

Winter 1971

Focal Spot, Winter 1971

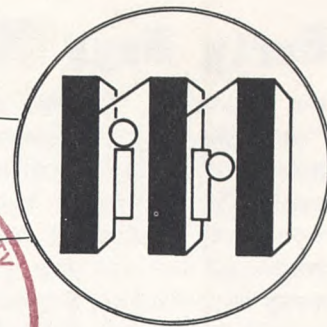
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FOCAL SPOT



A NEWSLETTER OF MALLINCKRODT INSTITUTE OF RADIOLOGY

VOLUME 1

WINTER, 1971

NUMBER 2

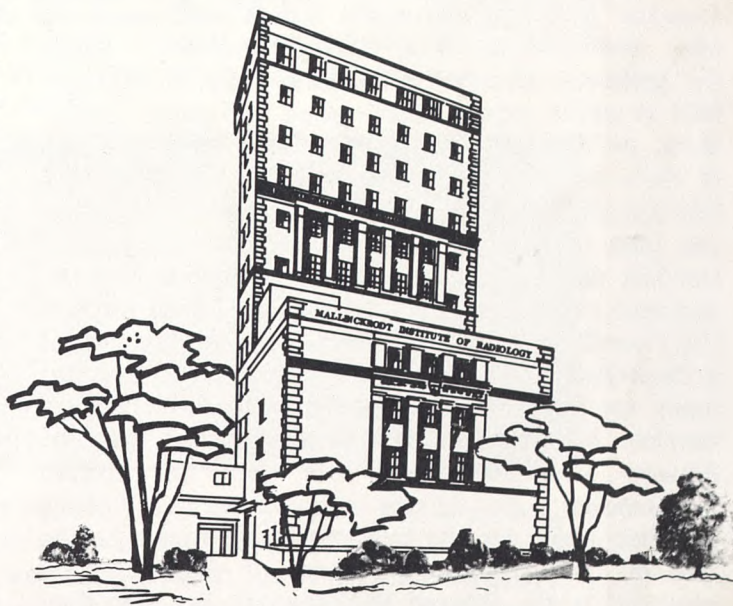
The Early Days Of The Department Of Radiology

DIRECTOR'S NOTE: I have been asked by the Editor to write a brief history of the Washington University, Department of Radiology for the FOCAL SPOT. This necessitated a very interesting investigation through the archives and news clippings of the Institute. This history will be written in a set of installments that I hope will be of interest to all readers.

The X-Ray Department came into existence about 1910, just fifteen years after the discovery of the x-ray, when the School was affiliated with the Washington University Hospital on Jefferson Avenue. It was called the actinographic laboratory and its Director was Dr. Russell D. Carman, whose achievements are well known to every radiologist and gastroenterologist. At this time Dr. Carman's title was "lecturer in roentgenography." In 1912, the Medical School reorganized several departments and Dr. Carman was made an instructor in roentgenography in the Department of Surgery. He left the University for the Mayo Clinic that year and remained in Rochester, Minnesota until his death in 1926. The successors of Dr. Carman were Dr. Walter Mills, from 1913 until his death in 1924, and Dr. Sherwood Moore, who assumed the duties of the Director of the X-Ray Laboratory in 1917.

X-Ray activities were moved from the Jefferson

Avenue building to the Kingshighway location of Barnes Hospital in approximately 1914. A laboratory then considered adequate was established in two rooms on the second floor of Barnes Hospital near the current location of 2200. A newspaper article on the relocation states: "The Radiography room, where there will be instruments for x-ray and Finsen rays, will be the most complete of any in



Early Days

the country." Another article states at that time: "an elaborate photographic gallery for taking x-ray, autochrome, and ordinary pictures...." will be available at Barnes Hospital. At that time, the x-ray was known for almost twenty years yet the press as well as the general public regarded the x-ray apparatus as a specialized camera.

In 1922, one of the first high-voltage, or deep, x-ray therapy units was installed on the second floor of Barnes Hospital (by today's standards this was a very low-voltage therapy unit). On March 14, 1922, the first x-ray treatment was given to a patient with recurrent carcinoma of the neck. This innovation was not altogether popular as the following item from the Institute of Radiology's diary indicates: "In those days, protection from stray radiation was not adequate and the machine was so powerful that the walls of the radiographic room and the adjoining corridor were permeable, and any fluorescent substance near the apparatus would glow, making the by-standers uncomfortable to say the least. In addition to complaints within the hospital, there were numerous objections from the owners of radios in the neighborhood because the machine interfered with their entertainment. In a few years, the improvement in protection, and in radios, overcame these difficulties."

The quarters in the second room of the hospital, which had seemed generous, soon became crowded and the equipment which had been the best available in 1914, became obsolete. While Dr. Mills was Director of the laboratory, he realized that it would require more space and better equipment, so when Dr. Moore joined the staff, the two of them with Dr. Evarts Graham and Dr. W. McKim Marriott (then Dean of the Medical School) conceived the idea of a new Department of Radiology. Dr. Marriott and Dr. Graham secured support from Mr. Abraham Flexner of the Rockefeller Foundation and the Foundation granted a fund for establishment of a Department of Radiology with the provision that funds for the building be found in St. Louis. Drs. Marriott and Graham then interested the late Mr. Edward Mallinckrodt and his son, Mr. Edward Mallinckrodt, Jr., in the new laboratory. They provided funds for the building to be known as the Edward Mallinckrodt Institute of Radiology, a memorial to Mr. Edward Mallinckrodt, Sr., who died

before the building was constructed.

