

what's happening

Maine Medical Center
Portland, Maine 04102

October 28, 1987

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Blood Bank products are life sustaining

(The Blood Bank is the fourth article on MMC's Lab, part of a continuing series on the Laboratories.)

The blood products provided by the Blood Bank are life sustaining for many patients at Maine Medical Center. Twenty-three medical technologists working three shifts perform a variety of procedures that range from testing bloods to cell washing.

The Blood Bank receives 1,300 units of donor blood per month from the Northeast District Red Cross. Blood, already tested and labelled by Red Cross, is stored in refrigeration at 4 degrees celcius. Blood must be screened and retested before it can be issued to a recipient.

Blood must have similiar qualities to be compatible. Crossmatch testing is performed to determine the compatibility of blood. Serum and cells from both the donor and recipient is mixed in a test tube and tested for blood types. The four types are A, B, AB, and O. To determine blood types, technologists perform a test on red blood cells called forward grouping. The cells are added to a commercial serum of a known type. The reaction of the serum and the cells—either clumping or not determines the blood type of both the donor and recipient.

As a quality control measure, the previous procedure is reversed. Red blood cells of a known type are added to a patient's serum. The results of this test should correlate with the forward grouping test.

Technologists run a similar test to determine the RH blood type of donors and recipients. Red blood cells are added to a known serum, either RH- or RH+. Reaction with clumps indicates type RH+ and reaction without clumps indicates type RH-.

The Blood Bank provides a large number of other blood components to



DIANE JORDAN Blood Bank medical technologist enters blood products on the ILS 5 system for inventory. (A/V Photo)

patients with various needs. Platelets, the blood's clotting agents are most often provided for leukemia patients who lack this vital component in their blood. Platelets are also used to during massive blood loss in patients from the Emergency Room and the Operating Room. Fresh frozen plasma are used to replace specific clotting factors. Cryoprecipitate is used to replace the factor VIII component deficient in hemophiliacs, to alleviate excess bleeding.

The Blood Bank performs various special procedures, the most common of which is cell washing. This is done when a patient experiences fever or chills from a transfusion. To avoid adverse reactions the next time, a microaggregate filter may be used or the unit washed. Blood is spun in a centrifuge and filtered to remove the white cells. This procedure is 90% efficient. Cells may also be

IT'S WORKING AT WORK AND AT HOME



All of us working
together to preserve
our neighborhoods,
house our families,
care for our children,
assist our youth, and
strengthen our society.

Employee Benefits Enrollment Meetings

For the Pre-tax Premium, Reimbursement Accounts, and Supplemental Life Insurance Plans.

Tuesday, November 3,
11:30 AM Classroom 7**
12:30 PM Auditorium**
4:00 PM Auditorium

Wednesday, November 4,
7:45 AM Classroom 4*
4:00 PM Classroom 7
10:00 PM Auditorium

Friday, November 6,
7:45 AM Classroom 2*

Saturday, November 7, 1987
1:00 AM Classroom 7
12:00 noon Classroom 7**

Tuesday, November 10,
10:00 AM Auditorium
12:00 noon Classroom 7**
3:30 PM Auditorium

