

# JOURNAL

OF THE

# ALLENTOWN HOSPITAL

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OF

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JULY

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The Journal of the Allentown Hospital is published each February, May, August, and November by the Staff and Trustees of the Allentown Hospital. Original papers are invited from all members of the Staff and will be reviewed for publications by the Publications Committee. Papers submitted must be typewritten, double-spaced, on one side of the page only. Illustrations must be original drawings or black and white glossy photographs. References should be listed alphabetically and should conform to the Quarterly Cumulative Index Medicus: author's name and initials, journal, volume, initial pages and year. Papers should be submitted to the chairman of the committee, Dr. Kerwin M. Marcks, M.D., F.A.C.S.



Central Administration and Patient Service Building

# The Allentown Hospital

THERE are few hospitals in America, outside of the major teaching centers, that offer as many services to patients and as many opportunities to internes and residents as the Allentown Hospital, a general hospital that during the fiscal year ending May 31, 1957 provided 168,250 days of care for 18,720 patients.

To its patients it offers the skills of a staff that in 18 separate departments includes 49 board certified specialists and practically every facility that science provides for the modern practice of medicine and surgery and their specialties.

To those who come to it for training and experience it offers a completely organized and fully accredited teaching program directed by its staff and the opportunity to work in an ably administered hospital that in the past year cared for a daily average of 461 patients.

Since it opened its doors in 1899 as one of Pennsylvania's first community hospitals outside of Philadelphia and Pittsburgh, the Allentown Hospital has cared for more than 370,000 patients and given nearly 900,000 treatments in its out-patient departments. Each year there are increasing demands for its services in all departments and each year it adds to its facilities.

Established as a 30 bed institution, the Allentown Hospital now has normal accommodations in thoroughly modern buildings for 565 patients, including 500 adult beds and 65 bassinets. On a single day during the past year it reached an all-time high with a census of 528.

Approximately one quarter of its patients are admitted to ward service and during the last year 65 per cent of all patients had Blue Cross coverage. The average patient spent 9.35 days in the hospital.

Departmental reports included in this bulletin are convincing proof that in every sense of the word the Allentown Hospital is a general hospital with facilities and staff for the diagnosis and treatment of every type of illness.

#### THE HOSPITAL PLANT

Located at the gateway to Allentown's most select residential area, the Hospital and its School of Nursing cover almost an entire city block. A new six story administration and patient building and an adjoining three story service wing, both of them completed less than five years ago, connect and serve all units of the Hospital and form an attractive entrance. Older parts of the Hospital are five and six story wings that have been kept thoroughly modern.

The newest units include administrative offices and record rooms, a spacious X-ray Department with new equipment that alone cost more than \$125,000 and facilities for using radioactive therapy; the Pathological Department with its component laboratory suites equipped for specialized procedures; an orthopedic operating room with its own bi-plane fluoroscope; a urology section with operating rooms and patient rooms; three floors for the care of private and semi-private medical and surgical patients; a psychiatric treatment and diagnostic center with recovery rooms; a modern pharmacy; a spacious auditorium with adjoining staff conference rooms; a medical library in charge of a certified medical librarian; surgical work rooms and examination rooms and one floor given over entirely to attractive single rooms and double suites for internes and residents.

The operating pavilion, completely rebuilt and air conditioned, has been termed one of the most modern in America. Its eight operating suites include rooms for major and minor surgery, and specialized rooms for plastic and reconstructive surgery, nose and throat surgery and eye surgery. Two of the major operating rooms have glass-enclosed observation galleries. All of the operating rooms have been built to conform with the highest standards of safety through the elimination

of static electricity. Oxygen and nitrous oxide are supplied to them from central reservoirs located in the basement. Adjoining them is an airconditioned recovery room.

## THE HOSPITAL STAFF

The major staff of the Hospital is organized into eighteen departments and thirty-three clinics, each with its own chief and associates. Of the 84 members of the major staff, 49 are certified specialists, diplomates of every American Board. Practically every department has at least one diplomate on its active staff. All members of the major staff have teaching responsibilities in the interne and resident training program. There are more than 160 other physicians and surgeons on the auxiliary staff and scores of others in the wide Lehigh Valley area the Hospital serves have Hospital privileges.

Departments include general surgery, medicine, obstetrics, and gynecology, ear-nose-throat, urology, pathology, X-ray, orthopedics, dispensary or first aid, proctology, plastic and reconstructive surgery, pediatrics, neuro-surgery, thoracic surgery, anesthesia, physical therapy, ophthalmology, tumor clinic, general practice, dentistry and dental surgery. Each department has one or more regularly scheduled specialized clinics in the Out-patient Department.

