New treatment available for kidney stone patients

Midwest Stone Institute (MSI), a joint venture of several area hospitals and physicians, began providing extracorporeal shock wave lithotripsy treatment last month. An October 23 press conference introduced local media to the innovative concept in kidney stone treatment which shatters the painful stones by pummeling them with shock waves. The technique, in combination with percutaneous lithotripsy, is expected to negate the need for conventional surgery in more than 95 percent of patients with kidney stones, according to Dr. Ralph Clayman, medical director of MSI and Barnes urologist specializing in kidney stone treatment.

The $2 million lithotripter, the first in the state of Missouri, will be operated under the auspices of a not-for-profit corporation with as many as 15 hospitals participating in the venture. The board of directors of MSI includes Sister Catherine Durr, CEO, St. Joseph Hospital in Kirkwood; Max Poll, executive vice-president, Barnes Hospital; Robert Springmeier, vice-president, Christian Hospital Northeast-Northwest; Charles Thoele, president, St. John's Mercy Medical Center; and urologists Dr. William Catalona, Dr. John Gregory, Dr. Donald Mehan and Dr. Richard Parsons. Dr. Clayman is an ex-officio member of the board.

In addition to Dr. Clayman, Dr. Robert Bahnson and Dr. Gerald Andriole have been named as physician-operators of the lithotripter, which has been installed in space at Barnes Hospital leased by MSI. Two remaining operators will be chosen within the next few weeks.

Developed in West Germany by the Munich Institute of the Robert E. Frank Scholarship in Hospital Administration since 1963 and has been mentor to a steady stream of young people specializing in kidney stone treatment.

Extracorporeal shock wave lithotripsy treatment began making waves in St. Louis last month with the installation of the first such machine in the state in space leased at Barnes by Midwest Stone Institute. (See page 1 and centerpread.)

Front Cover: Extracorporeal shock wave lithotripsy treatment began making waves in St. Louis last month with the installation of the first such machine in the state in space leased at Barnes by Midwest Stone Institute. (See page 1 and centerpread.)

Patricia Bates accepts check from Robert Frank as first recipient of the scholarship established by the Barnes Auxiliary in Mr. Frank's name. Also pictured are Darlene Roland (left) and Mary Ann Frittschle, Auxiliary, and James Hepner, director of the WUMS health administration program.

Barnes CEO honored with top MHA award

The Missouri Hospital Association bestowed its Distinguished Service Award for 1985 to Robert Frank, Barnes president, October 31 at the organization's annual convention. The award is given each year to an individual whose career has enhanced the quality of health care in Missouri and has influenced the future of hospitals in the state. Mr. Frank was nominated for the award by his professional colleagues.

The nominations cited Mr. Frank's contributions to Missouri health care as well as his commitment to seeking a balance between the need for expensive technology that benefits a few, and the right of every person to receive adequate health care. Called a "source of inspiration" by one co-nominator, Mr. Frank received both professional and personal praise.

"Bob Frank is a phenomenal leader," wrote one colleague. "His strong managerial skills, instinctive decision-making ability, command of the health care field, honesty and quick wit combine to make his accomplishments many. Another emphasized Mr. Frank's "exemplary leadership" by writing "Bob has touched the lives of many students, challenging them while instilling confidence and commitment. He provides a rich environment in which both students and managers have room to grow and a firm sense of direction. He genuinely wants people to succeed."

Mr. Frank was lauded as a unique leader by one colleague, who pointed out, "He is the only person to show up at a Missouri Hospital Association Halloween party dressed as an aardvark and what's more, his wife is the only person (possibly in the history of the world) who showed up dressed as an ant hill." Barnes' president was also described as being "somewhat shy and retiring... rarely able to tell jokes for more than two hours at a time. He enjoys fishing and it has been rumored that he has even caught some fish."