Thursday, November 12,
1:00 AM Auditorium
2:30 PM Classroom 7

Friday, November 13,
1:00 PM Classroom 7
3:30 PM Classroom 7

*Coffee will be available
**Bring your lunch



Continuing Education

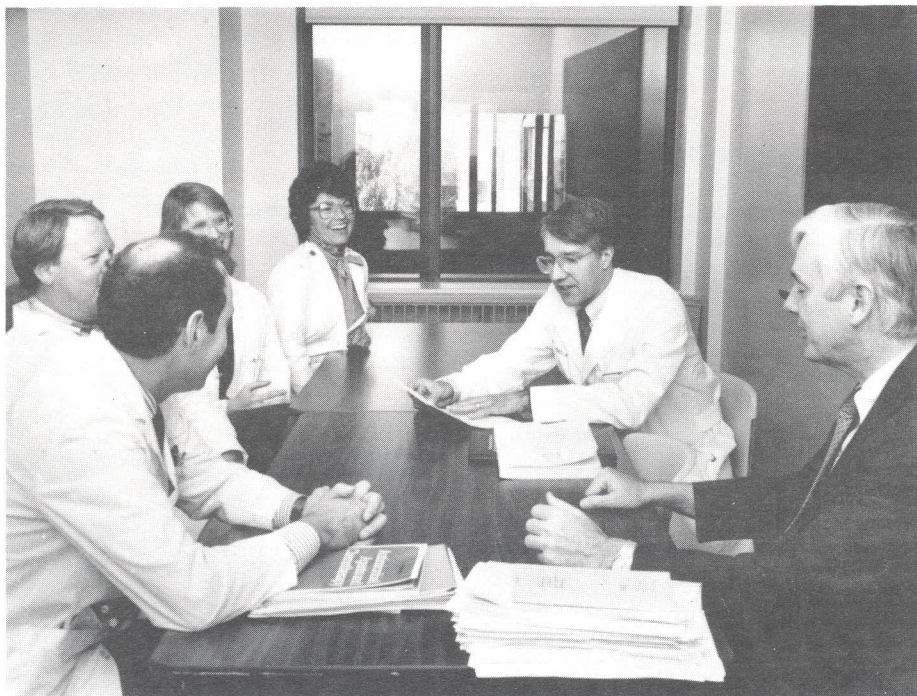
Nursing Staff Development

• **Critical Care Seminar**
"Bone Marrow Transplantation,"
Robert Hillman, M.D.
Thursday, November 5, 1987
8 AM (Classroom 4), and repeated
3:45 PM
one contact hour requested from MSNA

About People

Sandra Colello, RN, recently assumed the position of Assistant Head Nurse—nights—on R6. Colello has most recently been a staff member on R6.

Kathleen Giobbi, RN, R9W, recently completed her USM graduate thesis "Perceived Learning Needs After Myocardial Infarction."



INFECTIOUS DISEASE CONTROL WEEK (October 26–October 31), this year happens to coincide with the appointment of August Valenti, M.D. to Director of Infectious Disease. Above, at an Infectious Disease staff meeting, is from left: Michael Bach, M.D.; William Hall, M.D.; Nancy Beuerle, MT., CIC; Fern Founds, RN, CIC; August Valenti, M.D.; and Thomas Claffey, M.D. (A/V Photo)

Chick selected for Exchange Program

Lee Chick, Lead Technician of the Maine Poison Control Center at Maine Medical Center, will be spending a week at the Pittsburgh Poison Center in Pennsylvania, as part of the Poison Specialists Exchange Program.

Chick was one of seventeen specialists chosen from forty applicants by the American Association of Poison Control Centers, to participate in the exchange program. Each specialist has been designated their own host institution.

The experience of being exposed to how more developed regional centers structure themselves and approach common problems, will be very valuable to Chick for the ongoing development at MMC's own Poison Control Center.

Thanks

Rick Collins (the M&M kid) and his family wish to thank all who had to do with his health and well being while a patient at MMC for 136 days from injuries received in a motorcycle accident.

