Hartford Grant for Tissue Study Given

Body Chemical Ratio May Provide Clues

What causes tissue to yield and change form? Why does a wound have scar tissue around it which may impede movement? What changes take place that make it possible for a 115 pound woman to deliver a nine-pound baby?

The answers to these questions, and others dealing with tissue formation and change, are being sought by Dr. Paul Weeks, plastic surgeon-in-chief at Barnes Hospital. Recently Dr. Weeks received a two-year $54,384 grant to set up a laboratory and investigate this subject from The John A. Hartford Foundation. The grant was announced jointly by Raymond E. Rowland, president of the Barnes Hospital Board of Trustees, and Harry B. George, president of the Hartford Foundation.

Dr. Weeks believes that collagen, the fibrous material which exists in many parts of the body, but is most familiar in the deepest layer of the skin, is physically changed by the ratio of certain body chemicals, called mucopolysaccharides.

One particular mucopolysaccharide makes tissue more pliable, whereas another can make the tissue more rigid. This has an important application in repairing injured tendons. The tendon is primarily made up of collagen. If the tendon is severed, as it heals it fills the gap with new collagen, which can fix the tendon to surrounding tissues in a rigid position and result in a loss of mobility in the area of the injury.

Dr. Weeks has found that stress alters healing in a beneficial way. “ Somehow, using the tendon as soon as it is healed enough so that the repair does not tear, makes the area around the wound yielding instead of stiff and heavy. This permits the tendon to glide back and forth.”

In a normal healing wound, cells called fibroblasts produce both collagen and mucopolysaccharide. Dr. Weeks feels that possibly by changing the ratio between the two substances and the type of mucopolysaccharide, wounds can be induced to heal in a way which will produce less scarring and more normal tissue.

“We are attempting to learn how we can change the fibroblast’s environment in a way to induce chemical and physical changes in collagen,” he said. “We are doing this in the Hartford laboratory by using mouse fibroblasts (obtained from laboratories which specialize in providing this type of tissue to investigators) and placing them in special tissue culture chambers. We label the various types of mucopolysaccharides with radio isotopes so we can trace their activities.”

Viewed under a microscope, tissue which has a larger amount of a particular mucopolysaccharide shows collagen which is disorganized, rather than line up in an orderly, parallel, fashion. This results in plant tissue. This same type reaction happens naturally when a woman goes into labor before the birth of her child, Dr. Weeks pointed out. “The tissue at the mouth of the cervix becomes almost mushy, allowing an opening the size of a pencil to open wide enough to accommodate a full-term infant.”

“If this same reaction could be stimulated around a healing wound, the tissue could be molded in such a way as to prevent rigid adhesions and make a more perfect repair,” he said. “Then the tendon could glide freely in its sheath of collagen and permit the patient to recover full mobility.”
Dr. Samuel Guze Selected to Medical Post

Dr. Samuel B. Guze, associate psychiatrist on the Barnes staff, recently was named vice chancellor for medical affairs at Washington University.

Dr. Guze, 47, will succeed Dr. William H. Danforth, who will become chancellor of the university when Chancellor Thomas H. Eliot retires June 30.

Dr. Guze has served as director of the psychiatric clinic at Barnes, as assistant to the dean of the Washington University School of Medicine, consulting psychiatrist at the Malcolm Bliss Mental Center and several other medical posts.

A 1945 graduate of the Washington University School of Medicine, he received fellowships in medicine and psychiatry from the University and was appointed to the faculty in 1951. He and co-researchers have contributed more than 90 articles to journals on studies of various mental disorders. Dr. Guze has been a principal investigator of a research project on alcoholism that started in 1967.

11% Reduction Reported in Patient, Visitor Injuries

A nursing service safety committee, formed early in 1970, could be one of the main reasons for an 11% overall reduction in the number of injuries sustained during the past year by patients and visitors at Barnes, according to Edward Thurman, Barnes safety and security chief. He also noted there has been a 43% drop in the number of injuries involving falls by patients.

The injury statistics include those sustained by patients and visitors while on the hospital's premises, such as fainting spells, minor burns from spilling hot coffee and other liquids, bumping into doors and falls from wheelchairs and beds. He said that patients occasionally fall from their beds even though the safety rails are fixed in proper position. "Unfortunately many of these statistics involve patients who ignore the bed safety rails by climbing over the top of the rails."