A 33-year veteran of hospital administration, Mr. Frank has guided Barnes to prominence as one of the top ten hospitals in the country. Beyond his leadership at Barnes, he has worked toward improving health care delivery through his professional involvement at Washington University Medical Center, the Hospital Association of Metropolitan St. Louis, Missouri Hospital Association, American Hospital Association, Association of American Medical Colleges, American College of Hospital Administrators and a myriad of other health care organizations.

He has served on the faculty of the Washington University School of Medicine's program in health administration since 1963 and has been mentor to a steady stream of young people studying hospital administration and interning under his personal leadership at Barnes. In 1984, Barnes' Auxiliary honored him by endowing a scholarship in his honor at the medical school, and in 1985 he was named Outstanding Alumnus by his alma mater, St. Louis University.

Barnes raises $103,500 for United Way

Barnes employees rallied forth in response to the recent United Way campaign and succeeded in raising more than $103,500 to assist more than 120 United Way sponsored human service agencies in the metropolitan area. Barnes had set its goal at $100,000, a greater than 10 percent increase over last year's goal. This year's slogan was "a dime a day can go a long way" and challenged employees to pledge at least 10 cents a day, or one dollar per pay period, to the United Way fund.

"The effort put forth by the employees this year is commendable," said Tom Denton, Barnes vice-president and campaign coordinator. "Meeting a $100,000 goal is something to be proud of. A contribution of that size is a major step toward reaching the total community goal for the United Way."

Barnes again participated in the United Way pilot program to set the pace for the area-wide fund raising campaign. This year's goal was set at $35 million, an eight percent increase over the $32.5 million amount raised in 1984.
Barnes gears for variety of Marathon activities

Runners and spectators at the November 17 St. Louis Marathon will have more than the 14th annual race to keep them busy. A variety of activities, both entertaining and health-oriented, are on the calendar to supplement the 26.2-mile run.

On the Saturday preceding the race, November 16, the final pre-marathon clinic sponsored by Barnes, titled "Recovery," is scheduled for 1 p.m. at the Chase Park Plaza Hotel on N. Kingshighway. The clinic is the last segment of a six-part informational series on running that began in August.

On race day, Barnes will staff a medical station near the start/finish line and nine smaller aid stations along the marathon course. The hospital ambulance will also be on hand to ensure emergency transportation if required.

Spectators may enjoy the race from a special viewing area near the Barnes Hospital complex, which is along the marathon route. The viewing area, at the Clayton and Euclid intersection, will be marked by a hot-air balloon and musical entertainment by the "Hot Docs," an 18-piece band composed of Barnes/WUMS doctors. A breakfast booth will offer coffee, juice, muffins, fruit and donuts.

The 2004 prices in commemoration of the first Olympiad to include a marathon, which was held in St. Louis.

Free parking will be provided for all spectators on the Busch parking lot at Taylor and Clayton, with shuttle bus service to the viewing area. The Marathon will begin at 8 a.m. at the intersection of Kingshighway and Lindell Boulevards in Forest Park. The course will pass through downtown, winding along the river and through city streets, Tower Grove Park and Forest Park. Registrations will be accepted until November 16; entry forms are available from the St. Louis Track Club, 6611 Clayton Road, Suite 200, St. Louis, Missouri, 63117.

Organ donation: A gift of life

Have you ever wondered about the prospect of organ donation, but brushed the thought aside because you didn't know anything about it? Many people who suffer from fatal heart, kidney or liver disease have given a second chance for a healthier life through the generosity of anonymous organ donors.

Barnes Hospital is sponsoring an informational booth on November 7 to address unspoken questions and clarify common misconceptions about organ donation. The booth will be set up in the hospital's main East/West Pavilion lobby from 9 a.m. to 5 p.m.

General information about transplant procedures and organ donation will be available in the form of brochures, video cassette presentations and one-on-one discussions with members of Barnes' nursing staff. Steps to take to become an organ donor also will be addressed, upon request.

Signing an organ donor card is the first step in making a personal commitment to the act of giving. Informing next-of-kin and personal physicians are necessary measures to ensure that those wishes are fulfilled. Informational packets about organ donation are available through the Health Education and Screening Center, at 362-1390.