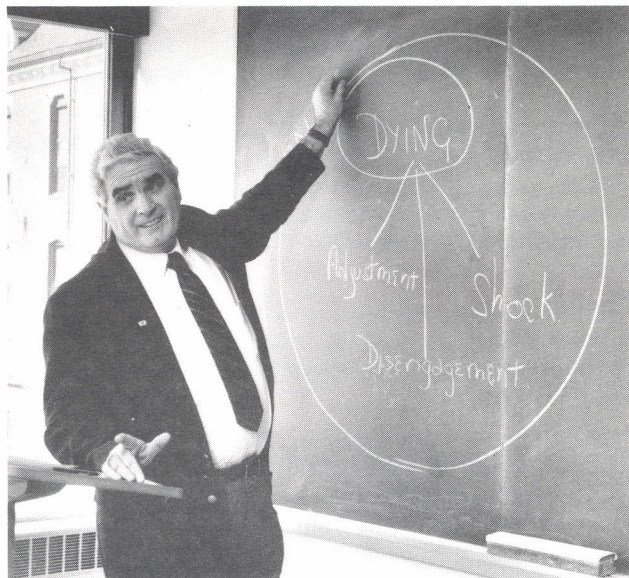
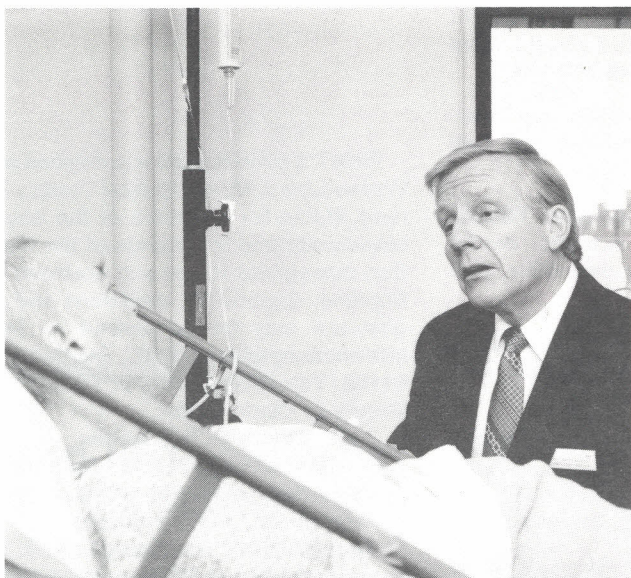


United Way

Support the United Way and get a fine feeling of satisfaction for having helped others in need.

All employees who contribute to the United Way and help reach MMC's goal of \$64,000, will be eligible to win one of the following prizes in a drawing to be held in November. (Cards must be in by October 29, 1987 to be eligible.)

- \$100 gift certificate to LL Bean.
- \$75 gift certificate to LL Bean.
- \$25 gift certificate to LL Bean.
- \$25 gift certificate to Horsefeathers.
- \$25 gift certificate to Channel Crossing.
- 2 passes on the Longfellow Cruiseline.
- One movie pass each month for one year.

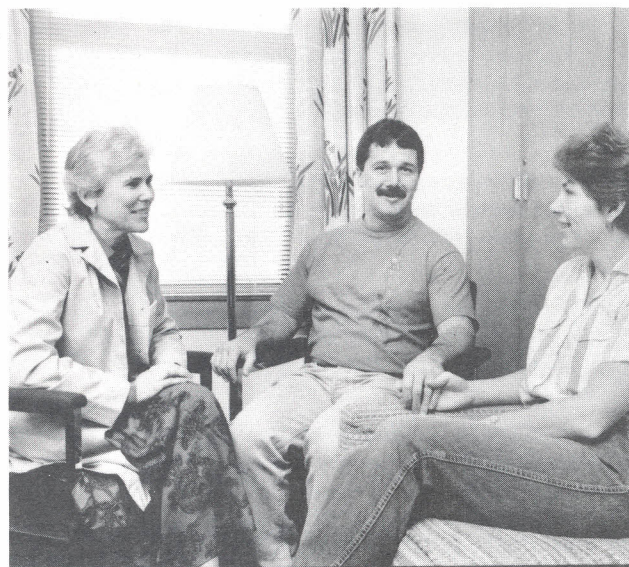


PASTORAL CARE WEEK October 26-30

The Pastoral Services Department provides for the spiritual care of Maine Medical Center patients 24 hours a day. Each week, the pastoral staff makes some 250 patient and family visits, and 15 emergency calls, 30 nursing staff and physician consultations. Chaplains also provide educational presentations for the hospital staff and community church groups, as well as a number of other services.

Above, Rev. Marvin Milbury, the Protestant Chaplain, pays a pastoral visit to a patient. Above right, Director of Pastoral Services Rev. Alexander B. Cairns, D. Min., provides formal education for hospital staff. Right, Roman Catholic Chaplain Anne Monaghan counsels a family. The Chaplains are provided by their various denominations; Rev. Cairns and his secretary are hospital employees.