The nursing safety committee, which meets monthly, has actively promoted a safety campaign in the hospital by the use of posters and informational tips on precautionary safety measures in The Briefing, nursing service's monthly newsletter. The safety committee held a safety slogan contest for nursing service personnel at the start of 1971, and 12 slogans were selected as monthly winners to help dramatize good safety practices.

Mr. Thurman said other factors partially responsible for the reduction in the number of injury incidents include weekly safety inspections by a safety committee, and periodic distribution of safety instructional booklets to the laundry, housekeeping and dietary sections.

Notaries Public at Barnes Perform Varied Duties on Request

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Notaries are required by law to keep a record of their official acts because someday they may be called to testify in court on the legal matters. Notaries are appointed to their position by the governor and their terms are for four years. A person must be at least 21 years old to be eligible for the appointment.

A patient in Queeny Tower, Mrs. Elinor Mazzoni, 9029 Green Ridge Drive, recently wanted to vote in the election which established a special tax to help finance the Art Museum and the Museum of Science and Natural History, but she needed a notary public to witness her voting an absentee ballot that was voted in her presence by Mrs. Elinor Mazzoni, who was recently a patient at Barnes.
Laparoscopy Sterilization Technique Performed by Barnes Doctors

Within the past six months, women in St. Louis have been given a choice other than the 'pill,' or other contraceptive devices. A woman can be sterilized by a simple procedure at Barnes Hospital, with a two-night-one-day hospital stay. She leaves with a band-aid on her abdomen, and is back at her job—whether it's homemaking or a career—the next day.

The new procedure doesn't even have a name, but Dr. H. Marvin Camel, Barnes obstetrician, and his associate, chief Ob-gyn resident Raymond C. Doucette, call it a “tubal resection using a laparoscope.”

A tubal ligation can be performed to sterilize a woman, but the procedure is a fairly serious one, involving a lot of cutting, an obvious scar, a longer hospital stay and a convalescent period before the woman can return to her normal life.

The laparoscope is an instrument which is a light source and a viewer in one narrow telescope-like device. “The main problem with such equipment formerly was that it is necessary to get a light source into the abdominal cavity, without creating heat,” Dr. Camel said. “The laparoscope uses a fiberoptic ‘cold light’ source. The abdomen is inflated with nitrous oxide to increase visibility. The laparoscope is inserted into or just below the navel and a specially designed combination forceps and cutting, cautering instrument is used in a similar small incision, about the size of a pencil, in the lower abdomen,” he said.

Looking through the laparoscope, the obstetrician takes a fallopian tube, electrocauterizes a section of it, and cuts out about half an inch. This closes off the passageway between the sperm and egg cells. “It’s 100 per cent successful so far in our experience here at Barnes,” Dr. Camel said. “It should be, because we actually separate the tube, so there’s no chance for impregnation. And, it’s simpler because we cauterize, rather than suture, the tube.”

“Total cost for the operation, including hospitalization, is approximately $500,” said Dr. Camel. “Most insurance companies pay the patient’s hospitalization, so out-of-pocket costs could be less.”

The risks are very slight, according to the doctors. “Because the procedure is performed under general anesthesia, the normal risks of anesthesia are present,” said Dr. Camel. “The only other possible complication is that we might have bleeding and have to go ahead and do a conventional tubal ligation. However, less than 5% of the women have this happen. And that’s not really a serious complication. It means a longer hospital stay and a convalescence, but there are no lasting ill effects.”

Women who are sterilized by the laparoscope technique report that there is no pain. “The only complaints are occasional side effects of the anesthesia,” said Dr. Doucette. He said that almost all women are able to return to normal activities the day after the procedure. “A school teacher, for instance, is back in the classroom at 8:30 the morning after her operation,” he said.

A laparoscopy became much more common in the United States after Dr. Patrick Steptoe of Great Britain published material on 780 women he sterilized by this technique, then followed their progress for over six years.

Dr. Camel, who is chairman of the medical advisory board of Planned Parenthood of St. Louis, is optimistic over the new procedure. “We finally have an alternative to 25 years or so of pill-taking for the woman who has completed her family.”

