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1979 Publications of the Staff of Henry Ford Hospital

Selected Abstracts and Titles Edited by George C. Bower, MD

Abstracts

Alam M, Madrazo AC, Magilligan DJ, Goldstein S. M mode and two dimensional echocardiographic features of porcine valve dysfunction. *Am J Cardiol* 1979;43:502-09.

We present the echocardiographic features of degeneration of nine glutaraldehyde-fixed porcine xenograft valves implanted in eight patients. These features occurred 11 to 68 months after implantation and were correlated with surgical and necropsy findings. Acute bacterial endocarditis in three other patients 47 to 52 months before valve degeneration was recognized. The valve was severely thickened in four patients, and in two of the four the thickening was associated with a significant hemodynamic transvalve gradient. M mode echocardiography demonstrated increased thickness and

loss of the cusp detail. In five patients severe regurgitation due to a tear in one or more cusps developed in the valve in the mitral position. M mode echocardiography in all five patients revealed on the valve systolic or diastolic fluttering echoes, or both. The two dimensional echocardiogram demonstrated thickened cusps with systolic protusion of the leaflets into the left atrium. Both modes of echocardiography were of value in identifying degeneration of the porcine xenograft valve.

Brown GG, Nixon R. Exposure to polybrominated biphenyls: Some effects on personality and cognitive functioning. *JAMA* 1979;242:523-27.

Twenty-one persons exposed to polybrominated biphenyls (PBB) were compared with hospital volunteers on a battery of tests measuring memory, motor strength and coordination, cortical-sensory perception, personality, and higher cognitive functioning. Patients exposed to PBB were selected for this study only if they had persistent medical complaints. The PBB adipose levels did not correlate with performance on any test in the battery. The two groups did differ on the Minnesota Multiphasic Personality Inven-

tory, suggesting an adjustment reaction with depressive symptoms and somatizing defenses. Persons exposed to PBB were also impaired relative to control subjects on tests of prose recall, short-term memory, concentration, and cognitive flexibility. However, these differences vanished when group differences on education and personality were statistically held constant. The selective admission criteria for this study limit the generalizability of these findings.

Goldman J, Baldwin D, Rubenstein AH, et al. Characterization of circulating insulin and proinsulin-binding antibodies in autoimmune hypoglycemia. *J Clin Invest* 1979;63:1050-59.

Five patients with fasting and/or postprandial hypoglycemia were found to have insulin antibodies in the absence of previously documented immunization. Studies on the equilibrium-binding of insulin to the autoantibodies revealed two classes of binding sites with association constants and binding capacities analogous to those of insulin antibodies from insulin-treated diabetic patients. Similarly, no consistent differences in these parameters were found in both groups of patients with insulins of bovine, porcine, and human origin. Proinsulin (C-segment directed) antibodies capable of binding bovine or porcine proinsulin were present in 10 of 10 and 9 of 10 insulin-treated diabetics serving as controls, respec-

tively, and, when present, provide incontrovertible evidence of exogenous insulin administration. No such antibodies could be detected in the hypoglycemic patients with autoimmune insulin antibodies.

The kinetics of dissociation of the insulin-antibody complexes were consistent with the existence of two classes of antibody sites. The corresponding dissociation rate constants were large enough to predict that significant amounts of free hormone may be generated by this mechanism and provide a plausible pathogenesis for the hypoglycemia in these patients.

Gonen B, Goldman J, Baldwin D, et al. Metabolic control in diabetic patients: Effect of insulin-secretory reserve (measured by plasma C-peptide levels) and circulating insulin antibodies. *Diabetes* 1979;28:749-53.

We measured circulating hemoglobin A_{1c} (HbA_{1c}) and fasting plasma C-peptide concentrations in 100 diabetic patients. Pancreatic insulin reserve showed a negative correlation with HbA_{1c} concentrations in nonobese, insulin-treated patients but not in obese patients, whether they were treated with insulin, oral agent, or diet alone. Patients with fasting C-peptide concentrations above 0.1

pmol/ml had significantly better metabolic control than did those with lower values.

Anti-insulin antibodies were measured in 37 patients. There was no correlation between metabolic control and the affinity constants or binding capacities of these antibodies.

Grant I, Adams K, Reed R. Normal neuropsychological abilities of alcoholic men in their late thirties. *Am J Psychiatr* 1979;136:1263-69.

The neuropsychological performance of alcoholic men in their late 30s (mean age, 37 years), some of whom had been abstinent for 3 weeks and others for 18 months, was compared with that of a group of men who drank occasionally. There were no differences between the alcoholic groups and the comparison group that could not be attributed to normal aging. The number of years of

alcoholism or estimated lifetime alcohol use, dietary adequacy, and medical or blackout history did not relate to neuropsychological impairment. The authors suggest that a simple "dose-effect" relationship between alcohol use and cognitive decline cannot be assumed.

Gruenberg JC, Grodsinsky C, Ponka JL. Pneumatosis Intestinalis: A clinical classification. *Dis Colon Rectum* 1979;22:5-9.

Review of our experience with pneumatosis intestinalis has allowed us to identify three major clinical groups of patients. In each, the etiology of pneumatosis intestinalis usually can be identified, and it frequently has an ominous prognosis. Treatment should be directed to the underlying condition when possible and hence must be individualized. Those patients categorized as Group I can simply be kept under observation. Patients in Group II might obtain relief from breathing increased concentrations of oxygen. For patients in Group III vigorous therapeutic measures generally are necessary to ensure survival. The increasing use of mechanically controlled ventilation and positive end-expiratory pressure may be

contributing to the incidence of pneumatosis intestinalis. The ileus sometimes observed in these patients may accompany or precede the development of intramural air, a condition identifiable on roentgenographic examination. Awareness of the possible presence of intramural air may help in identifying patients who may not need operation. But even when roentgenographic examination has confirmed the presence of intramural air, abdominal exploration still may be necessary to rule out a diagnosis of perforated viscus. We hope that these concepts and our emphasis upon individualized treatment may improve the prognosis for patients who have pneumatosis intestinalis.

Heinzerling RH, Dziuba DS, Federyszyn HM, Burnham TK. Significance of levels of specific immunoglobulins to DNA in SLE patients' sera detected by solid phase radioimmunoassay. *J Invest Dermatol* 1979;72:55-8.

A solid phase radioimmunoassay was developed for detecting the quantity of double-stranded and single-stranded DNA antibodies in patients with systemic lupus erythematosus (SLE) and other connective tissue diseases. The assay system employs a solid support 96-well, flex-vinyl microtiter plate to which bovine methyl albumin is layered, followed by denatured or native calf thymus DNA. A 1:80 dilution of patients' sera was added to respective wells followed by tritiated high affinity anti-IgA, -IgG, or IgM.

Denatured DNA (single-stranded DNA) bound to methylated bovine serum albumin had less than 5% reannealing to the double-stranded form and provided a better substrate for Ab binding than double-stranded DNA, producing a linear binding curve.

Of 58 patients diagnosed as having systemic lupus erythematosus, only 11 with active SLE had IgG antibody levels of >5.0 ug/ml to

single-strand DNA. Renal involvement of some degree was found in all 11 with the high concentrations of IgG antibodies to DNA correlating with severe involvement. Patients with IgM antibodies to DNA alone had more benign types of SLE with little renal involvement.

No abnormal levels of IgA Ab to either single-strand DNA or double-strand DNA were found in SLE patients' sera. Corticosteroid and/or immunosuppressant treatment caused a marked drop in the IgM Ab level to DNA within 10 days, while IgG Ab to DNA remained high for up to 30 days.

Quantitation of IgG and IgM Ab to single-strand DNA provides a useful method for diagnosing severe SLE with possible renal involvement and monitoring the course of the disease during therapy.

Abstracts

Hricak H, Toledo-Pereyra LH, Eyer WR, Madrazo BL, Zammit M. The role of ultrasound in the diagnosis of kidney allograft rejection. *Radiology* 1979;132:667-72.

Seventeen nephrectomized dogs underwent kidney transplantation from unrelated donors. Routine immunosuppressive therapy was administered. Serial ultrasound studies and biopsies and complete pathological examinations were performed and compared. A number of sonographic changes were observed within the renal parenchyma during rejection, some of which were present before a significant rise in serum creatinine levels occurred. The medulla became enlarged due to edema, followed by growth of the

rest of the kidney and thickening of the cortex. The cortical echoes became more sparsely distributed and either increased or decreased in amplitude; distribution was generalized or localized. During rejection, the corticomedullary boundary became indistinct. Later, a decrease in the renal sinus echoes was also noted. In two cases, perirenal fluid collections occurred as the result of renal rupture.

Jara FM, Toledo-Pereyra LH, Lewis JW, Magilligan DJ. The infected pacemaker pocket. *J Thorac Cardiovasc Surg* 1979;78:298-300.

Between January 1963, and September, 1978, a total of 1,789 pacemakers were implanted in patients at Henry Ford Hospital. Infection at the site of implantation developed in 19 instances for an incidence of 1.06%. The most common organism cultured was

Staphylococcus epidermidis, and conservative treatment was successful with these patients. In all patients with organisms other than *Staphylococcus epidermidis*, reimplantation of a new unit in a new, clean site was required.

Jara FM, Toledo-Pereyra LH, Lewis JW, Magilligan DJ. Long-term results of esophagomyotomy for achalasia of esophagus. *Arch Surg* 1979;114:935-36.

Modified Heller's esophagomyotomy for achalasia of the esophagus was done in 145 patients at Henry Ford Hospital from 1951 to 1977. Information on current symptoms was obtained for 121 patients from a detailed questionnaire sent to all patients, from personal interviews, or from data obtained from clinical records. Average follow-up time was 85 months. Actuarial analysis of postoperative symptoms showed an incidence of reflux of 24%

after one year and 48% after ten years; incidence of relief of dysphagia was 89% of all patients after one year and 81% after ten years. Continual surveillance of patients after esophagomyotomy must be stressed. Dissatisfaction with the results of this procedure prompted us to recommend that an antireflux operation be performed at the time of the initial procedure.

Jara FM, Toledo-Pereyra LH, Magilligan DJ Jr. Surgical implications of pulmonary actinomycosis. *J Thorac Cardiovasc Surg* 1979;78:600-604.

Four cases of pulmonary actinomycosis are presented. Resection was necessary in three cases before the diagnosis was established.

A high index of suspicion for this disease is advised for the thoracic surgeon involved in the treatment of lung masses.

Jennings JJ, Macrae S, Gorczynski RM. Effect of gold sodium thiomalate on murine lymphocyte functions. *Clin Exp Immunol* 1979;36:260-65.

The in vitro effects of gold sodium thiomalate (GTM) on various murine splenic lymphocytic functions were tested. The presence of GTM in cultures of splenic cells suppressed anti-hapten responses to both thymus-independent and thymus-dependent antigens. GTM also suppressed the in vitro generation of cytotoxic effector cells as well as the mitogenic response to both T cell and B cell mitogens. This suppression could not be reversed by the addition of

irradiated spleen cells. Spleen cells exposed to GTM for 4 hours prior to culture also exhibited similarly suppressed functions, although their functional capacity could be fully restored by the addition of irradiated spleen cells. These results show that GTM inhibits both humoral and cellular immune mechanisms and appears to act primarily at the accessory (macrophage) cell level, with perhaps a secondary effect on T lymphocytes.