In addition to these clinics, the Hospital has an endocrinology clinic and, in cooperation with other groups, conducts a crippled children's clinic, a cleft palate diagnostic clinic, a speech and hearing clinic, an alcoholic clinic, and a cerebral palsy clinic. It is one of the relatively few Pennsylvania hospitals fully equipped and staffed for the care of poliomyelitis patients. In this department its facilities include a warm water pool.

Of the 348 hospitals in Pennsylvania registered by the American Medical Association, it is one of 178 approved by the Joint Commission on Accreditation of Hospitals and one of approximately 30 that also have full approval for the training of internes and residents, for graduate training in surgery and surgical specialities, for the training of nurses, and an approved cancer clinic.

#### ADMINISTRATION

The Allentown Hospital is a non-sectarian institution founded and maintained by the citizens of the community of which it is a part through the non-profit Allentown Hospital Association. Its broad policies are established by a Board of Trustees elected by the Association and administered by the Chief of Staff, who is a member of the Board; by the Superintendent, a layman who coordinates business operations and non-professional services; and by the Director of Nursing, who has general supervision of both the nursing services and the School of Nursing.

Just as the people of Allentown raised the funds to establish the Hospital, so through the years the community which the institution serves has by the voluntary gifts of its people made possible its expansion, added to its endowment, and supported its current operations. Within little more than 10 years the people of the Lehigh Valley raised more than two million dollars for the expansion program that was climaxed with the completion of the new central building, erected and equipped at a cost of \$2,225,000. Within the past year they contributed nearly \$1,500,000 more to build another unit that will enlarge several existing departments and provide facilities for certain psychiatric patients and a rehabilitation center. The Hospital's present buildings represent an investment of more than five million dollars. Its endowment totals \$656,000, and it receives substantial support from other trusts including the Estate of General Harry C. Trexler and the Estate of George B. F. Deily.

In every sense of the word, the Allentown Hospital is a privately supported community hospital — an institution of which the community it serves is intensely proud.

#### EDUCATIONAL OPPORTUNITIES

Although restoration of the health of the sick and the injured, regardless of their race, color, creed or condition is the prime responsibility of the Allentown Hospital, the administration and staff attach almost equal importance to the Hospital's function as an educational institution cooperating with the nation's medical schools in maintaining a reservoir of trained physicians, surgeons, surgical specialists and nurses. It is one of the comparatively few hospitals in Pennsylvania with educational programs approved by the Council on Medical Education and Hospitals of the American Medical Association, by the American College of Surgeons and by the Pennsylvania State Board of Medical Education.

Since 1902, when the late Dr. William A. Hausman, Jr., became the Hospital's first interne, it has participated in the training of nearly 400 internes and almost 100 residents. More than half of them have established practices within the service area of the Hospital.



Each interne and resident has a private room such as this on the sixth floor of the new building. The entire floor is reserved for internes and residents.

The Allentown Hospital was among the first in Pennsylvania to be recognized as an interne training center when the State Board of Medical Education and Licensure in 1912 required graduates of medical schools to serve a period of interneship before becoming eligible to practice their profession in the State. Its standards and practices, the outstanding qualifications of its staff, its carefully regulated and supervised educational programs, its broad diversification of service and its many admissions for every type of care won for it the approval of the Council on Medical Education and Hospitals for the training of internes and for the further training of residents, and the approval of the American College of Surgeons for graduate training in surgery or a surgical specialty.

Its program provides a full year of rotating interneship for fourteen medical school graduates, four years for surgical residents in the graduate training division; four years for graduate training in pathology; three years in obstetrics and gynecology; three years each for graduate training in medicine, plastic and reconstructive surgery, urology, and proctology.

There also are opportunities for a limited number of junior internes during medical school vacation periods.

Under the rotating plan approved by the Pennsylvania State Board of Medical Education and Licensure, internes gain experience in all fields of Hospital service. Working in clinics and wards, always under the supervision of department chiefs and their associates, the internes serve two months each in surgery, in medicine, in obstetrics and gynecology, in pediatrics, and in the pathological laboratories. They also are trained in the Hospital's emergency ward, in the X-ray Department, in the contagious disease section, in the Anesthesia Department, and in the other surgical and medical specialties. They have the privilege of studying and examining all cases on ward service and have definitely assigned time for laboratory procedures. They make rounds twice daily with their department chiefs and work with them in many areas.

Internes and residents attend weekly clinical conferences held by the staffs of the Departments of Surgery, Radiology, and Pathology and the semi-monthly clinical conferences of the Medical, Obstetrical-Gynecological, and Pediatric Departments. They participate in monthly staff conferences and prepare at least one original paper for The Journal, a quarterly publication of the staff.

All internes are selected by a committee of the Hospital Staff and are approved by the Board of Trustees. They are chosen from the graduating classes of the nation's top ranking medical schools. Under present regulations they serve from July 1 to June 30. Their training is planned and supervised by a special committee of the major staff that meets regularly to counsel them, help solve their problems and evaluate their work.

