary),
Pneumonia, Gangrene, Oedema, Empyema, Hemoptysis, Cancer, Tubercles, |
| 2. of cells plus areolar tissue | |

- | | |
|-------------------------|--|
| 3. Affection (nervous), | { Spasm of glottis, Asthma, Hæmorrhage (cerebral), |
| Affector of Respiration | |

- | | |
|---|---|
| 4. of the Pleura | { Pleuritis hydrothorax, Pyothorax, Pneumothorax, |
| 5. From the <u>arterial</u> blood, | |

Apnea, } Annual mortality of country districts 1.82%
 } Town districts 2.62%

Zymotic (ferment) going in as small pox - Scab & Spreading animal matter given from lungs no doubt, anti-bromic, - factors not many, impossible. Slaughter-houses not retentive in cholera, typhoid. Every odor does not spread best & running water.

Woods Clinic Dec. 7th, (restrains
de - Child who had bloody tumor on
head from fall, no symptoms, - be
markable, projection of edges, fracture
of fall skull. - NH, HCl + vinegar
no part. - William Van Stever, age
18, tumor on breast, reddish, from
Carbonate, pain stinging, fibrous,
fibr. - plastic, removed by Mitchell
incision, wire sutured. First in
direction if possible, crab like tumor.
- child, 1 year, incarcerated little
finger from burn, burns + extends on
splint. - ~~also~~ club foot shoe
+ child with a a. put on in
for 3 days. - Heavy Carpenter,
aged 13, Epistaxis, dilute blood,
is, wash foot clean, loose shoe
each man should have his own
last. Mitchell, Cinchona Offici-
nalis, - natural history, true & false

barks, I knew chief varieties, *Cuneifolia*,
Cordifolia, *oblongifolia*, The 1st. gives
pale or quilled bark, The 2nd. gives
the yellow, The 3rd. the red bark,
The yellow only worked for quinine,
uses of the bark, as such, when it
was laid aside, various Extracts in
use, The best is *Chenodeine*, various
structures, the best is *Huxham's*, Bark
beer, poultice, jacket, Injections of
bark, discharges of the alkaloids
cinchonine, + its Sulphate, how
to procure quinine, true *Chenodeine*
of the sulphate; *D.S.* + *B.S.*
salt, perfect solution of 32, how
made, tonic + anti-periodic doses,
Earliest use here, Modes of exhibition
Eubermie's plan, quinine *sed. solut.*
+ how met. - *Chenodeine* ʒij -
~~*Huxham's* yellow bark ʒij cut like
Orange peel ʒij + brown
Ving. Snake root.~~