In the next issue, the history will be continued with the building of the Mallinckrodt Institute of Radiology.

Dr. Ronald G. Evens, Director of MIR



SWINGING PEDIATRICS

The Pediatric Radiology Department on the 5th floor of Mallinckrodt is a swinging place every day. The decorations to delight the children include everything from aquariums to mod wall posters. Dr. William H. McAlister, Chief of the Department, has been assisted by Dr. Gary Shackelford, Chief Resident, from July until December, 1971 and Dr. Mary Poncel will join the staff from December through June of 1972.

The technical staff consists of the Chief technician, Phil Sotir, R.T., Johnnie Moore, R.T., Assistant Chief Technician, two other full time technicians and several students rotating through each month. There are two film libraries, a dark-room technician, a technician's aide, a receptionist to greet the outpatients and a medical secretary to transcribe all x-ray reports.

All examinations on children except for some special procedures are done on the 5th floor. The inpatients from St. Louis Children's Hospital are entertained in a bright and cheerful room which has a television set and many books and toys to occupy their time while waiting for their x-rays to be taken.

NEW RADIATION THERAPY STUDENTS

The Division of Radiation Therapy has six new Post-Graduate Radiation Therapy students as of September 5, 1971. They are: Shirley Abramson, Janice Blanton, Cheryl Copas, Sheryl Diffley, James Harter and Alexis King.

The course will include instruction and clinical experience in the basic areas of radiation therapy and in clinical procedures relevant to producing a qualified technologist who can relieve a physician of some of the technological responsibilities that limit the amount of time he can devote to other specialized medical tasks.

A graduate of this one-year course will be able to apply for certification in Radiation Therapy Technology at the American Registry of Radiological Technologists.

MALLINCKRODT IS PEOPLE



BOB WAGNER ASSUMES ADMINISTRATIVE POSITION AT MIR

Mr. Robert Wagner assumed the position of Business Systems Analyst for the Mallinckrodt Institute of Radiology on October 1, 1971. In this position he will analyze the organization and systems of the Institute and make recommendations as to their improvement. Mr. Wagner holds a Marketing Degree from Penn State University where he was a member of Alpha Tau Omega Fraternity and played varsity football and basketball.

Mr. Wagner has had eight years of experience in business including serving as a branch manager for a specialty metals firm and marketing manager and sales manager for two large steel companies. He resides in Glendale with his wife, Elaine, and three children. Active in many civic affairs, Mr. Wagner officiates both college and high school football games on weekends and is Vice-President of the St. Louis Football Officials Association and a past president of the North Glendale P.T.A.



LORI MORGAN TAKES NEW POST

Lori Morgan assumed new duties as Personnel Assistant on September 1, 1971. Her responsibilities include advising employees of the benefits related to working at the Mallinckrodt Institute of Radiology in the Medical School, seeking candidates to fulfill job openings, coordinating the bi-weekly payroll and maintaining the personnel files on all of our employees. In addition, she contacts the Director on personnel policies of the University.

Co-Coaches Drs. Alderson and Palagallo report that MIR is well represented on "The Elders" basketball team by Drs. Forrest, Stanley, Bates, and Knight in the Washington University Graduate Intramural League. Yea team !!!

MIR RECEPTIONISTS "MEET AND GREET"

Patients entering MIR are greeted by a staff of energetic receptionists whose responsibilities include coordinating the flow of patients and requisitions into and out of each area, dispensing phone calls, typing, and assisting with patient needs.



Sr. Bernadette Crahan, 5th Floor, Jane McBride, 2nd Floor, Judy Hanratty, Supervisor, Edna Quick, Clinic, Vernal Branch, 4th Floor, Sue Clover, Queeny Tower, Jane Eldridge, Floater, Nancy Johnson, 2nd Floor, Joan Frentzel, 3rd Floor, Carol Schmidt, Queeny. (Not pictured) Frances Winzen, evenings, Barb Tumulty, Michael Trachte, weekends.

NUCLEAR MEDICINE

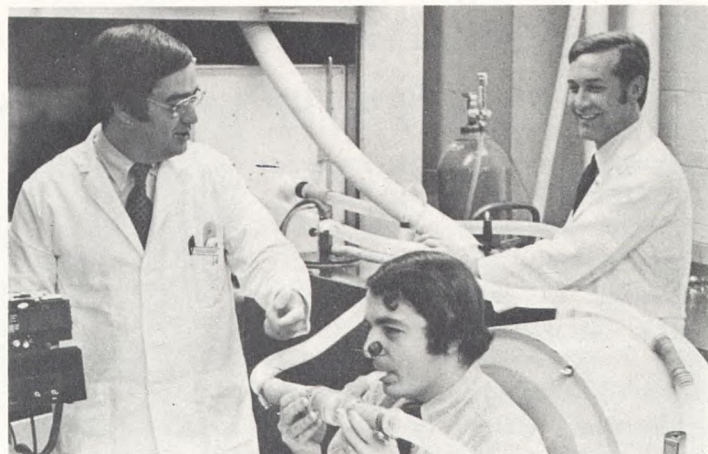
What Is It All About?

Nuclear Medicine encompasses both diagnosis and treatment through the application of radioactive isotopes. Radioactive isotopes are given in minute quantities to trace how well the various systems in the body are behaving. For instance the function of the thyroid gland can be measured by giving a small dose of radioactive iodine one morning and measuring how much reaches the gland by the following day.