Because the number of internes and residents at the Allentown Hospital is comparatively small, all of them enjoy close personal and professional relationships with the department heads and associates who guide their training and with other members of both the major and auxiliary staffs.

Internes and residents have unusually pleasant and comfortable quarters on the sixth floor of the new building, reserved for their exclusive use. Facilities of the floor include 20 single rooms, all of them with their own adjoining and communicating baths, and a spacious lounge and recreation room. The medical library, staff reading room, conference rooms, auditorium, laboratories and operating rooms are on another floor in the same building.

Conveniently located apartments are available for married internes and residents who prefer living outside the Hospital.

Social activities and privileges enjoyed by the staff are shared with internes and residents. There are several planned activities each year and there are many informal gatherings at which individual staff members are hosts.



The Pathology Department has a series of adjoining laboratories, each of them designed and equipped for specific procedures.

Stipends and other allowances for internes and residents are in keeping with the area pattern.

Medical students interested in serving interneships at the Allentown Hospital and those qualified for graduate residencies are invited to visit the Hospital and confer with the Interne Committee and other staff members.

Communications should be addressed to Orlando M. Bowen, Superintendent, The Allentown Hospital, 17th and Chew Streets, Allentown, Pennsylvania.

Other important phases of the Hospital's educational program are its School of Nursing, its Graduate School of Anesthesiology, and its School of Medical Technology.

The School of Nursing was established in 1899, just six months after the Hospital was opened. Through the years it has offered constantly expanding educational opportunities to those who seek the lifelong satisfaction of service and experience in what ofttimes has been called the most noble profession of them all. The three year course in the theory and practice of nursing is approved by the Pennsylvania State Board of Nurse Examiners and the School has been granted temporary accreditation by the National Nursing Accrediting Service. It also meets the requirements of the American Red Cross Nursing Service.

Those who earn its diplomas are accepted for post-graduate study in hospitals in other teaching centers.

The School has its own modern building, complete with living accommodations for 225 student nurses, across the street from the main entrance to the Hospital. During the current year its student body includes 220 young women.

Of the more than 1,500 nurses the School has graduated, approximately half are still active in their profession in civilian or military hospitals where many hold supervisory posts, in school or community public health programs, in research or teaching, as aides to physicians and surgeons in their private practices, and as part-time or full-time private duty nurses on the registers of hundreds of hospitals across the country.

One of the auxiliary functions of the school is instruction for lay personnel joining the non-professional staff as Allentown Hospital Nursing Aides.

The School of Anesthesiology is another fully-approved teaching program offering a one-year course in anesthesiology to graduate nurses who wish to prepare for service in that specialty. Enrollment is open to both men and women.

In its program of public education, the Hospital staff conducts a series of forum-type programs designed to emphasize the strides modern medicine and modern hospitals have made in prolonging, the span of normal living. Programs covering specific diagnostic and therapeutic procedures are held monthly during the winter season.

## THE COMMUNITY

The Allentown Hospital is one of two general hospitals in a community with a population of 110,000, the sixth city in Pennsylvania and the center of an area whose diversified industries and agricultural pursuits support a high standard of living for a population of almost 400,000.

In every sense of the word, Allentown is a progressive American community with an excellent and healthful location, some 300 industries, comfortable homes, nearly 100 churches of practically every faith and denomination, splendid schools, outstanding retail stores that enjoy a national reputation and that attract customers from a 50-mile radius, fine utilities, splendid newspapers, spacious parks and recreational areas and many cultural groups and enterprises.



CRIPPLED CHILDREN'S CLINIC
The warm water pool in the Crippled Children's Clinic is used many hours every day.

On its borders are some of the nation's most fertile and well kept farms and orchards. Close by are smaller urban and rural communities that, like Allentown, are intensely proud to be bulwarks of the finest American traditions. Philadelphia is 53 miles to the South and New York 93 miles to the East. Within an hour's drive are the famed resorts of the Pocono Mountains. Temperatures vary from a Winter average of 29 degrees to a Summer median of 71. Cleanliness is a personal and community fetish.

Public school facilities range from kindergarten through high school, with a broad program of adult evening classes. There are three colleges in the city: Muhlenberg, a co-educational institution; Cedar Crest for women; and Eastern Pilgrim College, a school training religious workers. Five other colleges are located within a 17-mile radius.

In addition to its industries which include machinery, tools, trucks and buses, metal products, electronics, cement, textiles, and clothing, the city is a center of wholesale distribution. Transportation includes railroads, buses and three major airlines.