Trulove: Exercising for a healthy heart

Just two years ago, Dillon Trulove was a familiar figure in the Barnes corridors, a vice-president who had been with the hospital since 1946. Today, that same familiar figure is still visible, although he is more likely to be wearing a running suit than a suit and tie.

Mr. Trulove, who retired in December, 1983, following a heart attack earlier that year, returns to Barnes three days a week to run the track at Irene Walter Johnson Institute of Rehabilitation as part of a cardiac rehabilitation program.

"My cardiologist tells me that I'm in better condition today than I was before the heart attack," remarks Mr. Trulove. "I've come to realize that most people don't get the exercise they should until something happens to remind them. I used to look upon exercise, especially running, as a waste of time—time that could be used for getting work done. My thinking certainly has changed."

Organ donation: A gift of life

Mr. Trulove, who began his career at Barnes in 1946, is well remembered throughout the hospital community for his empathetic concern for employees, patients and visitors alike. His natural capacity for caring may have been nurtured in an overseas army hospital during World War II where he was a patient struggling with a bout of rheumatic fever. While he recuperated, he assisted with patients at the army hospital and was later transferred to the medical corps. When he returned to St. Louis in 1946, he sought a job in the health care field and was hired as an orderly at Barnes.

Recognized from the beginning for his loyalty, his willingness to accept responsibility and his ability to get others to work with him, Mr. Trulove earned a series of promotions. He moved from orderly to head orderly, supervisor of central service, assistant housekeeper, executive housekeeper, assistant director of the hospital, associate director and, in April of 1980, vice-president of Barnes where he was responsible for as many as 14 departments.

Since retirement, Mr. Trulove has found that he is busier than ever and has less time than he expected for his well-known woodworking hobby. His past projects have included room additions, a three-car garage and handcrafted rallop top desks and curio cabinets. His other retirement activities include overseeing some property.

Dillon Trulove returns to the familiarity of the Barnes complex when he visits the Irene Walter Johnson Institute of Rehabilitation three times each week for his cardiac rehab program.

Free diabetes testing here in November

In recognition of National Diabetes Month and in conjunction with the American Diabetes Association, the Barnes department of education and training is sponsoring free diabetes tests to detect "unknown diabetics" on November 13 and 14. The screening, open to the general public, is being held from 8 a.m. until 6 p.m. each day in the Health Education and Screening Center (HESC), located adjacent to the hospital's main lobby.

Those interested in having their blood sugar levels examined should either fast for 8-12 hours before the test, consuming only water during that time; or consume a 100 gram high carbohydrate meal two hours before the test. The prescribed diet is available by calling the HESC, at (314) 362-1390, Monday through Friday, between 9 a.m. and 4 p.m. No random blood sugars will be drawn.

Children under 18 years of age must be accompanied by their parent or legal guardian to be tested. Known diabetics, including borderline cases, will not be tested. Participants will receive an informational flyer indicating their blood sugar level. Those with abnormal readings will be referred to their personal physicians or to a Barnes diabetes specialist, if they so desire. Clinic referrals and information about other diabetes resources at Barnes will also be available.
Students explore medical careers at Barnes

"Explore," according to Webster’s Dictionary, means "to seek for or after." The word holds significant meaning for 40 area high school students who are members of the Barnes Medical Explorer Post seeking to investigate careers in health care.

The Explorer program, a subsidiary of the St. Louis Area Boy Scouts Council, consists of a number of posts comprising co-educational groups of students with similar hobby or career interests ranging from law enforcement and aviation to engineering and medicine. The Barnes Explorer Post is one of about four medical posts in the area and is coordinated by Ken Hetlage, assistant administrator; Barb Crawford, administrative assistant, and Val Danner, evening nursing supervisor.