Another important branch of nuclear medicine is organ scanning. Here radioactive isotopes are attached to various compounds that are selectively taken up by different organs such as the thyroid, brain, liver, lungs, bones and kidneys. The pictures are produced by having a scanner move back and forth over the organ until a complete picture is made, or else by viewing the entire organ with a gamma camera. The pictures, or scans, should be thought of as screening examinations helping to confirm or deny the presence of disease, or revealing the extent to which an organ has been damaged.

During the last three years, the Division of Nuclear Medicine, under the direction of Dr. E. James Potchen, has been exploring the use of small computers linked to a gamma camera. With the help of several members of the staff of the Biomedical Computer Laboratory both our cameras are now linked to a small digital computer - the PDP/12. The computer is used to improve the quality of scans by correcting for the lack of uniformity that results from the complex camera electronics. In liver scans, the motion of the organ (as the patient breathes) blurs the final picture. The computer has been programmed to correct for this and thus allow the detection of more subtle abnormalities.

At present the computer is used to determine how well lungs work by comparing the blood flow to regions of the lungs with the ventilation of these same regions. The function of each kidney can also be compared by following the passage of a radioactive isotope through the kidneys and into the bladder. Of particular interest is the computer's ability to take pictures from the gamma camera at certain moments during a heart-beat, so that the efficiency with which the heart is contracting can be calculated.



Philip Weiss, M.D., Fellow in Nuclear Medicine and Roger Secker-Walker, M.D. operate a Pho Gamma Camera interfaced to a PDP/12 Computer. Joe Ferrario, B.S., Clinical Research Technician acts as patient.

All these studies provide information about the function of various parts of the body, frequently complementing the results of regular x-rays or suggesting which more specialized procedure should be performed next. In this way it is possible to gain a more realistic understanding of both the nature and the effects of some diseases, and so provide a more rational basis on which to plan its results.

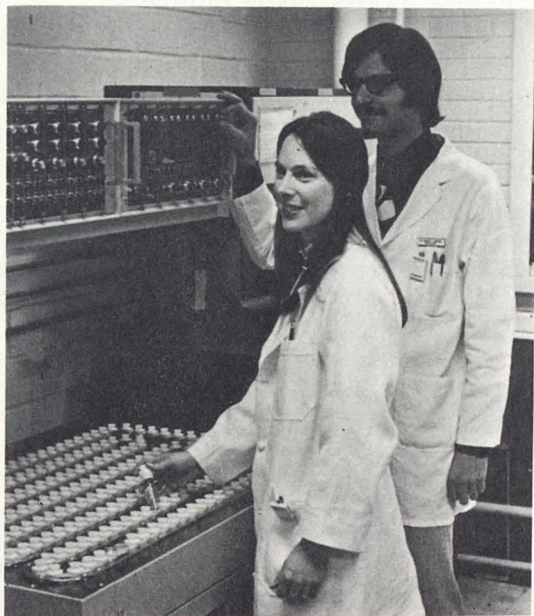


(left to right)
Carmen Serdan, Technologist, Kathy Johnson, R.T.
Sherri Barkin, R.T. and Pat Mathieu, R.T., operating a
Pho Gamma Camera

Dr. Barry Siegel reports the Division of Nuclear Medicine is actively engaged in the study of several areas of current interest to basic scientists and clinicians alike. The major research aim of the Division is the application of isotope tracer methods to more accurate diagnosis and a clearer understanding of the mechanisms of disease.

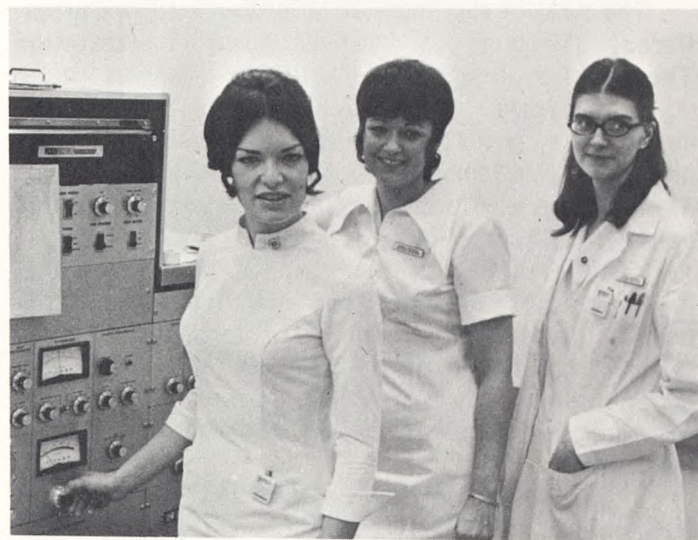
Dr. Roger Secker-Walker is evaluating several isotope methods used in studies of pulmonary ventilation which employ the inhalation of radioactive gases or aerosols and are useful in the diagnosis of such lung diseases as emphysema and pulmonary emboli.

The Nuclear Medicine Research Laboratory, under the direction of Rebecca Studer, Research Instructor in Radiology, is pursuing studies of the microvascular system in various organs in order to evaluate the permeability of organ capillaries to a variety of substances in normal and abnormal states. This may provide tools to more accurately diagnose patients with abnormalities in vessel permeability such as in brain swelling after head trauma.



Becky Studer, M.S. (Researcher in Nuclear Medicine) Barry Siegel, M.D., Fellow, Nuclear Medicine (in charge of laboratory research) operating Liquid Scintillation Counter''.

