

# Pathological Laboratory At St. Joseph Hospital Open



## Latest Equipment, Methods To Combat Diseases Set

By STAFF CORRESPONDENT  
The Pathological Laboratory at St. Joseph's Hospital was transferred from the fifth floor of the Surgical Wing where it has been since 1922 to its new location at the north end of the Medical Building last week.

Commanding a view of unsurpassed beauty overlooking the Eastern Hills, the department is ideally situated to provide adequate natural light during the major portion of the working day, as well as a very unusual scenic view for the personnel. Architectural planning of the department was done by the firm of Haskell, Conditine and Haskell.

AS THE VISITOR is conducted on a tour of the department by one of the Sisters or lay members of the staff, he usually starts in the large room at the extreme north end of the corridor. The laboratory equipment throughout the department was purchased from the Kewanee Company of Adrian, Mich., and includes work tables of natural oak with ketchikan tops, a special composition impervious to acid and other stains inseparable from the daily routine of a laboratory.

The exquisite natural wood blends beautifully with the light green walls, partially of plaster with the lower half of contrasting fluorescent fixtures provide artificial lighting when needed.

The flooring is of harmonizing gray rubber tile. This room, the largest in the suite, houses several units of the laboratory. A place of apparatus, circular in shape takes the eye as the visitor looks to the right of the door. He is told that it is an incubator used to prepare surgical specimens for microscopic examination.

A REVOLVING mechanism immerses and removes the specimens to various solutions. In this room, blood counts are done, as well as many different types of blood tests. Guided still further, the visitor sees refrigerators for preserving specimens, and the set-up for complete urine examinations.

What looks very much like an aquarium, next takes his attention, but instead of fish, as he might expect to see in such a water bath, he observes frogs. He is told that this is a special type of frog, imported from Africa, and used for diagnostic tests, after being injected with various human substances.

Nearing the entrance again, the visitor observes a round, closed metal unit, which, he is told, is called a centrifuge. When this is in operation it spins at a high rate of speed, and is used to throw sediment to the bottom of a fluid, or to separate cells from blood serum. Leaving this complete unit, the visitor enters a smaller room, where students' chairs, shelves lined with books, a blackboard and movie screen give an unmistakable classroom atmosphere.

THIS ROOM is done in soft green with contrasting rose tile. The visitor's question as to who studies in the room is answered by telling him that St. Joseph's Hospital cooperates with Nazareth College, Rochester, in the educational program for certified medical technologists.

Medical technology is a highly specialized branch of medicine. It is an auxiliary branch of Pathology (The Study of Disease) and requires a comprehensive working knowledge of anatomy, physiology, medical bacteriology and chemistry plus other related sciences.

A medical technologist performs under the supervision of a pathologist or other qualified physicians, the various laboratory procedures used in the diagnosis, study and treatment of disease.

The course pursued by these young women of whom two are registered at present at the hospital, include three years of liberal arts and sciences at the college followed by 12 consecutive months of instruction in clinical laboratory methods at St. Joseph's, as outlined by the Board of Registry of the American Society of Clinical Pathologists.

NAZARETH COLLEGE confers the degree of Bachelor of Science in Medical Technology. Students completing the course are eligible for the registry examination for certification by the American Society of Clinical Pathologists.

Here, too, the visitor was introduced to medical photography. Pictures in color are taken of surgical specimens, unusual diseased conditions, and many other photographs of medical interest. These are used as visual aids in the educational program for doctors, nurses and medical technologists. The projector used in the department to show these photographs on the screen was donated to the hospital in memory of a deceased person by a group of her friends.

Going out into the corridor again, the visitor is taken across the hall to another room where water is distilled, and where all glassware used in the various tests is cleaned. A window leading directly from the large room already visited makes it very convenient for the technologists to route the used equipment for washing. In the corridor again, a cabinet, refrigerator and incubator are noted out where laboratory supplies for the hospital wards are obtained by the nurses as needed, and where specimens from patients are preserved at the right temperature awaiting examination.

TO THE LEFT, a small room is set up for the outpatient, that is, one who is sent in by his doctor for some test, but does not have to be hospitalized. The visitor next comes to the secretary's office, where he notices a central call box on



LABORATORY EFFICIENCY in the new Pathological laboratory of St. Joseph's Hospital, Elmira, is aided by the modern installation of equipment and methods. In upper left photo, in part of the main laboratory Richard Mann and Francis Palmer, medical technologists, are shown at work. To right in upper photo is shown Sister William Andrew of the Sisters of St. Joseph discussing a culture being

studied in the bacteriological division with Mrs. Pauline Williams. Below in the conference room for classes are Sister William Andrew, laboratory supervisor, projecting slides with (from left) Mrs. Pauline Williams, bacteriologist; Josephine Tuttle, student technologist, and Joanne Fraleigh, medical technologist, observing.

closed porch houses the blood bank, where the ordinary types of blood are always on hand, and where the unusual types can be readily secured, from the Rochester Regional Blood Bank, or one of the member hospitals in the Elmira area.

PROCEEDING TO the right, the visitor comes to the Bacteriology Division. Here, specimens are sent to be examined for specific organisms, when bacteria are suspected to be the cause of illness. In some cases, smears are made and observed under the microscope. Some diseases, as venereal diseases and sometimes tuberculosis and diphtheria can be diagnosed by smears. Other bacteria are more difficult to identify, and must be isolated from the specimen by using an artificial medium, the most common being blood agar, made up of a gelatin base with blood added. Then with the aid of an incubator kept at 37° centigrade (body temperature), the organism can

be cultured. This is explained in a moment when the secretary takes a call. It is the inter-communication system, through which the workers in the various units can talk to the secretary.