The Barnes Explorer Post meets two times each month throughout the school year. One meeting is an informational presentation or discussion featuring a Barnes health care professional, while the second meeting is usually activity-oriented. For example, the Explorers might receive a tour of the hospital or participate in a cardiopulmonary resuscitation (CPR) certification course.

"The purpose of the program," says Mr. Hetlage, "is to help the Explorers learn more about their career interests. In addition to being educational about certain careers, it helps them learn what are their true interests and abilities. For some, the program reaffirms their interest and commitment; for others, it makes them realize their interests and abilities are better suited to another field. The students value their involvement with Barnes’ professional personnel."

The Barnes Explorer Post has benefited Chris Wallace, 17, by reaffirming his goal of becoming a surgeon. A student at Webster Groves High School, Chris is president of the post and is involved in planning the group’s activities. He is in his fourth year of the program and has also served as a junior volunteer at Barnes, where he especially appreciated working in the recovery area because of the proximity to surgery patients. Chris says he plans to major in biochemistry and pursue a medical degree.

"Being an Explorer at Barnes has really helped me because I know that I’m seeing and hearing about the most up-to-date advances in medicine," noted Chris. "It’s a good learning experience, helping me to become familiar with medicine and supporting my interest in surgery. The interaction among the members and with the Barnes doctors and departments make it a valuable program."

Volunteers needed for cholesterol studies

Volunteers are being sought to participate in several studies on the effect of diet and medication on blood cholesterol levels by a research team at Washington University Medical Center.

The Lipid Research Center is now screening volunteers for the studies, which will last five months. Participants will receive complete physicals, including lab tests, free of charge and will be required to follow a prescribed diet. Volunteers must be at least 21 years of age.

More information about the cholesterol studies is available by calling the center between 1 and 4 p.m. weekdays at (314) 362-3500.

Volunteers needed for cholesterol studies

Home Away From Home

Barnes Lodge, providing long-term, temporary housing accommodations for out-of-town patients and their families, opened October 21 in temporary quarters at 4560 Clayton.

The Lodge concept is to provide affordable, convenient lodging in homelike surroundings for family members who need to stay near seriously ill hospitalized patients and for patients receiving long-term outpatient treatment such as chemotherapy, radiation treatment and organ transplant follow-up care.

Charges for guests staying at Barnes Lodge are based upon a sliding scale. To learn more about the program, contact the social work department at (314) 362-5574.

The comfortably furnished living room provides a quiet place for relaxation among the company of other guests.

The dining room affords families at the Lodge an opportunity to enjoy a meal in comfortable and homelike surroundings.

At left: The Lodge offers five private bedrooms, each furnished with two beds and a dresser, nightstand and closet.

Guests at the Lodge prepare their own meals in a cheerful kitchen fully equipped with major appliances, cookware and table utensils.
During lithotripter treatment, the patient is positioned carefully in the specially designed tub of degasified water while an electrode in the bath generates a series of brief, high-voltage sparks (as indicated in the diagram).

Wolfgang Mozart suffered from them. So did Martin Luther, Benjamin Franklin and entertainer Bing Crosby. French emperor Napoleon III even died following an unsuccessful operation to remove them. And today, it's estimated that more than one-half million Americans suffer from them each year.

"They" are kidney stones, clumps of calcium and other mineral salts that accumulate in the kidney and can cause excruciating pain and possibly lead to other urinary tract problems. Fortunately, today's kidney stone sufferers can expect a more favorable solution than their historical counterparts, due to recent advances in treatment. One such advancement, the extracorporeal shock wave lithotripter, developed in West Germany, has revolutionized kidney stone treatment by eliminating the need for major surgery for many patients. As little as 10 years ago, such surgery was the only route to recovery for patients whose kidney stones were too large to pass through the urinary tract.

The cause of the formation of kidney stones is not completely known; however, heredity, poor diet, dehydration and infection are in part responsible. Small stones, which account for approximately 60 percent of those estimated nationwide, are able to pass through the urinary tract without outside intervention, though not without a price. Their painful journey from kidney through ureter, to bladder and through the urethra, may take weeks to months. Aside from the excruciating pain they create, kidney stones, left unattended, can cause infection and damaging blockage of the kidneys.