Khaja F, Alam M, Goldstein S, Anbe DT, Marks DS. Diagnostic value of visualization of the right ventricle using thallium-201 myocardial imaging. *Circulation* 1979;59:182-88.

The diagnostic significance of visualizing the right ventricle on thallium-201 myocardial perfusion scans (T-scans) at rest was studied in 53 patients. In 33 patients the right ventricle was visualized clearly on the T-scan (group A). Hemodynamic evidence of right ventricular hypertension with systolic pressure < 30mm Hg was present in 28 of 33 (85%) of these patients. Right ventricular volume overload with left-to-right shunt < 2:1 was present in three patients. Other tests were diagnostic for right ventricular enlargement and/or pulmonary hypertension as follows: chest x-ray (58%), echocardiogram (36%), and electrocar-

diogram (15%) In an unselected group of 20 patients (group B), where resting T-scan did not show visualization of the right ventricle, the right ventricular systolic pressure was < 30mm Hg in all. The other noninvasive tests did not reveal presence of right ventricular hypertrophy or enlargement. T-scan appears to be a useful and sensitive test in detecting right ventricular pressure or volume overload compared with other noninvasive tests. This may be useful in detecting patients with right ventricular hypertrophy or enlargement secondary to pulmonary hypertension or other causes.

Kiani D, Quinn EL, Burch KH, Madhavan T, Saravolatz LD, Neblett TR. The increasing importance of polymicrobial bacteremia. *JAMA* 1979;242:1044-47.

Polymicrobial bacteremia increased from 6% in 1970 to 13% in 1975 in patients with bloodstream infections. This type of serious infection most commonly complicated genitourinary (27%) and gastrointestinal (26%) conditions, frequently followed invasive procedures (68%), was more common in hospitalized patients (73%), and was often associated with malignancies (25%) or immunosuppressive or cancer chemotherapy (34%). Although polymicrobial endocarditis was more commonly encountered in

recent years, this infection accounted for only 4.5% of patients with multiple organism bacteremias. Gram-negative aerobic bacteria were isolated from 62% and anaerobic bacteria in 39% of patients with polymicrobial bacteremia compared with 37% and 14%, respectively, in patients with monomicrobial bacteremia. In the 88 patients with polymicrobial bacteremia, the mortality was 44.5%, compared with 18.0% in patients with monomicrobial bacteremia.

Kini KR, Van Dyke DL, Weiss L, Logan MS. Ring chromosome 6: Case report and review of literature. *Hum Genet* 1979;50:145-49.

A ring chromosome 6 has been identified by GTG-banding in a male with microcephaly, growth retardation, seizures, epicanthus, hypertelorism, micrognathia, and other congenital anomalies. Cytogenetic studies indicate the instability of the ring chromosome. The most common findings in subjects with ring 6 include:

profound-to-moderate mental retardation, microcephaly, prenatal growth failure, retarded bone age, epicanthal folds, flat nasal bridge, short neck, ears low-set or malformed, microphthalmia, and micrognathia. Linkage studies, including HLA, are consistent with reported maps of chromosome 6.

Laurence TN, Pugel AV, Teasdall RD. Peripheral nerve involvement in spinal cord injury: An electromyographic study. *Arch Phys Med Rehabil* 1978;59:309-13.

This electromyographic study was undertaken to assess the peripheral nervous system in patients with various types of paraplegia. Twelve patients were studied. In eight patients the paraplegia was of the spastic type, while four had flaccid paraplegia. Electromyographic abnormalities consisting of denervation potentials, slowed conduction, and inexcitability of nerve were demonstrated in the lower limbs of all patients. These findings

suggest a diffuse neuropathy of unknown cause, although local pressure palsies may have occurred in some patients. Because this involvement was more apparent in the flaccid group of paraplegic patients than in the spastic group, we concluded that the peripheral nervous system plays an important role in determining the type of paraplegia that develops following complete spinal cord lesions.

Lee CY, Drukker B. The nonstress test for the antepartum assessment of fetal reserve. *Am J Obstet Gynecol* 1979;134:460-70.

We reviewed 722 nonstress tests (NSTs) that were performed on 471 patients. The results suggest that the NST is a simple, reliable test as a primary screening procedure in antepartum fetal heart rate (FHR) monitoring. The active and reactive tests were indeed

reliable indicators of fetal well-being, while the nonreactive test required an additional discriminatory evaluation. A tentative classification is suggested for those cases with FHR decelerations associated with fetal activity and uterine contractions.

Abstracts

Madrazo BL, Klugo RC, Parks JA, DiLoreto R. Ultrasonographic demonstration of undescended testes. *Radiology* 1979;133:181-83.

Twelve cryptochid patients had sonographic evaluation of the inguinal region prior to surgical orchiopexy. When the testis was within the inguinal canal, the gonad was localized preoperatively by sonography in eight of nine patients. One patient had an

associated inguinal hernia in which loops of bowel concealed the gonad. There were no false positive cases. The authors were not able to show abdominal or pelvic maldescended testes.

Nowak RM, Gordon KR, Wroblewski DA, Tomlanovich MC, Kvale PA. Spirometric evaluation of acute bronchial asthma. *JACEP* 1979;8:9-12.

Spirograms were obtained before and after emergency therapy in 85 episodes of acute bronchial asthma in 82 patients. The clinical status of all patients after emergency treatment was reevaluated 48 hours later. Patients could be divided into three groups: 1) admissions; 2) patients who were discharged but later developed respiratory problems; and 3) patients who were discharged and did well. The mean pre- and posttreatment one second forced expiratory volume (FEV_{1.0}) was significantly different among all three groups. FEV_{1.0} < 0.6 liter before treatment, or an FEV_{1.0} < 1.6 liter after emergency treatment, was associated with an unfavorable course. In Group I, 88% of the patients had either an initial FEV_{1.0}

< 0.6 liter, or a posttreatment FEV_{1.0} < 0.6 liter. Among all patients whose initial FEV_{1.0} was < 0.6 liter, 80% were either admitted or had subsequent respiratory problems; 75% of all patients whose posttreatment FEV_{1.0} was < 1.6 liter were either admitted or developed subsequent respiratory problems. Moreover, 90% of patients who had both a pretreatment FEV_{1.0} < 0.6 liter and a posttreatment FEV_{1.0} < 1.6 liter were admitted or had subsequent significant airway obstruction. We conclude that spirometry can identify asthmatic patients who require admission or who will have significant airway obstruction within 48 hours after they are discharged from the emergency department.

Ross PM, Lyne ED, Morawa LG. Slipped capital femoral epiphysis long-term results after 10-38 years. *Clin Orthop* 1979;141:176-80.

Thirty-four patients with chronic slipped capital femoral epiphysis (SCFE) involving 45 hips were followed over a period of no less than 10 years and as high as 39 years. Excluding those who had had intraoperative complications, 30 hips evaluated between 10 and 20 years follow-up were found to have good or excellent results. Fifteen hips followed longer than 20 years, however, showed fair to

poor grading in 10 to 15 hips. This progressive change seemed to be related most closely to the bilateralism of the disease. These observations suggest that while follow-up of a 20-year duration may show good clinical results, over a longer time the prognosis of SCFE is guarded.

Sabbah HN, Lee TG, Stein PD. Role of blood viscosity in the production of innocent ejection murmurs. *Am J Cardiol* 1979;43:753-56.

The purpose of this study was to investigate factors that may participate in the production of innocent ejection murmurs. Although it is known that ejection murmurs are produced by turbulent flow, the cause of turbulence in subjects with innocent murmurs has not been determined. The viscosity and the density of blood are factors that participate in the production of turbulence. Therefore, their role in the production of innocent ejection murmurs was investigated in 40 healthy young women, aged 18 to 22 years. Fourteen subjects had an innocent murmur; 26 had no murmur. All had a normal hematocrit (37 ml/100 ml or greater);

none were anemic. However, the subjects with an innocent murmur had a significantly lower hematocrit ($P < 0.01$), and consequently the viscosity of blood in these subjects was lower (0.038 ± 0.001 versus 0.042 ± 0.001 poise) ($P < 0.001$). The density of blood and the estimated stroke volume were similar in both groups. These observations suggest that young women with an innocent murmur may have a lower viscosity of blood than those without a murmur. The increased turbulence caused by the decreased viscosity may contribute to causing inaudible ejection murmurs to exceed the threshold of audibility.

Saravolatz LD, Burch KH, Fisher E, Madhavan T, Kiani D, Neblett T, Quinn EI. The compromised host and Legionnaires' disease. *Ann Intern Med* 1979;90:533-37.

Pneumonia caused by Legionnaires' disease bacterium was recognized in eight patients during a seven-month period. The patients were immunosuppressed by their underlying illness, by corticosteroid therapy, and by other exogenous immunosuppressive agents. Five of the patients had received immunosuppressive therapy for less than 16 days. Clinical presentation was similar to that of other bacterial pneumonias in compromised patients. Legionnaires' disease progressed to necrotizing pneumonia with abscess formation and respiratory failure in two patients. Diagnosis was made by 1) culture of lung tissue and bronchial washings; 2)

direct fluorescent antibody staining of lung tissue, sputum, and bronchial washings; and 3) serologic evidence of infection. Therapy with oral erythromycin was ineffective. Intravenous erythromycin was given to six patients, with a good response. However, two patients showed further clinical improvement after rifampin was added. Because this illness may be more severe in compromised hosts, open lung biopsy and special microbiologic tests should be done when Legionnaires' disease is suspected. Otherwise, therapy with parenteral erythromycin should be given if Legionnaires' disease is suspected.

Stein PD. Heart sounds: Significance of intensity following myocardial infarction. *Primary Cardiology* 1979(May):66-71.

Heart sounds are frequently reduced in patients following myocardial infarction, even in the absence of rales or a gallop rhythm. Newly determined physiologic factors that affect heart sounds suggest that a reduction of A_2 can be ascribed to impaired isovolumic relaxation of the left ventricle, and the reduction of P_2 to

impaired isovolumic relaxation of the right ventricle. A reduced first sound implies impaired contractile performance. Auscultatory evaluation of the heart sound intensity is thus a meaningful guide to the function of the heart following a myocardial infarction.

Stein PD, Willis PW, Dalen JE. Importance of clinical assessment in selecting patients for pulmonary arteriography (Editorial). *Am J Cardiol* 1979;43:669-71.

The authors believe that pulmonary arteriography should not be used to exclude pulmonary embolism when the clinical manifestations can reasonably exclude the diagnosis. Certain clinical manifestations, such as 1) sudden, unexplained, severe dyspnea; 2) concomitant deep vein thrombosis; 3) increased respiratory rate; 4) normal chest radiograph in a severely dyspneic patient; 5) suppor-

tive EKG changes; 6) arterial hypoxemia; and 7) perfusion defects in the lung scan, all point to the diagnosis of pulmonary embolism and are felt by the authors to be reliable evidence upon which to select patients by confirmatory pulmonary arteriography, thus reducing the prevalence of negative arteriograms with their attendant morbidity.