In conjunction with many other departments of the medical center, the Division of Nuclear Medicine is participating in studies of thrombosis by providing isotopic methods for early diagnosis of clotting in veins. This has great clinical importance since venous thrombosis often leads to the more serious problem of pulmonary embolism and earlier diagnosis could result in life-saving preventive therapy.



Sherilyn Meyers, R.T., Susan Kopywoda, R.T., Carol Brooks, R.T. operating Rectilinear Scanner

The MIR training program in Nuclear Medicine Technology, under the direction of Dr. E. James Potchen and supervision of Leonard Lopez, MT (ASCP) NM, is a post-graduate course of twelve months duration. After successful completion of the course, the trainee is granted a certificate in Nuclear Medicine Technology Training by Washington University School of Medicine, and is eligible to write the registry examination.

The training program follows the AMA planned outline which includes lectures, discussions, demonstrations, supervised practice, and exams in subjects such as: Mathematics, Radiation Physics, Nuclear Physics and Instrumentation, Radiation Biology, Clinical Application of Radionuclide, and Radiochemistry and Radiopharmaceuticals.

Presently there are two starting training periods, one in January and one in July, with a total of 6-8 trainees.

RADIATION THERAPY SEMINAR

by S. Eskridge

The Bi-State Regional Medical Program, directed by Dr. William Stoneman III, sponsored the second Radiation Therapy Seminar, October 21-23, in Scarpellino Auditorium at the Mallinckrodt Institute of Radiology. The seminar was directed towards practicing radiologists, radiation therapists and technologists treating patients in S. Illinois and Missouri with malignant tumors.

The goal of the seminar as stated by Dr. Carlos Perez, Director of the Cooperative Radiation Therapy Development and Support Program, is to "...disseminate information on the recent advancements in the management of cancer and technical innovations that would make Radiation Therapy more effective and more easily tolerated by the patient."

The first day of the seminar was devoted to technological considerations and Treatment Planning of the cancer patient. The following session covered carcinoma of the pharynx and larynx and gynecological tumors. Hodgkin's Disease, gimmicks and gadgets were discussed on the final day of the seminar.

"In view of the success of the previous two symposiums," said Dr. Perez, "we are seriously thinking of making this an annual event." Approximately seventy people were in attendance this year with individuals attending from New Mexico; Nashville, Tennessee and Chicago, Illinois, as well as several of the Washington University Faculty.

"Magazines, Please"

In order to make the patient waiting rooms more enjoyable and comfortable for our many patients and their families, we would appreciate donations of any recent magazines. This is a continuous problem so immediate and future contributions to the reading tables will be greatly appreciated. Magazines may be left in the Public Relations Office on the second floor.

TO: All M.I.R. ALUMNI

In order to keep our Alumni files current, please inform us of any address changes. We want to keep in touch with you!!

CANCER BIOLOGY RECEIVES REMODELED LABS

Radiation Therapy's Cancer Biology Section obtained in September four remodeled laboratories and animal-care rooms on the seventh floor of Mallinckrodt. This area, together with laboratories on the tenth floor, constitutes the space which this section presently occupies.

In these labs, biology will continue its experimental research relating to cancer with emphasis on a multidisciplinary approach involving *in vivo* (animal) projects which presently encompass chemotherapy, immunology, cell differentiation, and the kinetics of tumor growth. Also *in vitro* (cell cultures) facilities have been established to study the action of chemotherapeutic agents at the cellular level, the growth of hematopoietic stem cells (the precursors of blood cells) and problems in differentiation of both hematopoietic and immunological systems, says Dr. Fred Valeriote, Head of the Section of Cancer Biology.

The section of biology will also be presenting lectures and experimental (laboratory) training in Radiation Biology and Oncology to the technologists, medical students, residents as well as graduate and undergraduate biologists.

In addition to the experimental and teaching activities, Cancer Biology will continue "...to interact with the clinical staff in an effort to aid in the design of better treatment techniques" in dealing with cancer, concluded Dr. Valeriote.



"MRS. ROWELL RETIRES DECEMBER 31"

When 1972 opens the door to a new year, it will usher in an entirely different phase of life for Mrs. Esther Rowell, R.N., who has been our Special Procedures Nurse on 2nd X-Ray for 10 years. She will be retiring from active duty at MIR where she has played such a vital part in so many ways. In addition to her work as nurse for the SPECIALS, in which she has been the right hand for so many of our doctors, Mrs. Rowell has been available to one and all for the little needs, such as aspirin and bandaids, and needle and thread for fast mending of rips or falling hems. She has even been known to wash blood spatters from the radiologist's shirts. She has "mothered" the young people, and some not so young, and at times when it was required, she has been stern with them.

Mrs. Rowell has a wide range of nursing experience which includes: Nurse in Charge of the Delivery Room, City Hospital No. 1, industrial Nursing, Private Duty, and before coming to Mallinckrodt she was a Head Nurse on the staff of St. Luke's Hospital, from which she graduated in 1929.

Our former Acting Director, Dr. Marvin Friedenberg, in June of 1964, published the paper "Renografin and Hypaque in Peripheral Angiography" in the American Journal of Roentgenology, Radium Therapy and Nuclear Medicine. This was a clinical comparison of contrast media during which 502 examinations, 755 injections were performed in 460 patients. At the conclusion of the article, was the statement: "The invaluable assistance of



Esther Rowell is gratefully acknowledged."

