The hospital's new laundry and boiler room are expected to be in operation some time in October. Dr. David Littauer, executive director, has announced. The laundry, the first new area in the current construction program to be opened, will be located in the basement of the hospital, one floor below its present location and to the east.

Some of the more than $45,000 worth of new equipment already has been delivered for use in the laundry. This equipment includes three washing machines, each of which can wash up to 350-pound loads at a time; one large dryer, which will speed drying time and will allow lint to be captured; a new wringer, which will speed the drying of linens; and three pressers, which will aid in straightening clothing. The lint is stored in a sorting table, from which the lint is passed to a lint 向图 above is one of the three new washing machines which will be installed in the new laundry to be in operation sometime in October. Each washing machine processes a 350-pound load at a time.
The old-fashioned method of blood counting is being challenged by an electronic brain known as the Blood Arithmometer, Dr. Herman T. Blumenthal, director of laboratory services, disclosed.

The Blood Arithmometer, now being tested in the Jewish Hospital laboratories, is the first of its kind in St. Louis. The counter, which employs the principle of the electronic brain, eliminates the tedious work of counting blood cells one by one under a microscope.

The blood is prepared in the same way for counting by the Arithmometer but the chamber is now placed in the machine and the counting is done mechanically in one and one half minutes instead of the usual five minutes that was required to count the cells under a microscope.

In addition to the actual time saved in counting, there is an even greater saving because of the fatigue factor which an electronic brain does not suffer.

After the Blood Arithmometer has been thoroughly tested and its accuracy has been determined, Dr. Blumenthal indicated that the hospital will make a decision about purchasing the machine.
Cheery Chatter

By Claire Friedman

The person who said that a woman's work is never done must have been thinking of the members of the Jewish Hospital Women's Auxiliary. Typically hot St. Louis summer didn't deter them; they worked at a fever-pitch on many jobs, all of which are just one purpose in mind—to make the Jewish Hospital the best.

Word from Mrs. Samuel Rosenkranz, hospital volunteer director, indicates that the Volunteer Program has been a huge success. In the last quarter, it has been staffed regularly with five to six aides per day. These hostesses, adult members of the Auxiliary and their teen-age helpers, don't deter them. The women liked it! Frankly, the editorial the first edition. We hope you can't buy it at the nearest newsstand. They'll be checked into the library and will give evidence Saturday evening, November 20.

The Auxiliary! You can join the Auxiliary in the 415 new members or honor or in memory—nothing is at 80 Lake Forest and the women will be happy to. Junior Volunteers: Misses Barbara Offay, Florence Zucker, Carol Samuels; Rita Rosen, Marilyn Rosenberg; Trudy Rimel; Florence Rosen; Trudy Steinberg; Mrs. Gideon Schiller.


doy hand trimmed by auxiliary hand select- and for hand decorated novelty goods. Those who have worked 150 20—will be ones no one 150 000 hours are: Sandra Berg; Eve- the usual parking head- tice give yourself a treat and and for hand decorated novel- and for hand decorated novel-

The Lilbey; Mrs. Harry Balfour; Mrs. Harry Lowenberg; Mrs. Maxine Poslosky; Judy Millard Waldheim.

Auxiliary Industry In Action

By Claire Friedman

Some of the Auxiliary's members worked long hours during August. There is a never-ending need for new members. The Auxiliary need, and for hand decorated novelty goods. Those who have worked 150

Junior Volunteers: Misses Barbara Offay, Florence Zucker, Carol Samuels; Rita Rosen, Marilyn Rosenberg; Trudy Steinberg; Mrs. Gideon Schiller.

Working On November Holiday Fair

There is no DANGER for the WOMEN AT WORK on the Auxiliary's big Holiday Fair to be held at the Nurses' Residence Saturday evening, November 19 and 20.

Auxiliary Industry In Action

Hand-crafters doing hand work for the Holiday Havens' Fair November 19 and 20 are left to right: Mrs. Louis Cawse, Mrs. Helen Schiek, Mrs. Herman Gittelman. On the shelves behind the women are some of their finished products. Their "factory" at 80 Lake Forest and the women will be happy to have prospective buyers stop in for a look.