Sun CN, White HJ, Watson JHL. Microorganisms seen by scanning and transmission electron microscopy in Legionnaires' disease from human lung. *Experientia* 1979;35:1303-05.

In addition to several anomalous structures, other general forms of definitely rod-shaped microorganisms have been found by scanning and transmission electron microscopy in the lung tissue taken at autopsy from a patient who succumbed to confirmed Legionnaires' disease with extensive necrotizing lobar pneumonia. The

microorganisms, which were micrographed in the act of fission, varied greatly in size and shape. These forms have been found to some extent throughout the tissue. No nickel was demonstrated, either in the lung tissue or in the microorganisms.

Walburn FJ, Blick EF, Stein PD. Effect of the branch-to-trunk area ratio on the transition of turbulent flow: Implications in the cardiovascular system. *Biorheology* 1979;16:411-17.

The purpose of this study is to explore the effect of the branch-to-trunk area ratio upon the tendency of flow to become turbulent in symmetrically branched tubes. Velocity was measured with a laser Doppler anemometer in glass tubes which branched at 70° from a 25 mm diameter trunk. The branch-to-trunk area ratio of branches studied was .4, .6, .8, 1.0, 1.2, and 1.4. For branch-to-trunk area ratios of .4 and .8, the critical Reynolds number in the trunk at which the transition to turbulence in the branch occurred was relatively constant at approximately 2100. As the branch-to-trunk area ratio increased beyond .8, the critical Reynolds number decreased until, at a ratio of 1.4, the critical Reynolds number was

1200. Since the Reynolds number of transition in the trunk was found to be 2100, it is apparent that a branch-to-trunk area ratio of 1.4 caused a prominent reduction of the critical Reynolds number in the system. A branch-to-trunk area ratio of less than .8 had no effect. The velocity profiles at a branch-to-trunk area ratio of .4 showed acceleration of velocity in the branch, while at an area ratio of 1.4, the velocity was shown to decelerate. This explains the tendency for flow to be unstable in branches with area ratios greater than one. These observations suggest that the branch-to-trunk area ratio usually observed in patients at the aortic bifurcation is such that laminar flow is promoted.

Abstracts

Wroblewski DA, Bower GC. The significance of facial burns in acute smoke inhalation. *Crit Care Med* 1979;7:335-38.

The medical records of 21 patients with smoke inhalation admitted to a medical ICU (MICU) were reviewed. Of 21 patients, 6(29%) died. Of 21 patients, 13(62%) had facial burns, and 11 of the 13 (85%) later developed pneumonia. Only 1 of 8 patients (12%) without facial burns developed pneumonia ($p < 0.005$). Of the 12 patients with pneumonia, 7 required ventilatory assistance, and 6

of the 7 died in the MICU. The authors conclude that the presence of facial burns is associated with the later development of pneumonia in a high percentage of cases. Pneumonia contributes significantly to the high mortality rate. The need for ventilatory assistance in smoke inhalation patients is associated with a poor prognosis.

Zafar MS, Mellinger RC, Fine G, Szabo M, Frohman LA. Acromegaly associated with a bronchial carcinoid tumor: Evidence for ectopic production of growth hormone-releasing activity. *J Clin Endocrinol Metab* 1979;48:66-71.

A patient with acromegaly, pituitary enlargement, and elevated plasma GH levels also had a bronchial carcinoid tumor. Signs and symptoms of active acromegaly along with elevated GH levels persisted for 11 years after hypophysectomy and pituitary stalk section. Resection of the bronchial carcinoid reduced plasma GH to barely detectable levels. Extracts of the frozen carcinoid tumor

were devoid of significant GH, but when added to isolated pituitary cells of estrogen-primed male rats in 4-day primary culture they exhibited specific GH-releasing activity in vitro. These findings strongly suggest that the patient's acromegaly resulted from continual stimulation of pituitary somatotrophs by a GH-releasing factor secreted by the bronchial carcinoid.

Zorick FJ, Salis PJ, Roth T, Kramer M. Narcolepsy and automatic behavior: A case report. *J Clin Psychiatr* 1979;40:194-97.

Narcolepsy is characterized by excessive daytime sleepiness and cataplexy, which may be accompanied by hypnagogic or hypnopompic hallucinations and sleep paralysis. Automatic behavior is a relatively newly recognized symptom of the narcolepsy syndrome. This case report describes a particularly troublesome sort of

automatic behavior—shoplifting—in a narcoleptic patient. It illustrates how a sleep-laboratory evaluation was used to confirm the diagnosis of narcolepsy, and it considers aspects of treating the problem.

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Titles Only

- Abarzua J, Anderson JA.** Drugs other than corticosteroids used in the treatment of asthma. *Pediatr Ann* 1979;8:40-56.
- Ackerman LV, Alcorn FS, Hand W, Semmlow J.** Computer controlled access device for medical image processing. *Med Instrum* 1979 (accepted for publication).
- Alam M, Folger GM Jr, Goldstein S.** Tricuspid valve fluttering: Echocardiographic features of ventricular septal defect. *CHEST* 1979.
- Alam M, Goldstein S, Lakier JB, Khaja F, Pickard SD.** Echocardiographic features of porcine valve dysfunction. *Proc, 24th Ann Mtg, American Institute of Ultrasound in Medicine* 1979;1:59.
- Alam M, Goldstein S, Madrazo A, Magilligan J, Lakier JB.** M mode and two-dimensional echocardiographic features of porcine valve dysfunction. In: Lancee CT, ed. *Echocardiology*. Boston, London: M Nijhoff, 1979:213-17.
- Alam M, Lewis JW, Pickard SD, Goldstein S.** Echocardiographic features of mitral obstruction due to bacterial endocarditis. *CHEST* 1979;76:331-33.
- Alam M, Madrazo AC, Magilligan DJ, Goldstein S.** M mode and two-dimensional echocardiographic features of porcine valve dysfunction. *Am J Cardiol* 1979;43:502-09.
- Amante F, Szymanowski RT, Fujita S.** Zenker diverticulum carcinoma of the esophagus. *J Otolaryngol* 1979;8:266-79.
- Anderson JA, Yanari SS, Niemes WJ, Heinzerling RH, Hayashi H.** Antibodies to DNA in patients with hyperreactivity to cow's milk. *J Allergy Clin Immunol* 1979;63:182.
- Ausman J.** Talking about Tias. *Emergency Med* 1979;11:201-03.
- Ausman JI, Chater NL.** New approaches in cerebral revascularization. In: Peerless SJ, ed. *4th international symposium on microsurgical anastomoses for cerebral ischemia*. S. Verlag, 1979.
- Ausman JI, Diaz FG.** Correlation of non-invasive Doppler and angiographic evaluation of extracranial-intracranial anastomoses. In: Peerless SJ, ed. *4th international symposium on microsurgical anastomoses for cerebral ischemia*. S. Verlag, 1979.
- Ausman JI, Lee MC, Chater N, Latchaw RE.** Superficial temporal artery to superior cerebellar artery anastomosis for distal basilar artery stenosis. *Surg Neurol* 1979;12:277-82.
- Austad ED, Rose GL.** A self-inflating implant for donor tissue augmentation. *J Plast Reconstruct Surg* 1979 (accepted for publication).

Titles

- Baker L, Benjamin R, Fine G, Saiki J, Rivkin S.** Combination chemotherapy in the management of disseminated soft tissue sarcomas—Southwest Oncology Group. *Proc Am Assoc Cancer Res* 1979;20:378.
- Barth CL, Judge MS, Mattman LH, Hessburg PC.** Isolation of an acid-fast organism from the aqueous humor in a case of sarcoidosis. *Henry Ford Hosp Med J* 1979;27:127-33.
- Beninson J.** Medical management of the peripheral vascular ulcer. *Angiology* 1979;30 (1):48-52.
- Beninson J, Preuss LE, Bolin FP.** Letter to the editor: A new method for quantitation of lymphedema. *Henry Ford Hosp Med J* 1979;27:148.
- Beute GH.** Arthritis: A radiologic overview. *Henry Ford Hosp Med J* 1979;27:24-31.
- Bicher HI.** Prevention by flow improvers of radiation induced damage to the liver microcirculation and tissue oxygenation. *Microvasc Res* 1979;17:S154.
- Blick EF, Sabbah HN, Stein PD.** One-dimensional model of diastolic semilunar valve vibrations productive of heart sounds. *J Biomech* 1979;12(3):223-27.
- Block MA, Jackson CE, Greenawald KA, Tashjian AH.** Clinical characteristics distinguishing hereditary from sporadic medullary thyroid carcinoma: Treatment implications. *Arch Surg* 1979 (accepted for publication).
- Bluhm GB.** Practical rheumatology: Common problems in primary care. Patient Care Publications, Inc, 1979.
- Bluhm GB.** Examination of synovial fluid. *Tice's practice of medicine*. Hagerstown, MD: Harper and Row, 1979;2:1-12.
- Bluhm GB.** Gout and pseudogout. *Henry Ford Hosp Med J* 1979;27:14-17.
- Bluhm GB.** Gouty arthritis. *Tice's practice of medicine*. Hagerstown, MD: Harper and Row, 1979;5:Chap 39.
- Bluhm GB, McElroy HH, Riddle JM, Sigler JW.** Acute inflammatory response in experimental skin lesions of patients with ankylosing spondylitis. *Henry Ford Hosp Med J* 1979;27:250-54.
- Blumer D.** On the nature and treatment of chronic pain. In: Wain HJ, Devais DP, eds. *Current concepts in the treatment of pain*. Springfield, ILL: CC Thomas, 1979.
- Blumer D.** Psychiatric aspects of temporal lobe epilepsy-A review. In: JA Wada, ed. *Epilepsy: Neurotransmitter, behavior and pregnancy*. Canadian League against Epilepsy, Western Institute on Epilepsy, 1979.
- Blumer D, Heilbronn M, Pedraza E, Pope G.** Systematic treatment in chronic pain with antidepressants. *Henry Ford Hosp Med J* (accepted for publication, 1979).
- Bolin FP, Preuss LE.** Optimum photon energies. *Br J Radiol* 1978;51:607.

1979 HFH Staff Publications

Bolin FP, Preuss LE, Gilbert K, Bugenis CK. Errors in dual x-ray beam differential absorptiometry. *Adv X-ray Analy.* 1978;21:155-70.

Borer KT, Rowland N, Mirow A, Borer RC Jr, Kelch RP. Physiological and behavioral responses to starvation in the golden hamster. *Am J Physiol* 1979;236:E105.

Bower GC, Conway WA, Engel M, Ohorodnik JM. Henry Ford Hospital clinicopathological conference: Acute respiratory failure in a 33-year-old man with granulomatous lung disease. *Henry Ford Hosp Med J* 1979;27:114-21.