Traditional surgery of years past to remove kidney stones called for an eight- to ten-inch incision, a 10-day hospital stay and a six-week convalescent period, on the average. More recently, the development of percutaneous lithotripsy (see sidebar) dramatically reduced...
Dr. Ralph Clayman, Barnes urologist and medical director of the Midwest Stone Institute, demonstrated the extracorporeal shock wave lithotripter technique.

those numbers, requiring only a narrow (½ inch) cylindrical incision through the skin. The extracorporeal ("outside the body") shock wave lithotripter, commonly called a lithotripter, negates the need for any surgical incision by shattering the stones with an external force and reducing them to easily-passed, granular particles.

Lithotripter treatment begins with an x-ray to pinpoint the location of the kidney stone. The patient is then lowered into a special tub of warm, degasified water and carefully positioned according to the x-ray to maximize the shock wave's action directly upon the stone. A local or general anesthesia is administered for the patient's comfort.

An electrode in the bath generates brief, high voltage sparks which are harmless to the patient but explosively vaporize the water in the immediate area. The rapidly expanding vapor creates the shock waves, which a special reflector then concentrates and focuses upon the stone. The water conducts the waves toward the patient and, because most living tissue consists mainly of water, the wave is conducted through the body. By contrast, the stone is hard and brittle and when the focused shock wave reaches it, a force sufficient to disintegrate the stone occurs. The focused shock wave is equivalent to 15,000 pounds per square inch.

In general, about 1,500 shock wave impulses are required to reduce the stone to dustlike particles. This usually takes one session, lasting approximately 45 minutes to one hour. The residual debris is excreted in the urine, usually within three months.

Following treatment, the patient may experience a tingling sensation in the flesh and muscle soreness where the shock waves entered, both of which subside within a few hours. There will also be a small amount of blood in the urine, caused by the passage of fragments from the kidney. The patient generally spends about three days in the hospital, and may resume normal activity shortly after discharge.

While many doctors believe that the lithotripter will eliminate the need for surgery for most kidney stone sufferers, a small percentage of stones will still require percutaneous removal. For example, if a kidney stone is positioned behind the hip bone, the lithotripter will not be effective. In some cases, not all fragments are eliminated after lithotripter treatment and may require percutaneous removal. Likewise, a percutaneous approach is necessary for large stones and impacted ureteral stones.

Lithotripter treatment is especially beneficial in that lithotripter patients are exposed to a minimal amount of x-radiation, compared to the amount required during percutaneous procedures. Aside from eliminating the physical trauma and expense associated with surgery, lithotripter treatment also reduces patient costs by requiring a shorter hospitalization period.

The lithotripter is being seen as a revolutionary technological advancement capable of eliminating a centuries-old, painful problem.

Percutaneous Lithotripsy

While the shock wave lithotripter is proving to be a welcome answer for thousands of kidney stone sufferers, not every such patient can receive its benefits because of the position, size and number of the stones, or other physical conditions.

For these patients, percutaneous lithotripsy may be the answer to their prayers. Since 1977, this procedure has become an alternative to the traditional kidney stone surgery. Percutaneous lithotripsy, meaning "through the skin," requires a mere one-half inch incision and channel through the back and to the kidney. Dr. Ralph Clayman, Barnes urologist, was a pioneer in this treatment.

A small lighted instrument, called a nephroscope, is inserted and guided by x-ray through the incision to the stone. When the stone is located, it can be grasped with forceps and pulled out through the channel. Large stones may be broken into smaller fragments by an ultrasound-emitting probe inserted through the opening, and then removed by forceps or suction.

Percutaneous lithotripsy calls for a three-to-five-day hospital stay and about a one-week convalescent period.
bone transplants are beneficial to certain trauma, arthritis and cancer patients. The bones are treated to prevent rejection.