Revue, Fashion Show To Feature Full Meeting, October 7, At Chase Hotel

The Jewish Hospital Women's Auxiliary will be featuring the" Fashion Show with the Full Meeting—a noon breakfast at the Chase Club of the Hotel Chase, Friday, October 7. Cost of the breakfast, including tax and tip will be $2.50. After a brief business session at 1 p.m., the meeting will include a review and fashion show from Women's WearDaily, presented by Famous Barr, Clayton, and the Jewish Hospital Women's Auxiliary. The collection of winter fashions to be shown has been hand selected from Famous Barr's Clayton store parking lot where special souvenirs will be sold to take guests to the Chase Club and return them before 3 p.m.

Auxiliary Members Spend Summer Working On November Holiday Fair

HAN DI-CRAFTERS

Junior Volunteers: Misses Barbara Offay, Florence Zucker, Carol Samuels; Rita Rosen, Marilyn Rosenberg; Trudy Steinberg; Mrs. Gideon Schiller.

Announcing Enlarged Quarters

Our Doors Are Open Mon. - Fri. 9:30 - 8:30; Sat. 9:30 - 5:30 Sun. 10 - 3. Come In and Browse Around
Many Successful Projects Tell Story Of Sanatorium Auxiliary

Sweet Sixteen and . . . never idle for a minute of its healthy, active life—that is the story of the Jewish Sanatorium Women's Auxiliary, which will continue its fine work even after the Sanatorium is physically merged with the newly constructed Mark Steinberg Memorial Hospital Section of the Jewish Hospital Medical Center.

The Sanatorium Auxiliary was the "baby" of a group of women who had become aware of the lack of facilities in the institution in February, 1939. Just being aware of the institution's needs was not enough: the women got together with their chief purpose being an effort to raise funds to provide added comforts for the patients.

What is even more amazing is that this group of women succeeded in raising $10,000 during their first two years of operation. In doing this they were working in their original slogan: "Everything possible was done for the benefit of the patients, and solicitation of funds was to be made only among the members of the Auxiliary and not on a city-wide basis!"

In 1949 the Auxiliary celebrated its tenth birthday and received the "Good Citizen Award" from the American Legion and from the American Jewish year-end "Broadcast to Greatness" to this group of women who had worked so tirelessly for the health and well being of the patients at the Jewish Sanatorium.

What was done with the more than $100,000? The first project was the Jewish Sanatorium Auxiliary Membership Drive which gave personal services to the patient. Many women devoted countless hours to personally serving the patients — serving them, feeding them, visiting them and doing those "little things" that mean so much.

A statement in their original constitution which stipulated that "the women of this organization who wish to perform the time-consuming and laborious work of the Auxiliary in some capacity will be members only of the Auxiliary and not on a city-wide basis!"

Uses Of Atomic Products In Hospitals Are Numerous

The Jewish Hospital is one of the nine in St. Louis engaged in the use of atomic products in diagnosis and therapy, a field which is possible only through the development of atomic energy.

At Jewish Hospital physicians are using isotopes in the treatment of congestive heart disease and angina pectoris. Doctors reduce the load on the heart by slowing down the thyroid through heavy doses of radioactive iodine to bring the basal metabolism rate as close to normal as possible. Then, the patients are given thyroid, which is not radioactive, in order to replace that which was removed by the radioactive iodine.

Another use of the radioactive materials is to study circulation time. By injecting a small amount of radioactive substance into the patient and measuring the time it takes for the radioactive material to travel the distance from the injection point, the physician can determine the volume of the heart and how effective it is working.

With the use of radioactive material becoming more common in the treatment of certain cancers, the cobalt treatment is used to replace deep therapy with radium. Doctors say that the greatest advantage of cobalt as compared with radium is that it can be handled more easily.

Among the many other uses of atomic energy now in use in hospitals is the use of radioactive iodine as a diagnostic tool in certain thyroid conditions or by itself to determine the conventional basal metabolism. This is done for such conditions as hyperthyroidism in which the thyroid functions too rapidly, the thyroxin level is excessive and the amount of activity almost impossible to measure. In this case a small X-ray machine inside the thyroid. In diagnosis of thyroid conditions with radioactive isotopes, the patient drinks a small quantity of the tasteless liquid the day before the test is given. In the laboratory, a special machine, even more sensitive than a Geiger counter, picks up the counts in order to determine and record the activity.

Several hospitals are engaged in blood volume studies which use small amounts of radioactive materials. Radioactive xenon is being used in some hospitals in diagnosing congenital cardiac conditions in children; however, doctors emphasize that this method is still in its pilot stage and is only one of the tools of diagnosis of children's heart anomalies.