Boyajy T, Adams K, Brock P. In: Alcoholism within prepaid group practice HMO's. Washington: Group Health Association, 1979.

Brewster A. Development of children's concepts of illness. *Pediatr Res* 1979;14:330.

Brown GG, Nixon R. Exposure to polybrominated biphenyls: Some effects on personality and cognitive functioning. *JAMA* 1979;242:523-27.

Brown G, Rosenbaum G, Lewis R, Rourke R. The effects of rehearsal rate on serial recall in Korsakoff amnesia. *Neuropsychologia* 1979 (in press).

Brown RS. Renal dysfunction in the surgical patient: Maintenance of the high output state with furosemide. *Crit Care Med* 1979;7(2):63-8.

Burch K, Pohlod D, Saravolatz L, et al. Ceforanide: In vitro and clinical evaluation. *Antimicrob Agents Chemother* 1979;16:386-91.

Burke DW, Folger GM Jr, Magilligan DJ Jr. Pulmonary arterial compression caused by bronchogenic cyst. *Angiology* 1979 (accepted for publication).

Burke DW, Karo J, Diaz P, Goldstein S, Stein PD. Left atrial myxoma causing left ventricular outflow tract obstruction. *Vasc Surg* 1979;13:111-14.

Burnham TK. Antinuclear antibodies: A simplified classification of the nuclear immunofluorescent patterns. In: Beutner EH, et al, eds. *Immunopathology of the skin*. J. Wiley and Sons, 1979.

Caldwell JR. Practical approach to hypertension. 1. Diagnostic evaluation. *Postgrad Med* 1979;65:66-92.

Caldwell JR. Practical approach to hypertension. 2. Treatment. *Postgrad Med* 1979;65:81.

Callaghan JT, Ausman JI, Clubb R. Cerebrospinal fluid perfusion to treat intraventricular penicillin toxicity. *JAMA* 1979 (accepted for publication).

Cardenas J, Pohlod D, Saravolatz L, et al. Comparative in vitro activity of CI-867, a new semisynthetic penicillin with ticarcillin and piperacillin. *Proc, 11th ICC-18th ICAAC, 1979* (in press).

Titles

- Chason JL.** Diseases of the nervous system and climie. In: Anderson WAD, Kissane J, eds. Pathology. 7th ed. St. Louis: CV Mosby, 1979.
- Cockburn A, Duncan H, Riddle JM.** Arthritis, ancient and modern: Guidelines for field workers. *Henry Ford Hosp Med J* 1979;27:74-9.
- Conway WA, Zorick F, Hartse K, Piccione P, Roth T.** Protriptyline in the treatment of sleep apnea. *CHEST* 1979;76:349.
- Cortes P, Dumler F, Venkatachalam KK, Levin NW.** Possibility of in vivo pyrimidine nucleotide compartmentation in rat renal cortex and liver. *Clin Res* 1979;27:364.
- Cortes P, Levin NW, Dumler F, Rubenstein AH, Verghese CP, Venkatachalam KK.** Uridine triphosphate and RNA synthesis during diabetes induced renal growth. *Am J Physiol* 1979 (in press).
- Cortes P, Levin NW, Dumler F, Venkatachalam KK, Bernstein J.** Incorporation of exogenous precursors into uridine nucleotides and RNA. Nucleotide compartmentation. *Biochem J* 1979;182:677-86.
- Cortes P, Verghese CP, Venkatachalam KK, Schoenberger AM, Levin NW.** Phosphoribosylpyrophosphate bioavailability in the diabetic rat renal cortex in vivo. *Am J Physiol* 1979 (in press).
- Cromwell PW, Malcom SE, Toledo-Pereyra LH.** Immediate effect of islet cell transplantation in diabetic rats. *Clin Res* 1979;27:(PA)364.
- Cruz C, Levin NW, Shah S, Zinn D, Kilates MC, Parfitt AM, Kleerekoper M.** Factors determining hypophosphatemia in chronic hemodialysis. *Mineral Electrolyte Metabolism* 1979;2:219-20.
- DeHorn AB, Lachar D, Gdowski CL.** Profile classification strategies for the personality inventory for children. *J Consult Clin Psychol* 1979;47:874-81.
- Delahunty T, Foreback C, Morrison M.** Evaluation of the antibody coupled determination of creatine phosphokinase isoenzyme (CK-MB) activity using the Gensac centrifugal analyzer. *Clin Chem* 1979;25:1100.
- Diaz FG, Ausman JI.** Cerebral revascularization for ocular ischemia. *J Neuro-ophthalmol* 1979 (in press).
- Diaz FG, Ausman JI.** Experimental cerebral infarction: Literature review. *Neurosurg* 1979 (in press).
- Diaz FG, Mastri AR, Ausman JI, Chou SM.** Acute cerebral revascularization. Part I. Cerebral ischemia experimental animal model. *Surg Neurol* 1979;12:353-62.
- Diaz FG, Mastri AR, Chou SN, Ausman JI.** Acute cerebral revascularization after regional cerebral ischemia in the dog. Part II. Clinicopathologic correlation. *J Neurosurg* 1979; 51:644-53.
- Dienst SG, MacDonald R, Toledo-Pereyra LH, Fox B.** Modification of donor pretreatment prolongs canine renal allograft survival. *Transplant Proc* 1979;11:1465-66.

1979 HFH Staff Publications

- Di Loreto R, Cerny JC.** Surgical treatment for renal cell carcinoma. *Henry Ford Hosp Med J* 1979;27:96-99.
- Diop S, Heller W, Kalousdian S, Watson JHL.** Mechanical and surface coagulation. VI. Differential surface coagulation in two-component colloidal solution. *J Colloid Interface Sci* 1979;70:328-37.
- Doumes B, Hause L, Sciacca R, Jendrejczak B, Foreback C, Hoover J, Spencer W, Smock P.** Performance of the DuPont ACA ammonia method. *Anal Chem* 1979;25:175-78.
- Dumler F, Cortes P, Levin NW, Spargo BH, Rubenstein AH, Verghese CP.** Effects of ortate administration on the normal rat kidney: Similarity to changes observed in diabetes mellitus. *Diabetes* 1979;28:680-85.
- Dumler F, Jackson CE, Kini KR, Samhoury AM, Halvorson HR, Shore JD.** Clinical use of extracorporeal L-asparaginase chemotherapy. *Clin Res* 1979;27:(PA)384.
- Dumler F, Levin NW.** Leukopenia and hypoxemia: Unrelated effects of hemodialysis. *Arch Intern Med* 1979;129:1103-06.
- Dumler F, Levin NW, Santiago G, Cruz C, Cortes P, Dienst S.** End-stage renal disease in diabetics: Dialysis or transplantation? *Lancet* 1979;2:412-13.
- Duncan H.** Osteoarthritis. *Henry Ford Hosp Med J* 1979;27:6-9.
- Duncan H.** Paget's disease of bone. *Tice's practice of medicine*. Hagerstown, MD: Harper and Row, 1979;5:Chap 52.
- Duncan H, Jaworski ZF.** Osteoporosis. *Tice's practice of medicine*. Hagerstown, MD: Harper and Row. 1979;5:Chap 52.
- Eichenhorn MS.** Gastric rupture complicating post extubation laryngeal edema and the use of a manual resuscitation bag. *CHEST* 1979;76:324-25.
- Eichenhorn MS, Pensler MI, Lewis JW.** Pulmonary arterial laceration secondary to subclavian vein catheterization. *CHEST* 1979 (in press).
- El-Khatib MR, Chason JL, Lerner AM.** Ventricular aneurysms complicating coxsachievirus Group B types 1 and 4 murine myocarditis. *Circulation* 1979;59:412-16.
- Emerman CE.** Abdomino-pelvic injury associated with pelvic fracture. *JACEP* 1979;8:312-15.
- Eyler WR, Sandler MA, Gross SC, Madrazo BL.** Management of renal cell carcinoma: Evaluation of renal masses by modern radiological techniques. *Henry Ford Hosp Med J* 1979;27:86-90.
- Farah RN.** Bilateral renal cell carcinoma: Two case reports. *Henry Ford Hosp Med J* 1979;2:100-103.
- Farah RN, Benson DO, Fine G, Dorman PJ.** Primary localized amyloidosis of bladder. *Urology* 1979;13:200-02.
- Farah RN, Di Loreto RR, Cerny JC.** Trans-urethral resection combined with steroid injection in treatment of recurrent vesical neck contractures. *Urology* 1979;13:395-97.

Titles

- Fauman BJ.** Behavioral emergencies. In: Tintinalli J, ed. A study guide in emergency medicine. Lansing: ACEP, 1979.
- Fauman MA, Fauman BJ.** Violence associated with PCP abuse. *Am J Psychiatr* 1979;136:1584-86.
- Fine G, Osamura RY, Lee MW.** Ultrastructure of the myocardial fibroma. *Arch Pathol Lab Med* 1979;103:11-17.
- Folger GM, Khaja F, Anbe DT, Sabbah H, Stein PD.** Assessment of congenital aortic stenosis by oriface view aortography. *Pediatr Res* 1979;13:343.
- Folger GM, Kouri P, Sabbah HN.** Arterialized capillary blood sampling in the neonate: A reappraisal. *Crit Care Med* 1979;7:190.
- Foreback CC.** Performance of the Du Pont ACA ammonia method. *Clin Chem* 1979;25:175-78.
- Fox B, Gordon D, Toledo-Pereyra LH.** Effect of cimetidine, an H-2 receptor antagonist on murine splenocyte responses to mitogens, syngeneic and allogeneic stimulation. *Fed Proc* 1979;38(3):1102.
- Frame B.** Concepts of osteomalacia in 1979. *Endocrinol Jpn* 1979;26:101-06.
- Garcia R, Breneman G, Goldstein S.** Evaluation of the health care support/electrocardiogram computer analysis program version 2. *J Comput Cardiol* (in press).
- Garcia R, Saeed SM.** Cardiovascular amyloidosis. *Pract Cardiol* 1979;5:25-32.
- George T, Burch K, Magilligan DJ Jr.** Rifampin in the management of prosthetic valve staphylococcal endocarditis. *Ann Thorac Surg* 1979 (accepted for publication).
- Gishen P, Lakier JB.** Ascending aorta in aortic stenosis. *Cardiovasc Radiol* 1979;2:85-8.
- Glaser R, Nonoyama M, Szymanowski R, Graham W.** Epstein-Barr virus DNA in North American nasopharyngeal carcinoma. *Proc Am Assoc Cancer Res* 1979;20:42.
- Goad E, Feldkamp CS.** Evaluation of modified vitamin B₁₂ radioassay kits. Natl mtg, Clinical Radioassay Society, Washington, DC: 1979.
- Goldman J, Baldwin D, Rubensein AH, et al.** Characterization of circulating insulin and proinsulin-binding antibodies in autoimmune hypoglycemia. *J. Clin Invest* 1979;63:1050-59.
- Goldstein A.** Quality assurance in diagnostic ultrasound—A manual for the clinical user. American Institute of Ultrasound in Medicine 1979 (accepted for publication).
- Goldstein A.** Quality assurance and routine preventive maintenance. In: Wells PNT, Ziskin MC, eds. New techniques and instrumentation in ultrasonography. *Clinics of Diagnostic Ultrasound* 1979;5:Chap 2.