Because of the wide diversification of the city's industrial and commercial activities and their attendant services, the wife of an interne should have no difficulty finding pleasant employment in practically any field for which she may be qualified. The neighborly spirit of the community, its wide range of recreational facilities, its broad and varied cultural opportunities are conducive to pleasant living for individuals and families even during periods of restricted earnings.

Through the years, many who have been introduced to the community through their period of training at the Allentown Hospital, have remained to establish private practices. The fact that in recent years a quarter of the physicians in Lehigh County have limited their practices to specialties is evidence that there are many opportunities for the young physician both in a city and in an area that year after year note sharp population increases.

It is to this community that the Allentown Hospital belongs and it is the people of this community whom it serves.



One corner of a modern post-operative recovery room.

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#### Picnic

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1956 - 1957

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1957 - 1958

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Lourdes P. Zarsadias ... . Rotating

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X-ray facilities include units for highly specialized studies, such as this heart equipment.



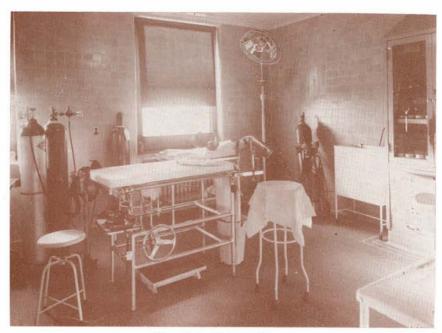


Operating room with observation gallery

# ANALYSIS OF HOSPITAL SERVICE

January 1, 1956 to December 31, 1956

	Patients	Patient		Auto	psies
Service	Discharged	Days	Deaths	No.	%
Medical	2,434	46,255	381	125	32.8
Surgical	2,926	30,364	105	44	41.9
Obstetrical	3,091	13,608	0		
Gynecology	1,096	8,978	7	4	57.1
Eye	280	2,179			
Ear, Nose and Throat	983	2,617	2	1	50.0
Urology	810	9,300	32	15	46.8
Orthopedic	1,030	15,432	28	11	39.2
Pediatric	716	6,909	9	6	66.6
Newborn	2,688	13,184	38	27	71.0
Neurosurgery	201	2,270	27	16	59.2
Psychiatric	271	3,998	0		
Dental		2,057	0		
Proctology		6,753	10	2	20.0
Plastic & Reconstructive Surgery	672	4,378	3	1	33.3
Neurology	116	2,444	2	1	50.
Total	18 768	170 726	644	253	39.2



One of the Delivery Rooms

# ANALYSIS OF DEPARTMENTAL SERVICE

January 1, 1956 to December 31, 1956

Operations performed	9,840
Laboratory examinations	270,576
Physio-therapy treatments.	23,184
Electro shock treatments.	1,654
Electroencephalograms	471
Electrocardiograms	5,610
X-ray pictures taken.	75,879
Deep therapy cases	2,529
Portals	3,282
Applications of radium	128

# OBSTETRICAL DEPARTMENT

January 1, 1956 to December 31, 1956

Admissions in First Trimester	180
Admissions in Second Trimester.	30
Admissions in Third Trimester	2818
Total Number of Deliveries	2727
Total Number of Males1387	
Total Number of Females1340	
Premature births	161
Neonatal deaths.	35
Stillbirths	28
Autopsies on stillbirths 10	
Sets of Twins	30
Caesarean Sections	114
First Caesareans	
Repeat Caesareans	

# PEDIATRIC DEPARTMENT

## Newborns

Total Number of Babies born at the Allentown Hospital	2727
Total Number of Males1387	
Total Number of Females1340	
Total Number of Premature Live Births, 5 lbs. 8 oz. or under	161
Total Number of Live Births Weighing 5 lbs. 9 oz. or more	2536
Total Number of Neonatal Deaths	35
Total Number of Stillbirths	28
Stillborns under 5 lbs. 8 oz 18	
Stillborns over 5 lbs. 9 oz 10	
Total Number of Twins (sets)	30

# **OUT-PATIENT DEPARTMENT**

# Clinic Visits

January 1, 1956 to December 31, 1956

Cardiac	349
Chest	245
Chiropody	594
Dental	677
Dermatology	48
Diabetic	636
Ear, Nose and Throat	104
Eye	504
Gastro-intestinal.	42
Gynecology	74
Immunology	479
Medical	1497
Neuro-Psychiatry	355
Orthopedic	1114
Pediatric	138
Plastic Surgery	2192
Pre and Post Natal.	187
Proctology	84
Receiving Ward	2716
Alcoholic Clinic.	290
Rheumatic Fever	90
General Surgery	2275
Swimming Pool.	4349
Tumor	533
Urology	145
Venereal Disease	259
Fractures	344
Hearing.	122
Diagnostic Plastic Surgery	124
Traumatic Surgery	1667
Endocrinology	78
Peripheral Vascular	77
Total	22 200