Hospital’s Funeral-Leave Policy Revised to Include Grandparents of Employees

Barnes Hospital’s funeral leave policy was revised recently so that an employee will receive three scheduled work days off with pay in the event of death to his grandmother or grandfather, according to Walter J. Hanses, director of personnel.

Funeral leave with pay is granted also to all full-time employees in the event of death of their mother, father, spouse, guardian, child, step-parent or step-child, mother-in-law, and father-in-law.

Just for a moment, stop to consider the patient as he enters Barnes. Stripped of his clothes, his familiar surroundings, he may even feel stripped of his identity. He or she is in the hospital because of illness. His relatives or friends, if there are any, may be only of slight comfort.

To whom does the patient turn? To those responsible for his care, of course. To nursing personnel. To the dietary people who bring him food. To the volunteers who bring him cheer. To the dispatch messenger who pushes his wheelchair to appointments.

To the patient, all employes with whom he has contact are Very Important People. They are helping make him well.

In a recent survey of Barnes' patients, they listed some things they hoped to receive. The first ten sounded like a patients' "Bill of Rights."

They were:
1) To have someone like a nurse or an aide come willingly when called.
2) To get medications and treatments on schedule.
3) To be handled with kindness.
4) To be admitted promptly.
5) To receive a pleasant "good morning" and to have pleasant, normal attention. (courtesy)
6) To have nurses to appear to be concerned with the patient's welfare. (compassion)
7) To have back rubs.
8) To get explicit instructions on what is going to happen to them.
9) To have food trays appear attractive and appetizing.
10) To have a clean room.

To sum up this list, there could be three C's of patient care: Courtesy, Compassion and Commitment.

Do we offer these to our patients? Some of them think so. Recent comments on our "Questions for Our Patients" form say, "The nurses are so sweet, not cranky. I'll never forget the good they all did for me." "The food was absolutely the 'best ever'. It was attractively served, the hot food hot, the cold food cold. Compliments to the personnel who supervise and prepare this huge food service." "Everyone was kind and helpful. I'm so thankful for Barnes Hospital and the complete staff, be it doctors, nurses, or others who aided me." "My wife was treated with such kindness." "My thanks to Barnes for giving me another chance to live."

Every person who works at Barnes wants to hear these kind of comments from patients. The persons who work with patients directly have the opportunity, daily, to make this possible.

It's not always easy. The patient in the bed may be irascible, impatient, not reasonable. They are dependent, uneasy, sometimes undergoing uncomfortable types of therapy.

When you help, they are grateful. When an employe is able to do something extra to alleviate a patient's fears and suffering he or she is enriched, personally, with a warm feeling no money can buy.
(A) Ben Holland, administrative resident at Barnes, left, who recently compiled a patient opinion survey, interviews Mel Peterson, 6042 Goodfellow, for his responses about the hospital’s services (B) Mrs. Suzanne Sieveking, Barnes dietitian, checks with Ross Carr, a recent patient at Barnes, to see if his food is hot and appetizing (C) Miss Deborah Linck, Barnes dispatch messenger, left, delivers medication to a nursing division in Wahl Hospital. The patient is Mrs. Alvera Toohey, 9427 Daisy Lane (D) Miss Karen Dennison, assistant head nurse on 5200, answers a patient’s request for assistance. Patient is Mrs. Pauline Treece, Johnson City, Ill. (E) Admitting patients promptly to the hospital is a responsibility of the admitting interviewers, including Mrs. Rebecca James, admitting clerk, (standing) who greets incoming patient, Mrs. Marvin Lees, and her husband as they enter the hospital’s admitting section (F) All patient rooms at Barnes are cleaned or inspected daily. Mrs. Hazel Hampton, hospital custodian, is shown vacuuming the room of a patient, Mrs. Isa Blackwell of Glasford, Ill., on Floor 7100
Contributions to Barnes Tribute Fund January 9—April 30

Regular contributors to the Barnes Hospital Tribute Fund are already familiar with the use of their financial contributions. Donations are used for improvements in patient care, teaching and research throughout the medical center. However, there are many prospective donors who are not acquainted with the fund and its significance.