1979 HFH Staff Publications

- Goldstein A, Langrill L.** Ethylene glycol water mixtures for use in ultrasound test objects. *J Clin Ultrasound* 1979 (accepted for publication).
- Goldstein S.** B-adrenergic blocking agents in the post-myocardial infarction patient. *Arch Intern Med* 1979;139:1089-90.
- Gonen B, Goldman J, Baldwin D, Goldberg RB, et al.** Metabolic control in diabetic patients-Effects of insulin secretory reserve (measured by plasma C-peptide levels) and circulating insulin antibodies. *Diabetes* 1979;28:749-53.
- Gorcynski RM, MacRae S, Jennings J.** A novel role for macrophage: Antigen discrimination of distinct carbohydrate bonds. *Cell Immunol* 1979;45:276-94.
- Gorrell JM, Palutke WA, Chason JL.** *Candida* pachymeningitis with multiple cranial nerve pareses. *Arch Neurol* 1979;36:419-20.
- Grant I, Adams K, Reed R.** Normal neuropsychological abilities of alcoholic men in their late thirties. *Am J Psychiatr* 1979;136:1263-69.
- Grant I, Adams K, Reed R, Carlin A.** Neuropsychological function in young alcoholics and polydrug users. *J Clin Neuropsychol* 1979;1:40-47.
- Grodsinsky C, Block M.** Persistent obstructive jaundice associated with chronic pancreatitis. *Henry Ford Hosp Med J* (accepted for publication, 1979).
- Gruenberg JC, Grodsinsky C, Ponka JL.** Pneumatosis intestinalis: A clinical classification. *Dis Colon Rectum* 1979;22:5-9.
- Haas PA.** Role of connective tissue in the anchoring mechanism and function of the anus. *Anat Rec* 1979;193(3):557-58.
- Haas PA, Fox TA Jr.** Age related changes and scar formation of the perianal connective tissue. *Dis Colon Rectum* 1979 (in press).
- Haas PA, Fox TA.** Civilian injuries of the rectum and anus. *Dis Colon Rectum* 1979;22(1):17-23.
- Hall JC, Goetz CS, Batholome CS, Livingood CS.** Pseudofolliculitis. Revised concepts of diagnosis and treatment: Report of three cases in women. *Cutis* 1979;23:798-800.
- Halvorson HR.** Relaxation kinetics of glutamate dehydrogenase self-association by pressure perturbation. *Biochemistry* 1979;18:2480.
- Hamburger JI, Miller JM, Kini SR.** Diagnosis of thyroid nodules by fine needle aspiration and needle biopsy. *JAMA* 1979;241:481-84.
- Hamburger JI, Miller JM, Kini SR.** In: clinical-pathological evaluation of thyroid nodules: Handbook and atlas. Southfield, MI Northland Thyroid Laboratory 1979:37-50.

Titles

Hand W, Semmlow J, Ackerman LV, Alcorn F. Computer screening of xeromammograms: A technique for defining suspicious areas of the breast. *Comput Biomed Res* 1979 (accepted for publication).

Hartse K, Roth T, Piccione P, Zorick F. Rebound insomnia: A reevaluation. *Science* 1979 (in press).

Hefner LV, Goldstein A. Transducer beam pattern test object. *J Clin Ultrasound* 1979 (accepted for publication).

Heinzerling RH, Burnham TK, Belviso HM, Dziuba DS. Characterization of a nuclear membrane associated antigen reactive with autoantibodies producing the thready ANA pattern. *Clin Res* 1979;27:(PA)528.

Heinzerling RH, Burnham TK, Belviso HM, Dziuba DS. Characterization of a nuclear membrane associated antigen reactive with autoantibodies producing the thready ANA pattern. *J Invest Dermatol* 1979;72:209-210.

Heinzerling RH, Dziuba DS, Federyszyn HM, Burnham TK. Significance of levels of specific immunoglobulins to DNA in SLE patients' sera detected by solid phase radioimmunoassay. *J Invest Dermatol* 1979;72:55-8.

Ho KL, Konno ET, Chason JL. Focal myositis of the neck. *Hum Pathol* 1979;10:353-56.

Ho KL, Piligian JT, Chason JL. Adult form of subacute necrotizing encephalomyelopathy. *Arch Path Lab Med* 1979;103:344-47.

Hodgkinson CP. Detrusor dyssynergia: Rare cause of urinary incontinence in women. *JAMA* 1979;241:1505.

Hodgkinson CP, Drukker BH. Obstetrics and gynecology. In Danforth DN, ed. *Operative gynecology*. 4th ed. 1979:Chap 61.

Hricak H, Marks DS, Eyler WR. Ventilatory abnormalities induced by pulmonary embolus demonstration by V-Q studies. *J Nucl Med* 1979;20:638.

Hricak H, Toledo-Pereyra LH, Eyler WR, Madrazo BL. Role of ultrasound in renal transplantation—review of clinical and experimental observations. *Dialys Transplant* 1979;8:818.

Hricak H, Toledo-Pereyra LH, Eyler WR, Madrazo BL, Sy GS. Evaluation of acute post-transplant renal failure by ultrasound. *Radiology* 1979;133:443-47.

Hricak H, Toledo-Pereyra LH, Eyler WR, Madrazo BL, Zammit M. The role of ultrasound in the diagnosis of kidney allograft rejection. *Radiology* 1979;132:667-72.

Huseby RA. Demonstration of a direct carcinogenic effect of estradiol on Leydig cells of the mouse. *Proc Am Assoc Cancer Res* 1979;20:55.

Huseby RA, Dominquez OV. Hypophyseal stimulation and biosynthesis of androgens produced by hyperplastic adrenals of castrate BALB/c mice. *J Steroid Biochem* 1979;11:1401-05.

Izumi K, Goldstein S, Stein PD. Vectorcardiographic and electrocardiographic diagnosis of diaphragmatic myocardial infarction in patients with left-bundle branch-block. *Jpn Circ J* 1979;43:49-58.

1979 HFH Staff Publications

- Izumi I, Stein PD, Goldstein S.** Concealed pre-excitation and Woff-Parkinson-White pattern possibly related to Mahaim fibers. *Jpn Circ J* 1979 (in press).
- Jackson CE, Block ME, Greenawald KA, Tashjian AH.** The two mutational event theory in medullary thyroid cancer. *Am J Hum Genet* 1979;31.
- Jackson DR, Lyne ED.** Caffey's disease. A case history. *J Bone Joint Surg* 1979 (in press).
- Jackson DR, Lyne ED.** Infantile cortical hyperostosis — case report. *J Bone Joint Surg* 1979;61:770-72.
- Jackson JA, Halvorson HR, Furlong JW, Lucast KD, Shore JD.** New extracorporeal reactor dialyzer for enzyme therapy using immobilized L-asparaginase. *J Pharmacol Exp Ther* 1979;209:271-74.
- Jara FM.** Diaphragmatic pedicle flap for treatment of Boerhaave's syndrome. *J Thorac Cardiovasc Surg* 1979;78:931-33.
- Jara FM, Toledo-Pereyra LH, Lewis JW, Magilligan DJ.** The infected pacemaker pocket. *J Thorac Cardiovasc. Surg* 1979;78:298-300.
- Jara RM, Toledo-Pereyra LH, Lewis JW, Magilligan DJ.** Long-term results of esophagomyotomy for achalasia of esophagus. *Arch Surg* 1979;114:935-36.
- Jara FM, Toledo-Pereyra LH, Magilligan DJ.** Surgical implications of pulmonary actinomycosis. *J Thorac Cardiovasc Surg* 1979;78:600-604.
- Jara FM, Yap A, Toledo-Pereyra LH, Magilligan DJ.** The role of surgery in primary osteomyelitis of the chest wall. *J Thorac Cardiovasc Surg* 1979;77:147-50.
- Javier R, Dumler F, Levin NW.** Comparison of different modalities of treatment in the course of renal scleroderma. *South Med J* 1979 (in press).
- Jennings JJ, Macrae S, Gorczynski RM.** Effect of gold sodium thiomalate on murine lymphocyte functions. *Clin Exp Immunol* 1979;36:260-65.
- Jimenea CV.** Ankylosing spondylitis. *Henry Ford Hosp Med J* 1979;27:10-13.
- Josephson A, Saravotatz LD, Arking L, Wentworth BB.** Legionella pneumophila antibody in hospital employees. *Ann Int Med* 1979;91:653-54.
- Kahn MH, Lam R, Tamoney H.** Isolated granulomatous gastritis. Report of a case simulating gastric carcinoma. *Am J Gastroenterol* 1979;71:90-4.
- Kawanishi H, Ibrahim M, Wong KM, MacDermott RP, Sheagren JN.** Stimulation of lymphotoxin production in vitro by liver specific protein in patients with active alcoholic and chronic active liver-diseases. *Gastroenterology* 1979;76:1166.
- Khaja F, Alam M, Goldstein S, Anbe DT, Marks DS.** Diagnostic value of visualization of right ventricle using thallium 201 myocardial imaging. *Circulation* 1979;59:183-88.

Titles

Khaja F, Lakier J. Foreign body retrieval from the heart by two catheter technique. *Cathet Cardiovasc Diagn* 1979;5:263-68.

Kiani D, Quinn EL, Burch KH, Madhavan T, Saravolatz D, Neblett TR. The increasing importance of polymicrobial bacteremia. *JAMA* 1979;242:1044-47.

Kini KR, Jackson CE, Dumler F, Shah S, Jackson JA, Furlong JC, Lucast KD, Halvorson HR, Shore JD. Extracorporeal l-asparaginase therapy in acute lymphocytic leukemia. *Pediatr Res* 1979;13:434.

Kini KR, Van Dyke DL, Weiss L, Logan M. Ring chromosome 6: Case report and review of literature. *Hum Genet* 1979;50:145-49.

Kleerekoper M, Bernstein RS, Chu JW, Smith D, Parfitt AM. Classification of idiopathic hypercalciuria. *Mineral Electrolyte Metabolism* 1979;2:239 (abst).

Kleerekoper M, Bernstein RS, Crouch M, Parfitt AM. Parathyroid function in osteoporosis—lack of correlation with skeletal histology. *Mineral Electrolyte Metabolism* 1979;2:239-40 (abst).

Kleerekoper M, Bernstein RS, Foreback CC, Smith D, Parfitt AM. Nephrogenous cyclic-AMP in surgical hypo-parathyroidism: Evidence for residual parathyroid hormone secretion. *Mineral Electrolyte Metabolism* 1979; 2:238-39 (abst).

Kleerekoper M, Chu JW, Bernstein RS, Foreback CC, Parfitt AM. Accurate biochemical assessment of parathyroid function without PTH immunoassay value of nephrogenous cyclic AMP. *Clin Chem* 1979;25:1065.