In the past couple of years she has mastered the art of sewing, turning out some really lovely garments. She plays bridge with her birthday gang and once in a while wins a quarter. She can whip up a mean Apricot Sour on demand, and is an excellent cook and hostess. Retirement should be a happy time for Mrs. Rowell. Her many MIR friends hope she will visit us often as we shall miss her and together with our warm regards, we can truly wish Mrs. Rowell a Happy New Year!

(from an interview with Mrs. Edna Quick of the MIR staff, and devoted friend of Mrs. Rowell's)



NOVEMBER 15, 1971

NOVEMBER 28 - DECEMBER 3, 1971

DECEMBER 4, 1971

DECEMBER 17, 1971

JANUARY 10, 1972

JANUARY 20, 1972

FEBRUARY 17, 1972

MIR CALENDAR OF EVENTS

CITY WIDE RADIOLOGY CONFERENCE

Dr. Fred J. Hodges, III
John Hopkins University
Scarpellino Auditorium

RADIOLOGICAL SOCIETY OF NORTH AMERICA

Chicago, Illinois

4th DISTRICT M.S.R.T. CHRISTMAS PARTY

Flaming Pit, Hwy. 66

MIR CHRISTMAS PARTY

CITY WIDE RADIOLOGY CONFERENCE

4th DISTRICT M.S.R.T. MEETING

Forest Park Community College

4th DISTRICT M.S.R.T. MEETING

DePaul Hospital

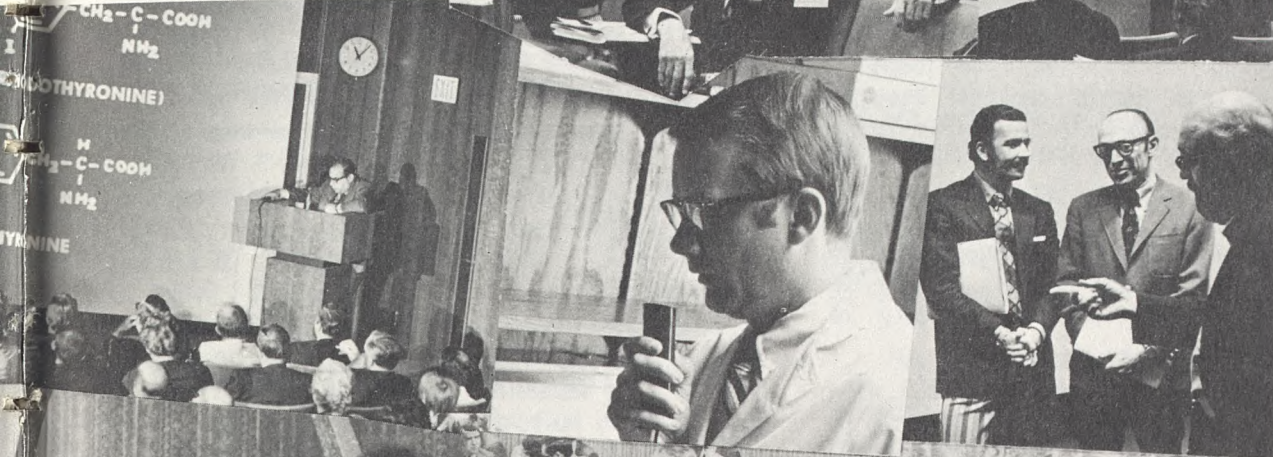




RADIATION THERAPY SEMINAR



GAMUT

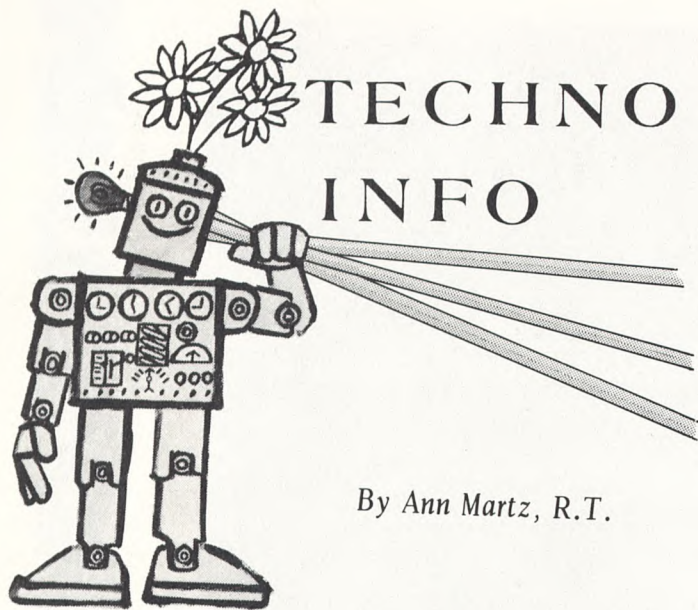


$\text{CH}_2-\text{C}-\text{COOH}$
 NH_2
(DOPHETHYRONINE)
 $\text{CH}_2-\text{C}-\text{COOH}$
 NH_2
TYRINE



TECHNOLOGY CONVENTION





By Ann Martz, R.T.

ARMAND DIAZ, R.T. Tech. Admin., presented the scientific program at the Liebel Florshiem National Sales Meeting, Cincinnati, Ohio on November 16, 1971. The program: Critical Evaluation of Neuro Special Procedures and Room Design.