Mrs. Burt Wenneker, tribute chairman, said that donations to the fund serve many purposes—as memorials honoring people, events and deeds. Any amount of money, large or small, may be donated and is tax deductible. “People contribute to the fund for memorials to honor individuals, both deceased and living, birthdays, anniversaries, and many other special occasions,” Mrs. Wenneker said.

She also noted that former contributors should be reminded and reacquainted with some of the many opportunities available to donate to the Tribute Fund. “The list of reasons for contributing is endless—it’s the prerogative of each individual who is contemplating a donation. Frequently, people will contribute to the fund during times of bereavement, in lieu of flowers or other memorials because a donation to the Barnes Tribute Fund is a ‘lasting, living’ memorial as the contributions perpetuate continuing medical progress at Barnes.

“Barnes cannot continue to grow and keep pace with modern medical practices without expansion, remodeling and renovation. Contributions from the tribute fund are used for these improvements as well as for medical research,” she said.

Funeral Services Held
For Pharmacy Supervisor

John F. Zahradka, 47, a pharmacy supervisor at Barnes, died May 12 at Barnes Hospital after a long illness. He had been in the hospital for several weeks prior to the time of his death. Mr. Zahradka had been employed at the hospital for 21 years.

Funeral services were held at Pana, Ill., where Mr. Zahradka was born in 1924. Completely deaf, Mr. Zahradka read lips as he performed his supervisory duties at the hospital. He was graduated with a bachelor of science degree from the St. Louis College of Pharmacy. Survivors include his wife, Doris, and two sons, his mother, father, two brothers, and one sister.

The Zahradka family has requested that memorial contributions be sent to the Barnes Hospital Fund to help fulfill a pledge that Mr. Zahradka earlier had made to the fund. Contributions should be sent to The Barnes Hospital Fund, Barnes Hospital Plaza, St. Louis, Missouri 63110.

Following is a list of honorees (names in bold-face) and contributors to the Barnes Hospital Tribute Fund from January 9, 1971, through April 30, 1971.

IN MEMORY OF: Dr. Maurice J. Press, Mr. and Mrs. Richard Prager Raymond Maxwell, Mr. and Mrs. Lee Hornebin Bernice W. Lieberman, Mr. and Mrs. John Friedman Mrs. Annabess Adams, Dr. Joseph C. Edwards Mr. Pete Petrides, Mr. and Mrs. James P. Scott, Sr., Mr. and Mrs. John Auby, Mr. and Mrs. Gary Pace Harriett Giegler, Mrs. Paul D. Hartog Charles Goldman, Mrs. Charles Goldman, Mr. and Mrs. Morton D. Baron Herbert Armstead, Dr. and Mrs. Edmund Alvis Mrs. T. Frank James, Sr., Dr. and Mrs. Robert Bartlett Miss Alice Power, Bob and Loyce Rutherford Dr. Glover Copher, Dr. Frank Kidd, Jr., Mrs. Delta M. Christian, Mr. and Mrs. Wells A. Holber Dorothy Phillips, Board Members, Norday Funds, SP H.A. L. Kahle, Jr., Donald R. Niederlander Kriss Hudson, Universal Metal Products Mrs. Arthur B. Shephey, Jr., Mr. and Mrs. E. F. Currier, Jr., Mr. and Mrs. S. C. Davis, Mrs. John H. Overall, Norfleet H. Rand, Mr. and Mrs. Robert W. Otto, Wallace R. Persons Steve Kennedy, Universal Metal Products Mr. Louis Schreiner, National Vendors Mrs. Judy Sanford, Mr. and Mrs. Harry R. Scott, Mrs. Marjorie Ann Jones, Marie F. Jones Mrs. Flora Silverberg, Mrs. Jack Westbrook, Mr. Sam Brightman, Mrs. Jack Westbrook John O. Durbin, Jr., Leslie Vander Meulen Dr. John J. Wood, Dr. and Mrs. Robert W. Bartlett Mrs. Lora Roberts, Mrs. Carl Bressam, Mr. Arthur Ittel, Mrs. Hafnner and Fallon Mrs. Ernest D. Grinnell, Jr., Mr. and Mrs. John L. Davidson, Jr. Mrs. Hallie B. Jenkins, Mrs. Laura Marsalek, Mrs. Mary M. Hardin Raymond Rohr, National Vendors, Plant No. 2 Otto J. Stumpf, Jr., Robert R. Hermann, Standard Container Co. Dr. Lynn E. Silberman, Dr. John S. Bradford, Dr. Michael E. Holzer, Dr. Ben R. Mayes, Dr. Tom Lipscomb, Dr. John D. Armstrong, Jr., Daniel J. Leary, Jr., Dr. Enrique Cubillo, Charles L. Robertson, Dr. George F. Roggensack, Dr. Marvin E. Skelton Russell Rector, Mr. and Mrs. Howard Hoffman, Mr. and Mrs. William Hoffman, Mr. and Mrs. Robert Arnsmeyer, Mr. and Mrs. Kenneth Meyer, Mr. and Mrs. Willard Kothhoff, Mr. and Mrs. Chester Paul Jr., Kenneth Oelschlaeger Mrs. Sophie Kohm, Mr. and Mrs. Ronald Meyer Mrs. Harland Bartholomew, Ruth Culver, Mr. and Mrs. William G. Moore, Jr. Dr. James Barrett Brown, Mr. and Mrs. Spencer Olin, Dr. and Mrs. Justin Cordonnier, Dr. and Mrs. Henry G. Schwartz, Harriet Milliken Moore Mr. Walter Kobusch, Mr. and Mrs. William G. Moore, Jr.