Kleerekoper M, Cruz C, Bernstein RS, Levin NW, Foreback CC, Parfitt AM. Phosphaturic action of PTH in the steady state in patients with normal and impaired renal function. *Mineral Electrolyte Metabolism* 1979;2:240 (abst).

Kleerekoper M, Foreback CC, Bernstein RS, Chu JW, Parfitt AM. Nephrogenous cyclic AMP (NC'AMP) alternative to parathyroid hormone (PTH) immunoassay. *Clin Biochem* 1979;12:10 (abst).

Klugo RC. Diagnostic and therapeutic immunology of renal cell cancer. *Henry Ford Hosp Med J* 1979;2:106-09.

Kramer M, Roth T. Dreams in psychopathology. In: Wolman BB, ed. *Handbook of dreams, research, theories and applications*. New York: VN Reinhold, 1979:203-25.

Kramer M, Roth T. The stability and variability of dreaming. *Sleep* 1979;1:319-325.

Krull EA, Soderstrom RM. Deep fungal infections. In: Callen JP, ed. *Cutaneous aspects of internal disease: Cardiopulmonary disorders section*. Yearbook of Dermatology Publishers 1979 (accepted for publication).

Lakier JB, Khaja F, Magilligan D, Goldstein S. Long-term follow-up of porcine xenograft valve. *Circulation* 1979;60:221.

Lakier JB, F Khaja, PD Stein. Rationale and use of vasodilators in the management of congestive heart failure. *Am Heart J* 1979;97:519-26.

1979 HFH Staff Publications

Lam R, Colah SA. Atypical fibrous histiocytoma with myxoid stroma. A rare lesion arising from dura mater of the brain. *Cancer* 1979;43:237-45.

Lam RMY, Fine G. Ultrastructural and histochemical differences among myxomatous soft tissue tumors. *Lab Invest* 1979;40(2):266-67.

Latchaw RE, Ausman JI, Lee MC. STA-MCA anastomosis: Detailed analysis of pre- and postoperative angiography. In: Peerless SJ, ed. 4th international symposium on microsurgical anastomoses for cerebral ischemia. S. Verlag, 1979.

Laurence TN, Pugel AV, Teasdall RD. Peripheral nerve involvement in spinal cord injury: An electromyographic study. *Arch Phys Med Rehabil* 1978;59:309-13.

Laws WR, Shore JD. Spectral evidence for tyrosine ionization linked to a conformational change in liver alcohol dehydrogenase ternary complexes. *J Biol Chem* 1979;254:2582-84.

Laws WR, Shore JD. Tyrosine ionization due to conformational changes in liver alcohol dehydrogenase ternary complexes. *Fed Proc* 1979;38(3):728.

Lee CY, Drukker B. Nonstress test for the antepartum assessment of fetal reserve. *Am J Obstet Gynecol* 1979;134:460-70.

Lee CY, Madrazo BL, Drukker BH. Ultrasonic evaluation of the postpartum uterus in the management of postpartum bleeding. *Am J Obstet Gynecol* 1979 (in press).

Lee MC, Ausman JI, Diaz FG, Klassen AK. STA-MCA bypass: Further analysis of long-term results. A neurologist's view. In: Peerless SJ, ed. 4th international symposium on microsurgical anastomoses for cerebral ischemia. S. Verlag, 1979.

Lee ND, Ausman JI, Geiger J, et al. Superficial temporal to middle cerebral artery anastomosis. Clinical outcome in patients with ischemia or infarction in internal carotid artery distribution. *Arch Neurol* 1979;36:1-4.

Lee MW, Eisses JF, Fine G. Aids for diagnosis of cryptococcus neoformans in formalin fixed tissue. *Am J Clin Pathol* 1979;71:605-06.

Lee TG, Levin NW, Javier R, Marks DS, Halpin WW, Lakier JB. Pre-hemodialysis and post-hemodialysis myocardial function in patients with chronic renal failure. *Circulation* 1979;60:131.

Lee TG, Marks DS, Javier R, Levin NW, Halpin WW, Lakier JB. Non-invasive assessment of left ventricular dysfunction in patients with chronic renal failure. *Circulation* 1979;60:62.

Leisen JC, Duncan H. The impact of rheumatic disease on society. *Henry Ford Hosp Med J* 1979;27:70-2.

Levin NW. High sodium dialysate-reply. *Int J Artif Organs* 1979;2:171-72.

Levin NW, Dumler F. Miscellaneous systemic disease affecting the kidney. In: Weller J, ed. *Fundamentals of nephrology*. New York: Harper and Row, 1979:158-71.

Titles

- Lewis JW, Storer EH.** The management of iatrogenic chylous ascites. *Henry Ford Hosp Med J* 1979;2:140-44.
- Lovy MR, Bluhm GB, Morales A.** The occurrence of nail pitting in Reiter's syndrome. *J Am Acad Dermatol* 1979; (in press).
- Lyne ED, Vedder K.** Multidisciplinary approach to the care of the multiply handicapped. In: Hilt NE, Cogburn SB, eds. *Manual of orthopaedics*. 1979:Sec VIII, chap 35.
- Ma CK, Fine G, Lewis JW Jr, Lee MW.** Benign mixed tumor of the trachea. *Cancer* 1979;44.
- Madhavan T, Pohlod D, Saravolatz L, Cardenas J.** Simultaneous salivary and serum concentrations of cefamandole in human volunteers and efficacy in pharyngeal gonorrhea. *Proc, 11th ICC--18th ICAAC, 1979* (in press).
- Madrazo BL, Klugo RC, Parks J, Diloreto R.** Ultrasonographic demonstration of undescended testes. *Radiology* 1979;133:181-83.
- Maeda K, Saeed SM, Rebuck JW.** Malignant lymphoma of bone marrow-histopathologic study. *Am J Clin Pathol* 1979;71:608.
- Magilligan DJ, Davila JC.** Innominate artery disruption due to blunt trauma. *Arch Surg* 1979;114(3):307-09.
- Magilligan DJ Jr, Fisher E, Alam M.** Hemolytic anemia with porcine xenograft aortic and mitral valves. *J Thorac Cardiovasc Surg* 1979 (accepted for publication).
- Magilligan DJ Jr, Isshak G.** Carcinoma of the breast in a pacemaker pocket. Simple recurrence or oncotaxis. *PACE* 1979 (accepted for publication).
- Magilligan DJ Jr, Lewis JW, Jara FM, Lakier JB, Davila JC.** Indications for reoperation after bioprosthetic valve implantation. Experience with the porcine xenograft valve. In: Seveing F, ed. *Bioprosthetic cardiac valves*. Munich:Deutsches Herzzentrum, 1979:319-33.
- Malcom SE, Cromwell P, Toledo-Pereyra LH.** Effect of donor pretreatment with methylprednisolone and glucagon in islet cell isolation. *Clin Res* 27:(PA)372.
- Malik GM, Crawford AH, Halter R.** Swan neck deformity secondary to osteomyelitis of the posterior elements of the cervical spine. *J Neurosurg* 1979;50(3):388-90.
- Markowitz NR, Catone GA, Merrill R, Wolford DG, Hawkinson R.** Immediate permanent reconstruction of a mandibular continuity defect with use of a prosthesis of chromium cobalt alloy. *J Am Dental Assoc* 1979;98:943-46.
- Markowitz NR, Monaco F, Wolford DG.** Third molar in Ramus: Bilateral vertical impacted third molars of the midramus. *000* 1979;47:107.
- Marzilli M, Goldstein S, Sabbah HN, Lee T, Stein PD.** Effect of regional myocardial performance upon local perfusion. *Fed Proc.* 1979;38(3):1038.

1979 HFH Staff Publications

Marzilli M, Goldstein S, Sabbah HN, Lee T, Stein PD. Modulating effect of regional myocardial performance upon local myocardial perfusion in the dog. *Circ Res* 1979;45:634-41.

Marzilli M, Goldstein S, Sabbah HN, Lee T, Stein PD. Regulatory action of regional function on myocardial perfusion. *Clin Res* 1979;27:186.

Marzilli M, Sabbah HN, Lee TG, Stein PD. Role of the papillary muscle in opening and closure of the mitral valve. *Am J Physiol Heart Circ Physiol* 1979 (in press).

Marzilli M, Sabbah HN, Stein PD. Mitral regurgitation in ventricular premature contractions: The role of the papillary muscle. *CHEST* 1979 (in press).

Marzilli M, Sabbah HN, Stein PD. The supply-demand balance of subendocardial muscle. Estimation from intramyocardial pressure. *J Thorac Cardiovasc Surg* 1979 (in press).

Mawk JR, Ausman JI, Erickson DL, Maxwell RE. Vasospasm following transcranial removal of large pituitary adenomas - report of three cases. *J Neurosurg* 1979;50:229-32.

McCormack SA, Huseby RA. Plasma testosterone concentrations in normal and estrogen treated mice of three strains differing in susceptibility to induction of Leydig cell tumors. *J Steroid Biochem* 1979;11:1407-11.

Meyer WE, Schuman BM, Wong KH, Madrazo BL. False negative ultrasonography in the demonstration of bile-duct dilation in jaundiced patients with choledocholithiasis. *Gastrointest Endosc* 1979;25:43.

Mikhail GR, Fachnie DM, Drukker BH, Farah R, Allen HM. Generalized malignant acanthosis nigricans. *Arch Dermatol* 1979;115:201-02.

Miller JM, Large needle biopsy diagnosis of thyroid carcinoma problem area. *Ann Clin Lab Sci* 1979;9:319-25.

Monto RW, John W. Rebeck, MD, PhD. *Henry Ford Hosp Med J* 1979;27:180-83.

Morales A, McGoey JW. Pilomatricoma: Treatment by incision and curettment. *J Am Acad Dermatol* 1979 (accepted for publication).

Neblett T, Quinn EL. Compromised host and Legionnaires' disease. *Ann Intern Med* 1979;90:533-37.

Neblett TR, Riddle JM, Dumoff M. Surface topography and fine structure of the Legionnaires' disease bacterium: Study of 6 isolates from hospitalized patients. *Ann Intern Med* 1979;90:648-51.

Nichols RDN, Stine PH. Facial nerve function in 100 consecutive parotidectomies. *Laryngoscope* 1979 (accepted for publication).

Nichols RDN, Stein PH. Partial laryngectomy after radiation failure. *Laryngoscope* 1979 (accepted for publication).

Noonan SM, Weiss L. Lymphocyte ultrastructure in case of atypical generalized gangliosidosis. *Micron* 1979;10:183.

Titles

Noonan SM, Weiss L. Normal amniotic fluid cells. In: Hafez ESE, ed. Scanning electron microscopy of human reproduction. Ann Arbor: Science Press 1979;12:177-90.

Nowak RM, Gordon KR, Wroblewski DA, Tomlanovich MC, Kvale PA. Spirometric evaluation of acute bronchial asthma. JACEP 1979;8:9-12.