STANLEY EISEN, R.T., won third prize for his exhibit "Cholangiography" at the M.S.R.T. 39th Convention.

ANN MARTZ, R.T. attended an Institute for Radiologic Technologists October 14, 15, & 16, 1971; conducted by the American Society of Radiologic Technologists.

LEO LOPEZ is chairman of the Scientific Program and Teaching Session Technologist Section of the Society of Nuclear Medicine.

GARY BRINK, R.T. has been appointed editor for the Missouri Minutes, the scientific journal for the members of M.S.R.T.

The graduate technicians who have taken the National Registry Examination are Carol Hippard, Gerrie Will, Julie Blanton, John Scheutz, and Al Coffman. Those from Forest Park Community College who received the clinical experience from MIR are Gail Baruzzini, Joan Fortwengler, Carol Johnson, and Betty Griggs.

LEO LOPEZ, chairman of the Committee on Unification SNM-SNMT, is in a merger process with these two groups.

Those technologists who attended the RSNA in Chicago, Illinois are Armand Diaz, Gary Brink, and Norman Hente.

OBED KNUDTSON, R.T., as chairman of the education committee of the 4th District, MSRT, endeavors to set up graduate courses for the R.T.'s at Forest Park Community College.

In Continuing Education, Armand Diaz, R.T., presented a lecture on Special Procedures to the Belleville Area College on October 15, at St. Augustine's Motel.

SUSAN HAYNES, student technologist at MIR, recently married Mark Janes, November 20, 1971. Mr. Janes is an airman stationed at Maffitt Field Center, San Jose, California.

LEO LOPEZ is also a representative of the SNM to work with the technical education Research Center and the AMA Council on Medical Education to revise the educational curriculum for nuclear medicine technologists.

SHERILYN MEYERS, R.T., was awarded the 1971 Mallinckrodt Award for outstanding achievement as a student of Nuclear Medicine Technology.



To all MIR staff:

You are cordially invited to
attend the MIR gala

Christmas Party

Friday, December 17, 1971

4:00 pm until 7:00 pm
eighth floor

hors d'oeuvres
refreshments

WHAT'S UP, DOC?

DR. WENDELL SCOTT, Associate Radiologist, recently received the highest national honor bestowed by the American Cancer Society at the annual meeting of the Society in New York. Dr. Scott was cited for outstanding leadership in worldwide cancer control through his accomplishments as physician, educator, and editor of the clinical cancer journal, *CANCER*.

DR. NIKOLAS SCHAD participated by invitation in a seminar in "Cardiovascular Radiological Techniques" held on November 18-20 in Ancona, Italy. As a member of the international faculty from Germany, Holland, France, Switzerland and the U.S.A., Dr. Schad's topics were "Contrast Material Injectors and Injection Techniques" and "How to Get Optimal Cineradiographic Films." Dr. Schad also presented a lecture, "How to Read Cardiac Series" to medical students of Ancona University.

DR. TOM STAPLE and DR. OSMAN KHAN presented an exhibit on Double Contrast Arthrography of the Knee at the Southern Medical Association Meeting - Miami, Florida, November 1-4, 1971. Recent publications from the Section on Bone and Joint Radiology include "Hemangioma of the Knee Joint", by Dr. John Forrest and Dr. Tom Staple, and "Diffuse Bone Sclerosis in Multiple Myeloma" by Dr. Peter Clarisse and Dr. Staple.

DR. GARY H. OMELL, of Memphis, Tennessee, upon completion of his residency in Radiology at Mallinckrodt will join the staff of MIR as Instructor in Radiology on February 1, 1972. A graduate of the University of Tennessee, Dr. Omell served his internship at the City of Memphis Hospital from 1968-1969. He lives in Overland with his wife, Jo Beth, and son, Kevin, age 2.



A text book entitled, "Principles of Diagnostic Radiology: A Companion Volume to Internal Medicine," edited by Drs. James Potchen, Davis, and Koehler with contributions from Drs. William McAlister and Tom Staple will be published in November, 1971.

DR. SPIKE KUNZ attended a postgraduate course, "Recent Advancements in Angiography", given by Harvard Medical School and Peter Bent Brigham Hospital in Boston on October 13-14, 1971.

DR. JOHN BLIZNAK traveled to Minneapolis for a continuing education course in Pediatric Radiology at the University of Minnesota School of Medicine on November 18-22, 1971.

An exhibit on Arterial Injuries Associated with Blunt Trauma to the Knee will be presented by Drs. Lawrence Haas, formerly of the Dept. of Orthopedic Surgery, and Dr. Tom Staple at the American Academy of Orthopedic Surgery in Washington, D.C. in January, 1972.

Attending the Radiological Society of North America Annual Meeting were Drs. Willie Johnson, Spike Kunz, Don Logie, Ben Mayes, Leland Melson, Mary Poncel, Gary Shackelford, Emily Smith and Mike Spence. Held at the Palmer House in Chicago on November 28 through December 3, the meeting featured over 100 refresher courses, scientific exhibits and equipment displays as well as scientific and technical papers.

MALLINCKRODT STAFF MEMBERS

SPARK 57th SCIENTIFIC ASSEMBLY

When the Radiological Society of North America convened at Chicago's Palmer House, Nov. 28-Dec. 3, MIR was well represented by residents and faculty in attendance as well as on the speaker agenda.



1300 double-contrast arthrograms. The procedure was demonstrated and pitfalls of interpretation discussed.