You can't catch AIDS (Acquired Immune Deficiency Syndrome) from donating blood, assured Dr. Jay A. Marion, a medical oncologist, in an interview September 23 on KMOX-AM with reporter Ron Morgan. Dr. Marion and Dr. Laurence A. Sherman, head of the Red Cross regional blood bank, explained that the needle used to draw the blood is used only once. Dr. Sherman also explained that the blood supply has been made safe from contamination by the AIDS virus through tests to detect antibodies in all donated blood.

KMOX-TV's "Straight Talk" featured a variety of psychiatry topics September 25. Dr. John M. Anderson, psychiatrist, was the program guest.

Avoiding the influenza virus was the subject of a live interview with Dr. Thomas Romano, a medical resident in the emergency department, on KTVI-TV September 26. Dr. Romano, who stood in the fall night air for the interview, told news anchors Don Marsh that influenza and colds are caused by viruses, not from exposure to cold temperatures.

Dr. Edward M. Gelman, medical director of the cardiac diagnostic laboratory, has been invited to discuss hypertension (high blood pressure) on KMOX-AM radio's "Doctor to Doctor" program with host Dr. Armand Brodeur. The program will air December 2 from 2 until 3 p.m. and features a call-in segment for listeners.

Hospital Notes
The following doctors are reported on staff: Dr. Wade H. Martin, assistant physician, effective August 10, 1985; Dr. Lee Rainfer, assistant physician, effective September 1, 1985, and Dr. Mylene Staten, assistant physician, effective September 16, 1985.

Dr. Keith H. Bridwell, orthopedic surgeon, presented a paper at the recent Sciosiss Research Society meeting in San Diego, California, in conjunction with other spine surgeons from Kentucky and South Carolina. Dr. Bridwell also recently finished work on a chapter in a book titled The Unstable Spine which is a combined effort by several orthopedic and neurosurgical spine surgeons across the country.

Dr. Charles L. Abramson, radiologist, was named a fellow of the American College of Radiology at the society's annual meeting in Montreal, Canada. The American College of Radiology is a national association of more than 20,000 diagnostic and therapeutic radiologists and physicists dedicated to improving health care through the science of radiology.

The American College of Physicians has elected Dr. Aubrey Rohan Morrison, physician, to fellowship in the 61,000-member national medical specialty society. Dr. Morrison will be honored in ceremonies to be held at the College's annual session in California next spring.

Five fellows in internal medicine were recently honored as the first recipients of the Knowlton Incentive for Excellence awards, established in 1984 by Charles J. Cella to honor Dr. Norman P. Knowlton Jr., physician. The recipients were Dr. Karl J. Crossen, cardiology; Dr. James D. Cury, pulmonary medicine; Dr. David M. Ferney, gastroenterology; Dr. Robert G. Kopitsky, cardiology, and Dr. Deborah L. Parks, rheumatology. The Knowlton Incentive for Excellence Awards will be given annually to honor house staff doctors who demonstrate extraordinary excellence in patient care.
Gifts to Barnes Hospital
Listed below are the names of persons (honorees in boldface) who have made contributions during the period September 7 through October 10 to the funds at Barnes Hospital.

Auxiliary Tribute Fund
Florene Magruder
IN MEMORY OF:
Annie A. Deen
Frank Armbruster
Barnes Hospital
Purchasing Department
Fern Bridgeforth
Tina Chatman
Jerry Counce
Linda Crume
Howard Einy
Charles Feldman
John Gregory
Alan & Kim Gibson
Howard Hedrick
Bob Lelhoff
Jan McCarthy
M/M Don McGohan
Richard Newberry
Larry Null
Jan O'Malley
Jean Schullik
Hugh Thomason
Annie Ware
Dan York