Other Chaplains include Fr. Richard McLaughlin and Fr. Gerald Levesque from the Diocese of Portland, and Episcopalian priest Rev. Christopher Sims, provided by the Diocese of Maine. In addition to these, more than 40 local Protestant clergy provide overnight and weekend coverage, and a pool of 20 eucharistic ministers bring the sacraments to MMC patients. (A/V Photos)



New Employees

NURSING: Debra Bartel, Jacqueline Blais, Linda Brady, Eileen Collins, Constance Cote, Nicole Favro, Charles Frolio, Carolyn Greene, Julie Hazelton, Glenda Hubbard, Alexander Huges, Shirley Lavoie, Beth Place, Susan Roche, Nancy Roth, Pamela Shelton, Christine Smith, Erin Vandemark, Sonia Wrate.

LAUNDRY: Clarence Anderson, Carl Stuhr, Hong Thu Truong.

ANTHESIOLOGY: Elaine Boucher.

FOOD SERVICES: Sharon Boutin, Dale Hansen, Tracy Hansen, Linda Hilbinger, Martin Malia.

PULMONARY MEDICINE: Bryan Brackett, Claire Levine.

SECURITY: David Young.

DEVELOPMENT: Heidi O'Connor.

HOUSEKEEPING: Charles Alexander, Thomas Burleson, Bruce Copeland, Kelly Emerton, Paul Garrett, Deborah Neilsen, Diana Nicholas, Katherine Pettengill.

OPERATING ROOM: Sheryl Allen, Wendy Searle, Lisa Steeves.

MATERIELS MANAGEMENT: Trevor Bailey.

CAFETERIA: Joann Crockett.

SWITCHBOARD: Denise Dende.

PHLEBOTOMY: Denise Dionne.

CARDIAC: Anna Pierce-Duddy, Roger Shockey.

LIBRARY: Theresa Feuka.

ENDOCRINOLOGY: Darlene Smith.

OB/GYN: Mary Jo Spurr.

RADIOLOGY: Stephanie Szeplin.

CENTRAL SERVICE: Tamera Breckrich.

BLOOD, from page one

washed in the 98% efficient Cobe 2991, an instrument that uses three cycles of saline solution.

The frozen blood is most often used for transplant patients and is deglycerolized before use. Frozen blood is maintained at -85 degrees celsius for seven years with the addition of glycerol, a preserving agent. When the blood is needed, it is thawed and the glycerol is removed by washing in the Cobe 2991.

Another special procedure technologists perform is the irradiation of blood and products. This is done to keep transplant patients from contracting graft versus host disease. A Gamma Cell Irradiator performs the radiation on blood products that cause this phenomenon.

Watch for the second half of the Blood Bank article in the next issue.

Marketplace

FOR RENT: Available 11/1/87. Woodfords/Osteopathic area. 5 rooms, 2 BR, new kitchen, dining room, living room, hardwood floors, garage, storage, W/D hookup, porch and back yard, \$550. Call 774-2194.

FOR RENT: Gorham, large sunny room with kitchen privileges. Plenty of privacy. Non-smoker only, female preferred. \$70/wk. Call 929-3691.

FOR RENT: South Portland new 2 BR apt., wall to wall carpet. New appliances, quiet neighborhood near busline, 10 minutes from MMC. \$450/mo. plus utils. Avail. 11/1/87. Call 799-9265.

FOR RENT: Spacious western prom. apt., 3 plus rooms in brick Victorian house at the corner of Pine and western prom., 2 working fireplaces, hardwood floors, large fully applianced kitchen, private entrance, off street parking. \$625/mo. plus utils. Call 774-7628.

FOR RENT: 3BR apt., country living, easy commute to Portland, Auburn, or Saco. Heated, stove, refrigerator, \$650/mo. Call 892-5356.

FOR RENT: 2 BR apt., newly redecorated, stove and refrigerator, fireplace, heat included. \$595/mo. Call 797-2470, or 775-0874.