Still another use of atomic energy is the localization of brain tumors. This was one of the earlier uses of atomic energy and is still being used by most hospitals along with other methods.

Increasing in its use is radioactive phosphorus in an effort to control and treat tumors in the treatment of polycholesterolemia, a blood condition identified by too many red blood cells. These same institutions are using radioactive chromium in studies of survival and life span of red blood cells in certain types of anemia.

Still other uses of atomic energy not necessarily designed for hospitals but from which hospitals are benefitting are such projects as tagging iodine-laden serum before washing under a variety of conditions to determine the effectiveness of the treatment.

Continued on Page 8

THREE FLOORS of the Jewish Hospital Medical Center will accommodate the patients suffering from prolonged illnesses who are now cared for at the Jewish Sanatorium on Fee Fee Road. These are the patients with whom the Jewish Sanatorium Women's Auxiliary have worked for the past 16 years. The Sanatorium Auxiliary also will continue its activities after the patients are moved to their new quarters.

Identical Twin Interns

Work In Obstetrics Division

A pair of identical twins are working in the Jewish Hospital Medical Center's obstetrics division. However, the grand new mothers may not feel that the twins do not belong to any patient in the division. They are "double trouble" going about their duties which, according to hospital officials, is a "very rare case."

Drs. Dan and Edward Moore, 26 years old, began their internship at the hospital in July. At first they were separated with Dr. Dan working in obstetrics and Dr. Edward in special surgery work. Since August 1, they have been side by side delivering new babies.

All sons of Mr. and Mrs. Samuel B. Moore of Kewanee, Illinois, they attended Knox College, Galesburg, Illinois, and the Washington University School of Medicine. They graduated from Medical School last June. The twins are both married and live at 4642 Forest Park Blvd.

Hospital disorder sometimes stems from the fact that the two look so much alike. A patient talks with one doctor; then talks to the other at a later time. Sometimes, of course, this confuses both the patients and twins alike.

MISS MICKEY GROTHAUS, Radiosotope technician, administers the 24-hour Radioactive Iodine Tracer study to an X-ray student. This test is used to determine thyroid function.

Continued on Page 8

HOSPITAL VISITING HOURS . . .

<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Phone</th>
<th>Two-bed room or wards:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noon</td>
<td>Private</td>
<td>Noon</td>
<td>Noon to 8.30 p.m.</td>
</tr>
<tr>
<td>2:30</td>
<td>Obstetrics</td>
<td>2:30</td>
<td>3:00 to 5:30 p.m.</td>
</tr>
<tr>
<td>6:30</td>
<td>Pediatrics</td>
<td>6:30</td>
<td>8:30 to 8:30 p.m.</td>
</tr>
<tr>
<td>11 a.m.</td>
<td>11 a.m.</td>
<td>11 a.m.</td>
<td>11 a.m. to 5:30 p.m.</td>
</tr>
</tbody>
</table>
The Jewish Hospital laboratories have been chosen as one of the 20 in the country to engage in a joint study of the Damocles society of cell lysosomes. The study, carried out by the Division of Medical Services of the Jewish Hospital, is concerned with the measurement of an enzyme liberated from a damaged heart muscle. The study is being conducted by Dr. Murray Chiusky in association with Dr. Sherry.

MRS. FRANCES D. ISRAEL, president-emeritus of the Noshim Rachmonioth Society, presents a check for $2500 to Dr. Samuel D. Soule, president of the Jewish Hospital. The money was assigned to the Frances D. Israel Research Fund, which the Society established and has supported for a number of years. The presentation took place at a donor luncheon at the Chase Club, Hotel Chase.

A Suita of examining room furniture was donated by the Sun Ray Chapter No. 426, Order of the Eastern Star this summer. Shown in the top photograph, which was taken at the dedication of the suite of furniture, are left to right: Mrs. Henrietta Mellman and Mrs. Sonya Dobinsky, officers of the chapter; Mrs. Alive Greshman's recovery.

Ruby Strot's recovery.

Rudy Strot's recovery.

Mrs. Henry Weisels' birthday.

Mary Bader.

Dr. Sherry said that by measuring the appearance and amount of the enzyme in the blood of patients, it may be possible to obtain important diagnostic information about the state of the heart muscle.

The grant is for a research project concerned with the measurement of an enzyme liberated from a damaged heart muscle. The study is being conducted by Dr. Murray Chiusky in association with Dr. Sherry.