Dr. William E. Powers, President of the American Society of Therapeutic Radiologists, presided at the Joint Session sponsored by R.S.N.A. and A.S.T.R. Dr. Powers also participated in the symposium "Radiology and Delivery of Health Care".

Dr. E. James Potchen and Dr. Roger Secker-Walker included information on the way in which regional pulmonary blood flow and ventilation, as identified by lung scans, has become a successful diagnostic tool in their course, "Evaluation of Pulmonary Function".

Dr. William E. Powers' topic, "Treatment Planning and Other Computer Techniques" included detailed information of the use of computers in radiation therapy planning with examples indicating the accuracy, relevance and cost of computer systems. The general use of computers in radiation therapy with regard to patient data acquisition, and retrieval and therapy machine automation was demonstrated.

An exhibit entitled "Rapidly Processed Shielding Blocks for Radiotherapy" was presented by William E. Powers, M.D., Andrzej J. Demidecki, M.Sc.; Jeanne Kinzie, M.D.; Arnold Feldman, Ph.D. and John Bradfield, M.D. The exhibit included a complete demonstration of a new rapid system developed at Mallinckrodt Institute of Radiology for making individualized shielding blocks from a low melting point alloy.

These and other refresher courses for senior radiology residents were designed to facilitate a dialogue between students in radiology and leading teachers and practitioners in the field. The intricacies, problems and philosophy of certain broad fields of radiological practice were emphasized.

One of the social events of the convention was a Reception in honor of Dr. Ronald G. Evens, Director of Mallinckrodt Institute of Radiology. Sponsored by the Washington University Medical Center Alumni Association, the reception was held at the Palmer House and attended by Medical School alumni, former house officers and their spouses.



RECEPTION IN CHICAGO, HONORING DR. RONALD G. EVENS

MIR International Fellows

Our Radiology Fellows from around the world are extremely interesting to talk with as they comment about their experiences and travels while in the U.S.A.

Dr. Roger Secker-Walker, Senior Research Fellow in Radiology in the Bio-Medical Computer Laboratory, says he is enjoying exploring the country. He has visited Los Angeles, New York, Colorado and especially enjoyed seeing the craftsmanship at Missouri's Silver Dollar City.

A British citizen from Farnborough, Hampshire, England, Dr. Secker-Walker's education includes Clare College, Cambridge, B.A. Degree; University College Hospital Medical School, MB.B. Chir Degree and Royal College of Physicians, London, M.R.C.P.

Immediately prior to joining Mallinckrodt in 1970, Dr. Secker-Walker was Locum Consultant Physician, General Medicine, University College Hospital, London, England. He and his wife, Jocelyn, and their two children, Hugh (10) and Clare (8), live in Creve Coeur at 1136 Beau Jardin Court. A preschool teacher at Central School, Mrs. Secker-Walker has also instructed 3 to 5 year old children in the Children's Art Bazaar. Dr. Secker-Walker's hobbies include astronomy, oil painting, symphonic music and relaxing on Ozark float trips.

Ben R. Mayes, Jr., M.D., Fellow (N.I.N.D.S.) in Neuroradiology, is from Nashville, Tennessee. He received his B.A. degree from Vanderbilt University, Magna Cum Laude, Phi Beta Kappa, in 1962 and M.D. degree from Washington University School of Medicine in 1966. He served his Internship at Parkland Memorial Hospital, Dallas, Texas, in 1966-1967. Dr. Mayes' first year residency at MIR 1967-1968 was interrupted by two years military service as Captain, USAF Medical Corps, Castle AFB in Modesto, California. He resumed his residency in radiology at Mallinckrodt in July, 1970. Dr. Mayes, his wife, Ellen, and their son, Ricky, age 2, reside in Des Peres, Missouri, at 12419 Ridgefield Drive. Dr. Mayes enjoys golf, tennis, skiing and contract bridge.



Mohamed A.K. El Deeb, M.B., B.CH., D.M.R.E., Ph.D., Asst. Professor of Radiology (formerly Senior Fellow in Neuroradiology) was born and educated in Alexandria, Egypt graduating from Alexandria University in 1952. He served his Rotating Internship (1959-1960) and received resident training in radiology (1960-1962) at Alexandria University Hospital where he was also an instructor and Lecturer in Radiology from 1962 to 1968. Prior to joining Mallinckrodt Institute of Radiology, Dr. El Deeb was an Associate in Radiology, Peter Bent Brigham Hospital, and Visiting Instructor in Radiology at Harvard Medical School, Boston, Massachusetts. Dr. El Deeb believes that the mixing of cultural and scientific backgrounds as in the MIR Fellowship Program is a means to better understanding among nations. His wife, Ebtihag, also an M.D., and an accomplished pianist, is presently in Alexandria completing her Ph.D. in Cardiology. She and their 3½ year old daughter, Easmana ("Good Faith") will join Dr. El Deeb in St. Louis within the next few months. Dr. El Deeb lives in Clayton and enjoys tennis, soccer, swimming, fishing and playing chess.

Dr. Peter E. Peters, M.D., Fellow in Abdominal Roentgenology attended Medical School in Freiburg and Munich, Germany and took his residency at the University of Zurich, Switzerland and the University of Freiburg, Germany. His professional interests are in renal blood flow, abdominal radiology and lymphology. Dr. Peters will leave Mallinckrodt Institute of Radiology in December of 1971 to join the staff of Germany's first "Mayo-type" clinic, which is the "German Diagnostic Clinic" located about 20 miles from the Frankfurt Airport and about 3 miles from Wiesbaden. It opened in April, 1970 and Dr. Peters invites all who would like to see this hospital, especially those interested in computer applications in medicine to visit him there. Dr. Peters also says he would like to thank the MIR family for showing him such fine hospitality. Dr. Peters and his wife, Almut, also an M.D., have three children, 6 year old Katrin, 4 year old Britta, and Silke, 1 year.