Mother of
Mr. Tom Deuschle
M/M Harold E. Thayer

Van Gouw
Mel and Paul Marcus

Leonard Daum Haertter
Mrs. A. Charles Roland, III
D/Henry G. Schwarz

Patient Care Fund
Mrs. Bernard Blomberg
Francis J. Castle
Vincent Chiappinelli & Mrs.
Susannah Bakshian
Lucille Edwards
J. Einner
Roger A. Hall
Margaret Hilliker
Mrs. Jerome K. Holloway
M/M Sylvester J. Keck
Ida C. Mosley
Velma K. Phillips

Lynn Kohane Schukar Memorial Fund
In MEMORY OF:
Lynn Kohane Schukar
Irvin Feldman
Clear Computer Co., Inc.
Mrs. A. H. Goodman
Robert & Enrica Kerch
Loonie Parker
Roen & Sid Phillips
M/M Hyman Schukar
M/M Allen Scharff
M/M Sandy Spitzer
Pearl Steinberg
M/M William Stolar
H. S. Strydwer & Co., Inc.
M/M Adolph Taryle
Sylvia Tha
Irving L. Wein

Heart Transplant Patient Care Fund
IN MEMORY OF:
Card Ward
Academy of Mathematics & Science

Barnes Cancer Fund
Evelyn Birkenkamp
Philip F. Trembot

IN MEMORY OF:
Jane Rush
Josephine Harris
Birthday of Fred Spears
Mrd. Fred Spears & Family

Jonathan Adam Jonas Cancer Research Fund
IN TRIBUTE TO:
Jonathan Adam Jonas
1985 Senior Class of Horton
Winkins High School
Mr. & Mrs. Burton Schneider
Mr. & Mrs. Stanley Schneider
M/M World H. Saan
IN SYMPATHY TO:
The Zibraks and The
Riffkins
M/Buddy Moskowitz
IN HONOR OF:
25th Anniversary of M/M
Dr. & Mrs. Marvin Mishkin
M/M Robert Goodman
Birthday of Granddaughter of
M/M Harvey Brown
D/M Julius Hartstein
Birthday of Newt and
Evelyn Framkel
M/M Sandy Jaffe
IN MEMORY OF:
Father of Joel Allen
M/M Sandy Jaffe
Aan Barr
Esther Jonas

Jonathan Adam Jonas Tribute Card Gifts
A new tribute card for the Jonathan Adam Jonas Cancer Research Fund may be purchased through the Development Office. Contact Peggy Palacios at 362-5196 for information.

John Sabourin
Delores Sanchez
Walter Tomask
M/Beverly Tucker
Ellen I. Vernell
Herman Wehrman
Judy Williams
Irving A. Williamson
Donald W. Wilmerly
B. G. Wright
M/M Stanley Yukon
Helen Zoller

IN APPRECIATION OF:
Dr. Felbel’s Services
Suzana Pazes

IN MEMORY OF:
Joseph Anselmo
Ernest L. Arent
Lizzie Banks
Agnes Bartol
R. K. Barham
Marguerite Bartok
Gladys Baur
Eleanor L. Begley
Mary Biscintini
Ruth Burtis
Dr. Harvey R. Butler, Jr.
Charlene Byrd
J. E Cahill
V. B. Campanella
M/M Maurice R. Chambers
Edith M. Clodfelder
Alice Cox
Melvin E. Dickson
Lisette E. Docktor
Edna Dirchsauer
M/T J. T. Dzwierzynski
M/M Charles Fischer
M/M Bennett Frelich
Margaret L. Gaalik
Toby Goldstein
M/M Charles Good
M/M Peter A. Green
Vesta Hamrick
Steve Hecinski
Doris L. Hill
Bob M. Huber
Mabel Huttigiger
for research
Louis James
Dr. Alex H. Kaplan
Bart L. Karmen
M/M Arnold Kreitman
Maudo P. Lannan
Paul J. LeGrand

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Riffkins
M/Buddy Moskowitz
IN HONOR OF:
25th Anniversary of M/M
Dr. & Mrs. Marvin Mishkin
M/M Robert Goodman
Birthday of Granddaughter of
M/M Harvey Brown
D/M Julius Hartstein
Birthday of Newt and
Evelyn Framkel
M/M Sandy Jaffe
IN MEMORY OF:
Father of Joel Allen
M/M Sandy Jaffe
Aan Barr
Esther Jonas