Edith Wallbrunn, Mr. and Mrs. John M. Friedman Mrs. Melvin McCarthy, Dr. and Mrs. Harold Joseph Mr. James Knowles, Jr., Dr. and Mrs. Henry G. Schwarz Dr Helen T. Graham, Trustees of Barnes Hospital, Helene and Stix Friedman, Thomas McNeal, National Vendors, Plant No. 3 Richard Wilson, Rosen Brokerage Retail Salesmen Mrs. Clinton Whitemore, Mr. W. B. Persons Sam J. Pingree, Mrs. W. Gillespie Moore Karen Leafe, Mrs. Ruth A. Carr, Mr. Dan Carr, and John, Robyn and Ruthie Orr.

IN APPRECIATION: Mr. Norman Hampton, Mrs. Dean Hayden, Dr. C. O. Vermillion, Dr. Frank Bradley, Administration and Employees, Miss Dorothy Dixon Barnes Volunteers, Mr. Byril Rosevear.

IN HONOR OF: Doctors’ Day, Anonymous, Irving Edison, Mrs. Jack Westbrook, Dr. John Hobbs’ recovery, Dr. and Mrs. Harold Joseph Lois Melio’s recovery, Mrs. Harry C. Caray

FOR HEART RESEARCH, LaBelle United Community Fund.

Farewell Party Given for Miss Ann Campbell

Former Barnes nursing director, Miss Ann Campbell, left, reminisces with friends, during a farewell party given in her honor in Classroom 1200 at Barnes. The party was given for Miss Campbell, who recently served as a consultant for special nursing services, on her retirement because of health reasons, after 24 years at Barnes. Miss Campbell is shown talking with Mrs. Gladys Gunnesh, former assistant director of nursing service, and Dr. Frank Bradley, a former Barnes director.
Barnes Departments Know How to Meet Payroll Deadlines on Time

Getting a payroll together twice a month for 3,875 Barnes employees is a responsibility in which there is little room for error or delay.

"We've never missed a final deadline," said Everett Mendez, manager of Barnes' data processing section who has been employed here for 20 years.

Compiling and processing checks so employees will get them at their regularly-scheduled time is a formidable task that is handled by the data processing and payroll departments.

‘New Look’ At Nearly New

Watch for the New Look at the Nearly New Shop... Don't throw away the drop-outs from your closets. Bring them to Barnes’ Nearly New Shop... And, watch for the Nearly New's New Look.

Dr. Homer L. Brammel, a former intern at Barnes from 1961-62, has been appointed an assistant professor of cardiology at the University of Colorado School of Medicine.

Dr. Brammel was chief of cardipulmonary research from 1967-70 at the U.S. Air Force School of Aerospace Medicine, Brooks Air Force Base, San Antonio, Tex.

Dr. Hermann N. Eisen, microbiologist, recently gave the fourteenth annual Philip Ingram Nash Memorial Lecture, sponsored by the Coney Island (N.Y.) Hospital Medical Board, at that N.Y. Hospital. His topic was "Current Views on the Specificity of the Immune Response." The lecture series was established in honor of Dr. Nash whose service to the Coney Island community spanned 50 years.