Nowak RM, Tomlanovich MC. Venous cutdowns in the emergency department. Physicians 1979;8:245.

Oh HK, Dienst SG, Toledo-Pereyra LH. Vascular access for chronic hemodialysis—practical considerations. Dialys Transplant 1979;8:800.

Otsuka Y, Carretero OA, Albertini R, Binia A. Angiotensin and sodium balance. Their role in chronic 2-kidney Goldblatt hypertension. Hypertension 1979;1:389-96.

Parfitt AM. Testing for hypoparathyroidism. N. Eng Med J 1979;300:1163.

Pascual AV. Hypertensive crises: Diagnoses and strategies in treatment. Hosp Med 1979 (accepted for publication).

Preuss LE, Bolin FP. A note on body adiposity measurement by differential absorptiometry. Henry Ford Hosp Med J 1979 (accepted for publication).

Preuss LE, Bolin FP. Developments in the use of x-rays in body composition analysis. Adv X-ray Anal. 1979;22:419.

Preuss LE, Bolin FP. X-rays in body composition analysis. Med Imaging 1979;3:46.

Preuss LE, Michaels RS, Bolin FP, Levin NW, Artman C. Evaluation of a simplified measurement for low glomerular filtration rates with Indium-111 DTPA. Henry Ford Hosp Med J 1979;27:122-26.

Quinn EL. Pleural effusion and empyema, principles and practice of infectious diseases. In: Mandell, Douglas, Bennett, eds. New York: John Wiley and Sons, 1979.

Quinn EL. Septicemia and endocarditis. Infectious diseases—A clinical manual. Boston: Little, Brown, 1980 (in press).

Quintanilla AP, Levin ML, Lastre CB, Yokoo H, Levin NW. Effect of diuretics on ADP incorporation in kidney mitochondria. J Pharm Exp Therap 1979 (in press).

Rabito S, Amin V, Scicli AG, Carretero OA. Glandular kallikrein in rat plasma. Fed Proc 1979;39(3):686.

Radke JR, Conway WA, Eycler WR, Kvale PA. Diagnostic accuracy in peripheral lung lesions: Factors predicting success with flexible fiberoptic bronchoscopy. CHEST 1979;76:176-79.

Radke JR, Kaplan HM, Conway WA. The significance of superior vena cava syndrome developing in a patient with sarcoidosis. Radiology 1979 (in press).

1979 HFH Staff Publications

- Ramakrishnan VR, Samhoury F, Toledo-Pereyra LH, Beher WT, Konde WN, Block MA.** Letter to the editor: A method for accurate collection of bile in the dog. *Henry Ford Hosp Med J* 1979; 27:146-47.
- Rebuck JW.** New days, new ways: Editorial. *Henry Ford Hosp Med J* 1979; 27:83.
- Reveri M, Krishnamurthy C.** Gonococcal scalp abscess. *J Pediatr* 1979;94:819-20.
- Riddle JM.** Rheumatoid arthritis. *Henry Ford Hosp Med J* 1979; 27:18-23.
- Riddle JM.** A method for evaluating the platelet surface response by using electron microscopy. *Henry Ford Hosp Med J* 1979;27:268-75.
- Riddle JM, Magilligan DJ Jr, Stein PD.** Surface topography of stenotic aortic valves. *Circulation* 1979 (accepted for publication).
- Rojas FAB, Szymanowski RT, Fujita S.** Zenker's diverticulum — carcinoma of the esophagus? *J Otolaryngol* 1979;8:266-70.
- Ross PM, Lyne ED, Morawa LG.** Slipped capital femoral epiphysis—long-term results after 10-38 years. *Clin Orthop* 1979;141:176-80.
- Rossof AH, Coltman CA Jr, Jones SE, Talley RW.** Phase II evaluation of cis-dichlorodiammineplatinum (II) in lymphomas: A southwest oncology group study. *Cancer Treat Rep* 1979;63:1605-08.
- Rossof AH, Talley RW, Stephens R, et al.** Phase II evaluation of cis-dichlorodiammineplatinum (II) in advanced malignancies of the genitourinary and gynecologic organs: A southwest oncology group study. *Cancer Treat Rep* 1979; 63:1557-64.
- Roth R, Piccione P, Salis P, Kramer M, Kaffeman M.** Effects of temazepam, flurazepam and quinalbarbitone on sleep: Psychomotor and cognitive function. *Br J Clin Pharmacol* 1979;8:47s-54s.
- Sabbah HN, Lee TG, Stein PD.** Role of blood viscosity in the production of innocent ejection murmurs. *Am J Cardiol* 1979;43:753-56.
- Sabbah HN, Marzilli M, Stein PD.** Intracardiac phonocardiography in experimental left ventricular cavity obliteration: Potential clinical applicability for the distinction of obliterating left ventricle from hypertrophic obstructive cardiomyopathy. *Am Heart J* 1979 (in press).
- Sabbah HN, Stein PD.** Contribution of semilunar leaflets to turbulent blood flow. *Biorheology* 1979;16:101-08.
- Saeed SM.** Functions and interrelationships of leukocytes in inflammation as elucidated by the Rebuck skin window technique. *Henry Ford Hosp Med J* 1979;27:210-16.
- Salib M.** Handbook of gastroenterology, ed 8. Cairo, Egypt: El-Nasr Modern Bookshop, 1979.
- Salib M.** Handbook of Fevers, ed 7. Cairo, Egypt; El-Nasr Modern Bookshop, 1979.

Titles

- Samhuri F, Grodsinsky C.** Complications of colostomy closure. *Dis Colon Rectum* 1979;22:312.
- Samhuri F, Grodsinsky C, Allen H.** The efficacy of biliary diversion for benign disease: Long-term follow-up. *Henry Ford Hosp Med J* 1979 (accepted for publication).
- Sanders OJ, Popovich J, Vij D, Toledo-Pereyra LH, Conway WA, Polanski J.** Differential lung ventilation with a modified Ohio 560 ventilator. *Crit Care Med* 1979 (in press).
- Sandler MA, Petrocelli RD, Marks DS, Lopez R.** Ultrasonic features and radionuclide correlation in liver cell adenoma and focal nodular hyperplasia. *Radiology* (accepted for publication).
- Sandler MA, Silver TM, Karo JJ.** Gray-Scale ultrasonic features of ovarian teratomas. *Radiology* 1979;131:705-09.
- Sandler MA, Szniewajs SM, Bityk LL.** The effect of the distended urinary bladder on placental position and its importance in amniocentesis. *Radiology* 1979;130:195-99.
- Saravolatz L, Arking L, Wentworth B, Quinn E.** Prevalence of antibody to the Legionnaires' disease bacterium in hospital employees. *Ann Intern Med* 1979;90:601-03.
- Saravolatz L, Burch K, Fisher E, et al.** The compromised host and Legionnaires' disease. *Ann Intern Med* 1979;90:533-37.
- Saravolatz LD, Cvitkovich D, Russell J, Mezger E, Burch KH.** Diagnosis of Legionnaires' disease by fluorescent antibody techniques and primary isolation of *Legionella pneumophila*. *Am Rev Resp Dis* 1979;119:258.
- Saravolatz LD, Pohlod DJ, Quinn EL.** In vitro susceptibility of *Legionella pneumophila*, Serogroups I-IV. *J Infect Dis* 1979;140:251.
- Sato B, Huseby RA, Matsumoto K, Samuels LT.** Molecular nature of interaction of steroids with biomembranes related to androgen biosynthesis. *J. Steroid Biochem* 1979;11:1353-59.
- Sato B, Spomer W, Huseby RA, Samuels LT.** The testicular estrogen receptor system in two strains of mice differing in susceptibility to estrogen-induced Leydig cell tumors. *Endo* 1979;104(3):822-31.
- Schmidt-Sommerfeld E, Borer RC, Jr.** Biochemical characterization of clonally isolated and continuously cultured Type II cells from adult rat lung. *Am Rev Resp Dis* 1979;120:1145.
- Scicli AG, Waldmann R, Guimaraes JA, Scicli G, Carretero OA, Kato H, Han YN, Iwanaga S.** Relationship between structure and correcting activity of bovine high molecular weight kiniogen upon the clotting time of Fitzgerald-trait plasma. *J Exp Med* 1979;149:847-55.
- Seino M, Albertini R, Scicli AG, Carretero OA.** Role of kinins in the effect of converting enzyme inhibitor (SQ-29,881) on uteroplacental blood flow. *Fed Proc* 1979;38(3):685.
- Sherrick M, Brunner R, Roth T, Dember W.** Rats' sensitivity to their direction of movement and spontaneous alternation behavior. *Quart J Exp Psych* 1979;31:83-93.

1979 HFH Staff Publications

Shore JD, Evans SA, Holbrook JJ, Parker DM. NADH binding to porcine mitochondrial malate dehydrogenase. *J Biol Chem* 1979;254:9059-62.

Stein PD. Heart sounds: Significance of intensity following myocardial infarction. *Primary Cardiology* 1979;(May):66-71.

Stein PD. Invasive and non-invasive use of phonocardiography and orifice-view aortography in the diagnosis of left ventricular outflow obstruction. *Angiology* 1979 (in press).

Stein PD. What is new in the clinical evaluation of patients with ischemic heart disease? *Angiology* 1979 (in press).

Stein PD, Davis Z, Sabbah HN, Marzilli M. Reduction of coronary flow in the native circulation after bypass: Observations in a hydraulic model of the cardiovascular system. *J Thorac Cardiovasc Surg* 1979;78:772-78.

Stein PD, Marzilli M, Sabbah HN, Lee T. Systolic and diastolic pressure gradients within the left ventricular wall. *Am J Physiol Heart Circ Physiol* 1979 (in press).

Stein PD, Sabbah HN. Possible contribution of turbulent blood flow to the development of prosthetic valve thrombosis. In: Hwang NC, ed. *Advances in cardiac valve prostheses, 1979* (in press).

Stein PD, Sabbah HN, Anbe DT. Comparison of disturbances of flow in the main pulmonary artery and ascending aorta of man. *Biorheology* 1979;16:357-62.

Stein PD, Sabbah HN, Anbe DT, Khaja F, Folger FM. Intracardiac sound as a diagnostic adjunct in sub-aortic stenosis. *Angiology* 1979 (in press).

Stein PD, Sabbah HN, Anbe DT, Marzilli M. Performance of the failing and non-failing right ventricle of patients with pulmonary hypertension. *Am J Cardiol* 1979;44:150-55.

Stein PD, Sabbah HN, Anbe DT, Marzilli M. The pulmonary component of the second sound in right ventricular failure. *Henry Ford Hosp Med J* 1979 (in press).

Stein PD, Sabbah HN, Anbe DT, Walburn FJ. Blood velocity in the abdominal aorta and common iliac artery of man. *Biorheology* 1979;16:249-55.

Stein PD, Sabbah HN, Barr I. Intensity of heart sounds in the evaluation of patients following myocardial infarction. *CHEST* 1979;75:679-84.

Stein PD, Sabbah HN, Chandraratna PAN. Concept of a mitral valvular reserve capacity. *Angiology* 1979;30:262-65.