One of the 20 laboratories chosen as one of the 20 in the country to engage in a joint study of the Damocles society of cell lysosomes. The study, carried out by the Division of Medical Services of the Jewish Hospital, is concerned with the measurement of an enzyme liberated from a damaged heart muscle. The study is being conducted by Dr. Murray Chiusky in association with Dr. Sherry.

MRS. FRANCES D. ISRAEL, president-emeritus of the Noshim Rachmonioth Society, presents a check for $2500 to Dr. Samuel D. Soule, president of the Jewish Hospital. The money was assigned to the Frances D. Israel Research Fund, which the Society established and has supported for a number of years. The presentation took place at a donor luncheon at the Chase Club, Hotel Chase.

A Suita of examining room furniture was donated by the Sun Ray Chapter No. 426, Order of the Eastern Star this summer. Shown in the top photograph, which was taken at the dedication of the suite of furniture, are left to right: Mrs. Henrietta Mellman and Mrs. Sonya Dobinsky, officers of the chapter; Mrs. Alive Greshman's recovery.

Ruby Strot's recovery.

Mrs. Henry Weisels' birthday.

Mary Bader.

Dr. Sherry said that by measuring the appearance and amount of the enzyme in the blood of patients, it may be possible to obtain important diagnostic information about the state of the heart muscle.

The grant is for a research project concerned with the measurement of an enzyme liberated from a damaged heart muscle. The study is being conducted by Dr. Murray Chiusky in association with Dr. Sherry.
Plan To Give To The United Fund
October 20 November 22

September, 1955
The Jewish Hospital of St. Louis
216 South Kingshighway Boulevard
St. Louis 10, Mo.

Cheery Chatter continued from page 3

Sanatorium Auxiliary continued from page 5

Sanatorium Auxiliary, headed by Mrs. Arnold S. Block, Mrs. Bernard Adler, Mrs. Milton Jasper and Mrs. Tobias Lewin, has worked closely with the Vice-President of that department, Mrs. Lesten Levy and with a live-wire group of women whose favorite occupation is signing up new people to join in the work of the Auxiliary. A beautiful welcoming tea was held for these new members on September 13 at the Nurses’ Residence.

If you know of someone who is not an Auxiliary member and would like to join, call Mrs. Block, Parkview 5-0549. There’s room and work for all.

BLOOD ARITHMOMETER

John Baptist Cineas, medical technologist, operates the Blood Arithmometer, an “electronic brain”, which is challenging the old-fashioned method of counting blood cells one by one under a microscope. The Arithmometer, now being tested at the Hospital, counts the cells in one and one-half minutes instead of the five required in the old method and greatly cuts down the fatigue factor.

Atomic Products (continued from page 5)

particular soaps, detergents, and other chemicals in the laundry. In construction and maintenance of buildings, the man with the detector is saving time, money and effort in locating leaks in water mains or the exact spot where drainage pipes may be plugged up. To locate the clogged place, the radioactive material is put into the pipe; both ends are blocked off, and the path of the pipe is followed with a detector from the outside without having to tear up walls and floors.

Although the use of radiotracive isotopes is becoming more and more prevalent in hospitals and in medicine, their use is still strictly supervised. The hospital or physician is required to obtain authority from the Atomic Energy Commission and all materials must be obtained directly from one of the official stockpiles or from a laboratory which has been licensed to handle large quantities of radioactive material by the AEC. Physicians must have had previous clinical experience in the use of radioactive materials, either in a hospital or university. Until about a year ago, the material could be used only in an authorized hospital but more recently, individual physicians meeting the AEC’s requirements have been granted permission to use the material in their office laboratories if they meet stringent and specific regulations.

Your’s for the pickin’...

A NEW CROP of FALL BUYS

Just in! A Bumper Crop Of Fall
Ideas For Gifts At Gift Gallery

- For Friends
- For Children
- For Babies
- For Yourself

Use Our New Phone Service. Call FOrest 7-8080 Extension 219. Let Us Select An Appropriate Gift For You To Send.

New Fall Accessories ... Hostess Gifts
... Unusual Gifts For Men ...
Toys ... Ideas Galore.

Card Party
The Jewish Hospital Nurses’ Alumnae Association will hold its annual card party, Wednesday, October 26 at 8 p.m. in the Nurses’ Residence at 216 South Kingshighway. Attendance prizes will be given and refreshments will be served. The public is welcome.