Dr. H. Relton McCarroll, associate surgeon, presented the 1971 Gordon W. Bateman Orthopedic Lecture Series May 13-14 in the Methodist Hospital Graduate Medical Center at Indianapolis. One of his lectures was titled "The Recognition and Treatment of Congenital Dysplasia of the Hip and Congenital Dislocation of the Hip in Infancy and Early Childhood."

Dr. Lauren V. Ackerman, surgical pathologist-in-chief, is this year's recipient of the Lila Motely Cancer Research Foundation award which was presented recently in New York City. The award was presented to Dr. Ackerman by Princess Shahrezad, daughter of the eldest sister of the Shah of Iran.

Dr. Ackerman will visit Iran in October as a consultant on the university and hospital clinics on cancer research.

Work on any batch of payroll checks begins on Tuesdays preceding the opening of a pay period in the hospital's payroll office. First step is processing submitted changes in personnel withholdings, vacation authorization and any other information that has bearing on individual checks.

In processing the checks, the payroll department withholds federal, state and municipal taxes, prepares W2 forms; keeps track of some 15 different types of payroll deductions, such as U.S. Savings Bonds, United Fund, uniforms, building fund contributions and benefits pertaining to insurance, sick leave, jury duty and retirement.

This information is forwarded to data processing for use in updating an employee master file that is stored on one magnetic disk storage unit for fast retrieval by the computer.

From this updated disk, employee timesheets and master employee lists are prepared on Thursdays prior to the opening of a pay period. The timesheets are distributed to the various hospital departments and returned to payroll on the Monday following the close of a pay period.

Brooks Gattermeier, payroll supervisor, said that Monday noon is the regular close-off time for data submission to the current payroll application. "It makes our job a lot easier if the timesheets are submitted on time," he said.

By Wednesday morning the computer can prepare the bi-weekly payroll, including printing the checks.

It takes about eight hours to process the payroll checks and a few management reports. As sheets of blank checks pass through them, the printers print the checks. They are capable of operating at speeds of 1,100 lines per minute. The actual check signing is performed automatically by a machine.

The majority of paychecks are distributed on Friday, but there are special occasions when employees, with the permission of their supervisor, receive their paycheck on Thursday.

Mr. Gattermeier said, "Just when we've got one payroll 'to bed,' and we think of relaxing a bit, it's the start of another cycle."

Upon receiving the signed payroll checks from data processing, two clerks in the payroll department, Miss June Norden, left, and Mrs. Sandy Reader, pull individual paychecks for employees who have been given permission to receive their paychecks on Thursday afternoon.

3 Barnes Nurses Receiving Training Under Medical Grant

Three Barnes nurses, Miss Donna Schwarz, Mrs. Ann Nettles and Mrs. Alice Ziener, are receiving training as coronary care nurses at St. Louis University Medical Center as part of program inaugurated recently under a grant by the U.S. Department of Health, Education and Welfare to the Bi-State Regional Medical Program. The program is designed to train a minimum of 70 nurses annually in the specialized techniques of coronary care.

Barnes Hospital is one of several medical institutions that is cooperating with the university in conducting the program. The program will consist of eight five-week courses each year. Bi-State officials are seeking project funds for three-years in order to train a minimum of 210 nurses.

Drunken Driving Law Termed ‘Too Lenient’ By Barnes Physician

Missouri's present legal definition of intoxication is far too lenient, said Dr. Allen Klippel, assistant surgeon at Barnes, in remarks delivered recently at the Governor's Conference for Highway Safety at Jefferson City.

Dr. Klippel praised legislation pending before the General Assembly to reduce the blood alcohol level that allows conviction for drunken driving from the current .15% blood alcohol standard to a .10% blood alcohol level.

Dr. Klippel said that a strong law is needed because those persons who are drunk enough to be arrested for drunken driving are "stone drunk." He cited clinical tests showing that at the .06% level most people manifest decreased competence of performance, and at the .06% level most people stagger and fumble with their keys and are not alert enough to drive.

Barnes Hospital's entire payroll data is stored on this computer disk storage unit held by Robert Clark, production supervisor in data processing.
Dr. Fryer to Get Honorary Degree From Brown U.