Proceeding toward the elevator the visitor notes a room marked "Reagent Room." Here one finds countless solutions, crystals and powders used in many laboratory tests. The technologists from the various units come to this room for the necessary reagent, thus eliminating the storage of them on each unit.

What was formerly the porch facing the Surgical building is now enclosed with glass block, soft gray tile on the wall contrasts beautifully with the light from Corning Glass Works. The colored plastic flooring. This en-

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# Diocese HN Convention Sets Elmira Talk By Father Cleary

The Rev. Donald M. Cleary, Catholic Chaplain, Cornell University will address delegates to the 1952 Rochester Diocesan Holy Name Union Convention in Elmira, Sunday, May 25 according to Martin Q. Moll, diocesan union president.

Bringing delegates from all over the diocese, the convention will open at 2 p.m. in St. Mary's parish recreation center auditorium for registration.

The business session at which Father Cleary will speak will begin at 3 p.m. Cressy A. Mowery, president of Elmira Deaneary Council Holy Name Societies will welcome the delegates.

Father Cleary, guest speaker, who as chaplain at Cornell, directs the Newman Club activities there is nationally known for his work with Catholic students in secular universities. He is widely known as a speaker and has given missions throughout the diocese.

A licensed pilot, he served with the Air Force in World War 2 and flew in this country and in Europe.

In 1947 he went to Europe as representative of the N.C.W.C. Youth Department in Washington to attend a collegiate Youth Conference in France.

At Cornell, last Sunday he presented members of the Cornell Newman Club to His Excellency Bishop Kearney for the John Henry Newman Honor Society awards.

Taking a prominent role in the convention proceedings also will be the Rev. Patrick J. Flynn of Rochester, diocesan Holy Name Union chaplain, the Rev. Albert L. Simonetti, chaplain of the Elmira Deaneary council and the Rev. Thomas J. Toole, pastor of St. Mary's and host to the convention.

Benediction at 5 p.m. will include the day's program. Invitations to all parish units of men to attend the convention are going out this week from Holy Name headquarters.

Members of the Rosary Altar Society of St. Mary's church, Elmira, will serve a Communion breakfast on Sunday morning in the Auditorium to the children of the First Communion class.

Over 100 boys of the parish will receive their First Holy Communion at the 7:30 a.m. Mass. The breakfast is under the direction of Mrs. James P. O'Leary and assisted by a large committee.



DEANEARY OFFICERS confer on plans for the 1952 Rochester Diocesan Holy Name convention to be held Sunday, May 25, in the new recreation center auditorium of St. Mary's Parish, Elmira. John J. Richardson, treasurer, Elmira Deaneary Council of Holy Name Societies (left) and Cressy A. Mowery, president, set convention opening for 2 p.m.

## Telephone Employees St. Theresa Triduum Communion, Sunday Closing Rites Set

Second annual Communion breakfast of the Telephone employees group known as "Our Lady of the Bell" will be held on Sunday morning at 9 in the Mark Twain Hotel, Elmira.

Reception of Holy Communion by the Catholic members will take place at the 7:30 a.m. Mass in St. Mary's Church. The Rev. Guy J. Wertz, assistant pastor of St. Mary's will be the breakfast speaker.

Reservations may be made by calling Miss Frances Padden or any member of the committee.

Solemn closing of the triduum in honor of St. Theresa will take place tomorrow evening at 7:30 in St. Anthony's church, Elmira. The Rev. Timothy Shea, O.P., is conducting the services.

At the closing service roses will be blessed and distributed. A Solemn High Mass will be offered for the intentions of those making the Triduum tomorrow morning at 8.

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## Fr. Gehring To Lead 40 Hours At St. Patrick

Rev. Msgr. William J. Brian, S.T.P., pastor of St. Patrick's Church, Elmira, has announced that the Forty Hours Devotion will open with a Solemn High Mass on Sunday, May 18, at 11 a.m.

The Masses each morning will be at 6, 7, 7:30 and 8, and the evening services will be at 7:30. Rev. Frederic P. Gehring, C.M., the famed "Padre of Guadalquivir," will conduct the Forty Hours Devotions.

FATHER GEHRING is a native of Brooklyn, and was ordained from St. Vincent's Seminary, Germantown, Pa., in 1900. Father Gehring called for the Orient and worked in the West of China until 1939, when he returned to the U. S.

At the outbreak of the war, Father Gehring was one of the first American Fathers to enlist. He spent six months on Guadalquivir and for the work he did there he was the first to receive the Legion of Merit Medal from the President of the United States and also the Presidential Unit Citation.

Solemn closing of the Forty Hours Devotion will take place Tuesday evening at 7:30 p.m.

## Ascension Masses In Elmira Churches

Schedule of Masses in the Elmira area for the Feast of the Ascension of Our Lord, a holy day of obligation, is:  
St. Mary's — 5:30, 7, 8, 9 and 12:15.  
St. Patrick's — 5:30, 6:15, 7, 8, 9 and 12:15.  
Our Lady of Lourdes — 6, 7, 8 and 12:15.  
St. Anthony's — 6, 7, 8, 9 and 12:15.  
St. Cecilia's — 5:30, 7:15 and 8:15.  
St. Casimir's — 5:30, 7, 8 and 9.  
St. Peter and Paul's — 5:30, 7, 8, 9 and 12:15.  
St. John the Baptist — 6, 7 and 8.  
St. Charles Borromeo — 6, 7 and 8.  
St. Mary's-Horseheads — 6:30 and 7:30.

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