ROOMMATE WANTED: Professional non-smoker wanted to share convenient, very attractive 2 BR townhouse in South Portland. Parking, W/D on premises. \$250/mo. plus 1/2 utils., Call 761-3915 evenings.

ROOMMATE WANTED: Looking for female professional, non-smoker, willing to search for apt. in Portland area. Call 773-0560 evenings.

WANTED: Cleaning jobs, housekeeping available, experienced with references available. Call 775-2860 evenings.

FOR SALE: A new pair of Michelin 185/70-14 snows on 4-stud wheels, from Dodge Charger. \$125. Call 774-8547.

FOR SALE: 1976 White Volvo, blue interior, excellent condition. \$2,000 firm. Call 772-7016 after 3:30 PM.

FOR SALE: 1981 Volkswagon Rabbit, 77,000 miles, 2 door, sunroof, am/fm radio/cassette. \$1,800 or best offer. Call 773-1739 after 5:30 PM.

FOR SALE: 1984 Cavalier. Dependable, 30,000 miles, standard. \$3,300. Call 773-5837 after 6 PM.

FOR SALE: 1985 Dodge Ram Pickup truck, Atlantic Blue, automatic, 34,000 miles, step 'n tow bumper, astro cap. Excellent condition. \$4,800. Call 693-3169.

FOR SALE: Sofa bed, love-seat size, custom made, red plaid, excellent condition. \$150. Humidifier, floor model, portable, Montgomery Ward, good condition. \$50. Call x4026.

FOR SALE: 1981 Mercury Zephyr, 41,000 miles mint condition. Call 761-2075 evenings.

FOR SALE: Queen sized mattress and box spring, excellent condition. \$75 for the set. Call 799-0663.

FOR SALE: Lowery Organ, excellent condition, mahogany colored. \$300 or best offer. Call 934-5511 after 5 PM.

FOR SALE: New electric hospital bed with maple head board, no sides. \$500 or best offer. Call 773-3163 between 4 PM and 7 PM.

FOR SALE: 1983 Chevelle Malibu, 4 door, 48,000 miles, AM/FM radio. Extra set of snow tires included. \$4,100. Call 799-8014.

FOR SALE: Serta mattress and box spring for twin bed, like new, \$100. Call 797-0968 evenings.

FOR SALE: Clean used bricks \$20. Humidifier \$15. Call 657-3915 nights and weekends.

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WHAT'S HAPPENING is published every Wednesday at Maine Medical Center, Portland, Maine for members of the hospital community and for friends of the institution throughout Maine and northern New England. Comments, questions and suggestions may be addressed to Public Information Office, MMC, Portland, ME 04102. Telephone: (207) 871-2196.

Wayne L. Clark, Editor.

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FOR SALE: Solid Pine bar, with black vinyl trim, sturdy, well made. 2 bar chairs included. Asking \$150. Call 829-3878 after 5 PM.

FOR SALE: Beautiful house in Saco. Stone's throw to Ocean. Upscale neighborhood. L-shaped cape, solarium, 6 furnished rooms, expandable second floor, beautifully landscaped. Call 284-7817.

MARKETPLACE MECHANICS: *This column is maintained as a service to the extended MMC family of employees, physicians, trustees, corporators, volunteers, and their own immediate families. It is meant to be an informal forum for the exchange of goods and services and is based on a belief in the basic honesty of all participating. Those buying and those selling do so at their own risk. What's Happening cannot be held responsible for any problems arising from transactions made through Marketplace.*

Ads must be submitted (by phone, in writing, or in person) to the Public Information Office by noon on Wednesday preceding publication. In the event of space problems, ads are printed on a first-come, first-served basis. Ads can only be run once; repeat ads must be resubmitted.

MMC employees may not use hospital telephone extensions in ads without the express consent of their supervisors.

The editor reserves the right to abbreviate, edit, or reject advertising material.

PLEASE NOTE: Marketplace ads submitted by mail must be accompanied by the name, hospital department and extension number of the employee placing the ad.

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Portland, Maine 04102

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