Annual Fund
Carl W. Adams
Joseph Anselmo
Ernest L. Arenz
Lizzie Banks
Agnes Bartol
R. K. Barham
Marguerite Bartok
Gladys Baur
Eleanor L. Begley
Mary Biscintini
Ruth Burtis
Dr. Harvey R. Butler, Jr.
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Edna Dirchsauer
M/T J. T. Dzwierzynski
M/M Charles Fischer
M/M Bennett Frelich
Margaret L. Gaalik
Toby Goldstein
M/M Charles Good
M/M Peter A. Green
Vesta Hamrick
Steve Hecinski
Doris L. Hill
Bob M. Huber
Mabel Huttigiger
for research
Louis James
Dr. Alex H. Kaplan
Bart L. Karmen
M/M Arnold Kreitman
Maudo P. Lannan
Paul J. LeGrand

IN MEMORY OF:
Susan Ruhlman
Boise Cascade, Forest Park, GA
Boise Cascade, Earth City, MO
Craig R. Chilton
M/M Fred Chilton & Family
M/M Scott Chilton & Lauren
Laurie M. Ferguson
Boise Cascade
M/M John H. Feeburn
Marion E. Hellman
James M. Klimt

Bone Marrow Transplant Unit Fund
IN MEMORY OF:
Susan Ruhlman
Boise Cascade, Forest Park, GA
Boise Cascade, Earth City, MO
Craig R. Chilton
M/M Fred Chilton & Family
M/M Scott Chilton & Lauren
Laurie M. Ferguson
Boise Cascade
M/M John H. Feeburn
Marion E. Hellman
James M. Klimt

Bone Marrow Transplant Research Fund
IN MEMORY OF:
Charles Rich
Henry & Ruth Lourie
M/M Harold Margulis
Mamie Rich
Rita Weiss

Alarms For Life
Lawrence H. Blau
Horncrest Foundation, Inc.
Karen L. Green
Zelda Greenberg
Mike Hagner
Mary Harris
Alberta S. Hitchings
Roderica Innman
Steve James
Mary Johnson
Adene Keene
Julia King
Blanche Mize
Peggy L. Morris
Gene Plautsch
Norma Riebling
Sylvia Roman
Ginny Ruzicka
Ken Sandier
Medical West Pharmacy, Inc.
Gail Shavers
M/M Bob Shillito
Bretie Stanhope
Brisa Stark
Sam Stern
Seryl Stern
Ann Tucker
Richard T. Walters

Alvin N. Lasky Memorial Fund
IN HONOR OF:
Recovery of Mrs. Hartlett
Korner
Mildred R. Feldman

David Jones Memorial Fund
IN MEMORY OF:
David Jones
M/M Lee I. Nations
M/M George H. Tripp & Sons

Barnes Hospital Endowment Fund
Frank L. Basia

Patient Education Fund
Jean V. Watson

Burn Center Fund

IN MEMORY OF:
Mamie Driscoll
Burr-Brown Corporation

Barnes Heart Fund
IN MEMORY OF:
Willard Hanger
Amtrak Material Control Group

IN MEMORY OF:
Joseph R. Zell
M/M Howard L. Sutherland
M/M John A. Woods, Jr.
M/M Joseph R. Zell
Joann H. Schroeter
Business & Professional Accs. Services
Prepared for Disaster: On October 16, Barnes joined other metropolitan St. Louis hospitals and city agencies in response to an area wide disaster drill. Coordinated by the St. Louis City Disaster Operations, the drill simulated an influx of patients in the aftermath of a major earthquake to test the ability of area hospitals to respond in such an emergency. Area high school students acted as mock victims. As a designated level I adult trauma center, Barnes would receive a high percentage of seriously injured victims requiring specialized care if a major disaster struck the vicinity.