Stein PD, Sabbah HN, Marzilli M, Anbe DT. Effect of chronic pressure overload on the maximal rate of pressure fall of the right ventricle. *CHEST* 1979 (in press).

Stein PD, Willis PW, Dalen JE. Importance of clinical assessment in selecting patients for pulmonary arteriography. *Am J Cardiol* 1979;43:669-71.

Titles

Stross JK, Nixon RK, Anderson. Neuropsychiatric findings in patients exposed to polybrominated biphenyls. *Ann NY Acad Sci* 1979;320:

Succar MB, Nichols RD, Burch KH. Rhinocerebral mycomycosis *Arch Otolaryngol* 1979;105:212-14.

Sun CN, White HJ, Watson JHL. Microorganisms seen by scanning and transmission electron microscopy of Legionnaires' disease from human lung. *Experientia* 1979;35:1303-05.

Sy GS, Toledo-Pereyra LH. Treatment of acute renal allograft rejection—Review. *Dialys Transplant* 1979;8:767-71.

Szilagyi DE. Management of complications after arterial reconstruction. *Surg Clin North Am* 1979;59:659-68.

Szilagyi DE. Report of a posthumous dialog. *Arch Surg* 1979;114:359-64.

Szilagyi DE. The greater saphenous vein as an arterial autograft. In: Dardik H, ed. *Graft materials in vascular surgery*. Miami: Symposia Specialists, 1979;233-42.

Szilagyi DE, Hageman JH, Smith RF, Elliott H, Brown F, Dietz P. Autogenous vein grafting in femoropopliteal atherosclerosis: The limits of its effectiveness. *Surgery* 1979 (in press).

Talley RW, Brownlee RW, Baker LH, Oberhauser NA, Pitts K. Chlorozotocin (CZT) (NSC-178248) phase II trial. *Proc Am Assoc Cancer Res* 1979;20:440.

Talley RW, Oberhauser NA, Brownlee RW, O'Bryan RM. Chemotherapy of metastatic renal adenocarcinoma with a five-drug regimen. *Henry Ford Hosp Med J* 1979;2:110-12.

Tanenbaum MH, Whitehouse FW. Saccharin: Policy statement. *Diabetes Care* 1979;2:380.

Theisen V, Caldwell JR, Erfurt JC, Foote A. Hospital based screening, referral, and follow-up program for high blood pressure. *Am J Public Health* 1979;69:599-601.

Theisen VJ, Caldwell JR, Erfurt JC, Foote A. Hospital based screening. Referral and follow-up program for high blood pressure. *Prevent Med* 1979;8(2):240.

Toledo-Pereyra LH. Concanavalin-A in kidney transplantation. *Dialys Transplant* 1979;8:699.

Toledo-Pereyra LH. Successes and pitfalls in kidney transplantation—Introduction. *Dialys Transplant* 1979;8:764-65.

Toledo-Pereyra LH, Chee M. Concanavalin-A modification of kidney graft immunogenicity in a double transplant model. *Immunol Commun* 1979;8:369-80.

Toledo-Pereyra LH, Chee M, Condie RM, Najarian JS, Lillehei RC. 48 hours hypothermic storage of whole canine pancreas allografts: Improved preservation with a colloid hyperosmolar solution. *Cryobiology* 1979;16:221-28.

1979 HFH Staff Publications

Toledo-Pereyra LH, Chee M, Lillehei RC, Condie RM. Liver preservation by cold storage with hyperosmolar solutions for 24 hours. *Cryobiology* 1979;26(1):43-9.

Toledo-Pereyra LH, Chee M, Lillehei RC, Jara FM. 48 hours hypothermic pulsatile perfusion of canine hearts before transplantation. *Cryobiology* 1979;16:343-47.

Toledo-Pereyra LH, Chee M, Najarian JS. Assessment of kidney function during hypothermic pulsatile perfusion by PAH and inulin extraction curves. *Dialys Transplant* 1979;8:811.

Toledo-Pereyra LH, Fox BA, Gordon DA, Jennings J. Lack of blocking effect on chondroitin sulfate on lymphocyte defined antigens. *Transplantation* 1979;27:429-30.

Toledo-Pereyra LH, Jara FM. Myocardial protection with methylprednisolone—Evaluation of viability of hearts subjected to warm ischemia before transplantation. *J Thorac Cardiovasc Surg* 1979;77:619-21.

Toledo-Pereyra LH, Ramakrishnan VR. Effect of chondroitin sulfate on the prolongation of kidney allograft survival: Study of flushing, hypothermic storage, and perfusion methods. *Transplantation* 1979;27:427-29.

Toledo-Pereyra LH, Valjee KD, Chee M, Lillehei RC. Preservation of the pancreas for transplantation. *Surg Gynecol Obstet* 1979;148:57-61.

Toledo-Pereyra LH, Valjee KD, Ramakrishnan VR. Determining factors in the prolongation of kidney allograft survival by pretreatment with concanavalin A. *Transplantation* 1979;27(2):146-48.

Toledo-Pereyra LH, Zammit M, Malcom S, Cromwell P. Inconsistency of collagenase activity for isolation of islet cells for transplantation. *Transplantation* 1979;27:222.

Valdivia D, Page RH, Talley RW, Huseby RA. Lack of effect of levamisole induced immunostimulation on the incidence of spontaneous mammary tumors in C3H mice. *Proc Am Assoc Cancer Res* 1979;20:20.

Van Dyke DL, Noonan S, Fluharty AL, Kihara H, Safer IA, Weiss L. Antenatal diagnosis of arylsulfatase-B deficiency. *Pediatr Res* 1979;13:427.

Van Slyck EJ, Adamson TC. Acute hypereosinophilic syndrome: Successful treatment with vincristine, cytarabine and prednisolone. *JAMA* 1979;242:175-76.

Venkatachalam KK, Saravolatz LD, Christopher KL. Legionnaires' disease—A case of lung abscess. *JAMA* 1979;241:597-98.

Venkatasubramaniam KV, Bluhm GB, Riddle JM. Psoriatic arthropathy and crystal induced synovitis. *J Rheumatol* 1979 (in press).

Vij D, Toledo-Pereyra LH, Magilligan DJ Jr, Jara FM. Protective effect of hyalinidase after long-term aortic cross-clamping. *Ann Thorac Surg* 1979 (accepted for publication).

Walburn FJ, Blick EF, Stein PD. Comparison of power density spectra of turbulent flow through tubes obtained with hot films and laser Doppler anemometers. *Biorheology* 1979 (in press).

Titles

Walburn FJ, Blick EF, Stein PD. Effect of the branch-to-truck area ratio on the transition to turbulent flow: Implications in the cardiovascular system. *Biorheology* 1979;16:411-17.

Waldmann R, Scicli AG, Guimaraes J, Scicli G, Carretero OA, et al. The role of high molecular weight kininogen (Fitzgerald factor) in the activation of various plasma proteolytic enzyme systems. *Henry Ford Hosp Med J* 1979;27:245-49.

Watson JHL, Goodwin J, Rajan KS. *Giardia lamblia* in human duodenum and bile. *Micron* 1979;10:61-4.

Weiss L. Genetic determinants of urologic disease. In: Harrison, Gittes, Perlmutter, Stamey, Walsh, eds. *Campbell's urology*. Philadelphia: WB Saunders, 1979:1273-85.

Wettstein R, Fauman BJ. The amobarbital interview. *JACEP* 1979;8:272-74.

White JE. The role of radiation therapy in renal carcinoma. *Henry Ford Hosp Med J* 1979;27:104-05.

Whitehouse FW. Diabetes and the elderly. Monthly editorial comment. *Geriatrics* 1979;34.

Whitehouse FW. Saving a foot and salvaging a limb; an editorial. *Diabetes Care* 1979;2:453-54.

Whitehouse FW. Two minutes with diabetes. *Medical Times* 1979.

Whitehouse FW, Arky RA, Bell DI, Laurence PA, Freinkel N. UGDP Controversy: Policy statement. *Diabetes Care* 1979;2:1-3.

Whitehouse FW, Whitehouse IJ, Smith J, Hohl RD. Teaching the person with diabetes: Experience with a follow-up session. *Diabetes Care* 1979;2:35-8.

Wilkins D, Morariu M, Patel SC. Delayed contrast enhancement on computed tomography in multiple sclerosis. *Arch Neurol* 1979 (accepted for publication).

Wilson RS, Rosenbaum G, Brown G. The problem of premorbid intelligence in neuropsychological assessment. *J Clin Neuropsychol* 1979;1:49-53.

Wroblewski DA, Bower GC. The significance of facial burns in acute smoke inhalation. *Crit Care Med* 1979;7:335-38.

Wu KK, Collon DJ, Guise ER. Extraneous chondrosarcoma: A report of five cases. *J Bone Joint Surg* 1979 (in press).

Wu KK, Guise ER. Ewing's sarcoma: Clinical analysis of 46 cases treated at Henry Ford Hospital. *Orthopedics* 1979;2:237-41.

Wu KK, Guise ER. Extrasosseous osteogenic sarcoma: A clinical analysis of ten cases. *Orthopedics* 1979 (in press).

Wu KK, Guise ER, Frost HM, Mitchell CL. Chondrosarcoma: A report of 65 cases. *Orthopaedic Digest* 1979;7:48-9.

1979 HFH Staff Publications

- Wu KK, Mitchell DC, Guise ER.** Chordoma of the atlas: A case report. *J Bone Joint Surg* 1979;61-A:138-41.
- Wu KK, Winkelman HZ, Guise ER.** Metastatic bronchogenic carcinoma to the finger simulating acute osteomyelitis. *Orthopaedic* 1979;2.
- Yocum MW.** Prednisone-diphenhydramine regimen prior to use of radiographic contrast-media—Reply. *J Allergy Clin Immunol* 1979;63:295.
- Zafar MS, Mellinger RC, Fine G, Szabo M, Frohman LA.** Acromegaly associated with a bronchial carcinoid tumor: Evidence for ectopic production of growth hormone-releasing activity. *J Clin Endocrinol Metab* 1979;48:66-71.
- Zammit M, Toledo-Pereyra LH.** Increased rejection after cimetidine treatment in kidney transplants. *Transplantation* 1979;27:358-59.
- Zammit M, Toledo-Pereyra LH, Malcom S, Konde WN.** Long-term cranial mesenteric vein cannulation in the rat. *Lab Anim Sci* 1979;29:364-66.
- Zammit M, Valjee KD, Toledo-Pereyra LH.** Comparative study of different pancreas transplantation modalities: Islet cell vs organ pancreas transplantation in pancreatectomized dogs. *J Surg Res* 1979;26:308-13.
- Zorick FJ, Salis PJ, Roth T, Kramer M.** Narcolepsy and automatic behavior—Case report. *J Clin Psychiatr* 1979;40:194-97.
- Zorick F, Roth T, Kramer M, Flessa H.** Exacerbation of upper airway sleep apnea by lymphocytic lymphoma. *CHEST* 1979 (in press).