Mokhtar Gado, M.B., B. CH., D.M.R.E., F.F.R., Senior Fellow in Neuroradiology was born in Monoufiah, Egypt; was educated at the Cairo University, Cairo, Egypt and completed Internships and Residencies at Cairo University Hospital, Addenbrooke's Hospital, Cambridge, England, and National Hospital for Nervous Diseases, Queen Square, London, England. He joined Mallinckrodt Institute of Radiology as a Senior Fellow in Neuroradiology in November, 1970. Dr. Gado's wife, Sonja, is from West Germany and speaks 6 languages. They have three children, a boy, Karim, 8 years old, and two daughter, Yasmin, 6, and Seraya, 2 years old, and reside in Clayton, Missouri. They enjoy exploring interesting points in and around St. Louis on weekends and at first felt St. Louis was "too quiet" after having lived in large metropolitan areas such as Cairo, Egypt, and London, England. Now they are finding more places of interest in St. Louis such as the museums, Powell Symphony Hall and the Municipal Opera. Dr. Gado also enjoys reading.



Dr. M.O. Khan, a naturalized British citizen, was born in India and attended medical school in Lahore, West Pakistan. His Rotating Internship was in Great Britain at County Hospital, Ashford, Middlesex, Tindal General Hospital, Aylesbury; and Memorial Hospital, Highwycombe Bucks. He took his residency at Northern General Hospital and Sheffield University and Birmingham University Hospitals, also in Great Britain. Dr. Kahn is a Registered (licensed) Medical Practitioner in Pakistan, Great Britain and Canada and from 1968-1970 he served as Staff Radiologist in Saudi Arabia with the Arabian American Oil Company Dhahran Health Center. Dr. Kahn joined MIR in April of 1971 as Clinical Fellow in Radiology, 4th year Resident. He lives in University City with his wife, Tayyaba, a cosmetologist and hair stylist, and his two sons, Jimmy, age 13, and Kassim, age nine. Dr. Kahn and his wife like St. Louis, enjoy weekend picnics and camping and plan to make the U.S.A. their home. Dr. Kahn's most enjoyable hobby is woodworking and building things around his home.

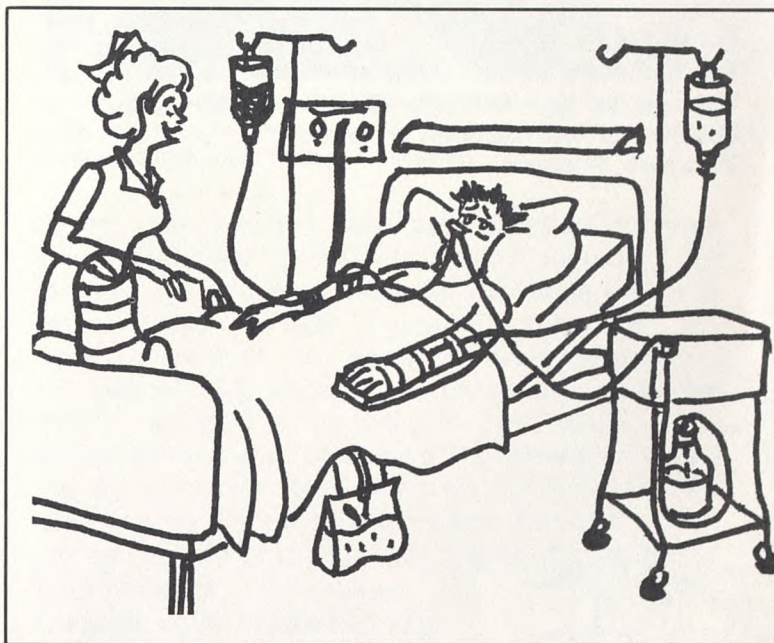


Federico B. Reiter, M.D., Fellow in Diagnostic Radiology, is from Santiago, Chile. He has the degree of Bachelor in Humanities; attended Catholic University of Chile Medical School, and received his M.D. from the University of Chile in 1964. Prior to joining Mallinckrodt, Dr. Reiter was Resident and Junior Staff Member in Radiology at the Radiology Department, Catholic University of Chile, where he also took his residency from 1964-1966. He is married to Luz Maria, R.N. and they have three children, Luz Maria, age 4, Federico, age 3, and Alejandro, age 1½ years. Their present address is 1411 Midland Blvd., University City, and when they return to Chile their address will be:

Department of Radiology
Hospital Clinico Univeindad Catolica
Marcoleta 347, Santiago, Chile
Dr. Reiter says when he has time he likes music and to have fun as a ham radio operator.

To all of these interesting gentlemen we say,

TANTO GUSTO EN CONOCERLE.



"Comfy?"

"Another First"

The badges which are being worn throughout Mallinckrodt were especially designed to signify the philosophy of the Institute - - each of us reflecting a friendly, personal attitude of consideration to everyone.



The badge has a smile and within this smile framework is incorporated the MIR emblem which stands for service, research and teaching. If each of us contributes our service in this manner, we will have taken another step toward the goal of giving excellent patient care.



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