Dr. Minot P. Fryer, associate surgeon at Barnes, received an honorary doctor of science degree on June 7 from Brown University at Providence, R. I. An alumnus of the school, he received his bachelor of arts degree at Brown in 1936.

He was graduated in 1940 from Johns Hopkins Medical School and he received his residency training at Johns Hopkins and Barnes hospitals in the early 1940s. After serving in the military, he received an appointment in 1946 as a fellow in plastic surgery at Barnes. In 1967, he was named associate surgeon in the division of plastic surgery at Barnes.

A member of several medical associations, Dr. Fryer served in 1967 as president of the American Association of Plastic Surgeons and vice-chairman of the American Board of Plastic Surgery.

Funeral Services Held For Dr. Theodore Walsh

Dr. Theodore E. Walsh, 70, associate otolaryngologist emeritus at Barnes, died April 29, after a long illness. He served as chairman of the department of otolaryngology from 1940 until his retirement as chairman in 1966. He was graduated in 1925 from St. Thomas' Hospital Medical School in England. Survivors include his wife, Mrs. Mollie Walsh, and a son.

Hospital Happenings

Mrs. Lucy Roberts, a patient information clerk at Maternity Hospital, retired recently after 17 years of service as a Barnes employee.

Miss Diane Anderson has been hired as a security "watchwoman" at Barnes. She is the second "watchwoman" ever to be hired by the hospital.

Mrs. Doris Canada, director of dietetics, and Mrs. Kathleen McClusky, associate director of dietetics in charge of education, recently attended a two-day meeting of the midwest regional dietetic internship council of the American Dietetic Association at the University of Iowa. Mrs. Canada was chairman of the session.

John Carroll, 20, has been selected Messenger of the Month by supervisors in the Barnes dispatch section for his work production. His hobby is car mechanics.

Miss Janet Boeker, an R. N., and nursing care advisor in neurosurgery, and Miss Patricia Pickett, a nursing consultant in rehabilitation, were guest speakers recently at a workshop on the "Nurse's Role in Rehabilitation" which emphasized the treatment of cord-injured patients that was held for a nursing organization at the University of Evansville.

The Rev. Robert Krawinkel, Catholic chaplain at Barnes, appeared on a television show, "Retreat for Shut-Ins," May 16 on a St. Louis station.

240 Candystripers Attend Orientation

Miss Erica Caldwell, 5086 Emerson, a prospective Barnes Hospital Candystripe volunteer worker, reviews patient care practices as she pours water for Ralph Chance, West Frankfort, Ill., who was a patient in the hospital on May 8. The day 240 young people, ages 14-18, were in the hospital to attend a Candystripe orientation session and receive their hospital assignments for this summer. Miss Caldwell, along with Chip Grant, 7130 Westmoreland, (standing in the center), and Chris Tonn, 8641 Big Bend, right, are receiving instruction to become nurse volunteers from Mrs. Marian Rosenberg, the hospital's nurse volunteer chairman.

Hospital Employe Successfully Passes Exam To Become an Operating-Room Technician

Mrs. Terry Spencer, an employe in the operating room at Barnes, recently was notified that she had successfully passed all three sections of a national qualifying examination, given by AORT (Association of Operating Room Technicians), to become a certified operating-room technician. She is the first Barnes employe to have successfully completed the certification examination which was established about one year ago.

According to officers of AORT, Mrs. Spencer's certification as an operating room technician means she has achieved a high standard of achievement which reflects her practical experience, educational training and background. The examination's three sections covered surgical procedures and techniques and anatomy.

Mrs. Spencer is one of several Barnes employees in the operating room who have taken college courses at night at Forest Park Community College in preparation for the certification examination.

BARNES HOSPITAL Plaza
St. Louis, Mo. 63110

BARNES BULLETIN is published monthly for and about personnel and friends at Barnes Hospital and units operated by Barnes, which include Barnes Hospital and the following operated for Washington University School of Medicine: Manarity, Mckilian, Renard and Wohl Hospitals and Wohl Clinics. Edited by Public Relations Office, Barnes Hospital, Barnes Hospital Plaza, St. Louis, Mo. 63110. Telephone FO. 7-4460. Ext. 3515.