Hospital of Saint Raphael Annual Report, 1970

Hospital of Saint Raphael

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### IN-PATIENT STATISTICS:

<table>
<thead>
<tr>
<th></th>
<th>Number</th>
<th>Patient Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical and Surgical</td>
<td>11,283</td>
<td>120,322</td>
</tr>
<tr>
<td>Intensive Care Unit</td>
<td>436</td>
<td>3,934</td>
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<tr>
<td>Coronary Care Unit</td>
<td>329</td>
<td>1,150</td>
</tr>
<tr>
<td>Psychiatric</td>
<td>330</td>
<td>6,750</td>
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<tr>
<td>Pediatrics</td>
<td>1,963</td>
<td>8,189</td>
</tr>
<tr>
<td>Maternity</td>
<td>2,028</td>
<td>6,620</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>16,363</td>
<td>146,965</td>
</tr>
</tbody>
</table>

### OUT PATIENT:

- **Emergency Room**: 40,456
- **Clinic**: 22,971
- **Babies Delivered**: 1,828
- **Surgical Operations**: 8,855
- **X-Ray Examinations**: 54,705
- **Deep Therapy Treatments Including Isotope and Radium**: 14,015
- **Physical Therapy**: 25,116
- **Laboratory Examinations**: 599,166
- **Tissue Examinations**: 24,904
- **Electrocardiograms**: 16,779
- **Electroencephalograms**: 870
- **Prescriptions Filled**: 67,000

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The Hospital of Saint Raphael  
New Haven, Conn. 06511
Dear Friends:

I hope that you will take these "five minutes."

It is the first of several new publications that we intend to publish here at St. Raphael's, that you might be better informed of the services and future plans of your hospital.

It is your hospital! Though we of The Sisters of Charity, the Board of Trustees, and 1,665 dedicated employees may operate it; it is the continuing effort and interest of our friends that keep it going.

We, at this time, are not only embarking on a whole new expansion program; but instituting a policy of public education. Too long, according to our friends in the medical field, have we kept our light under a bushel. We have been pleased to be known solely for our care and compassion of patients which will remain our primary goal; but we have neglected to inform as to our medical excellence. We have innovated too many new medical programs, been ahead of our time in acquiring too much medical equipment, and been too eager to follow new but established medical practices to continue basking in quietude.

This is our first effort in our education program. We hope that it will provide you with information highlights. Further publications will expand various aspects.

Surely you know, that we of The Sisters of Charity thank you, and ask for God's Blessings for your continuing interest.

Sister Louise Anthony
Administrator

SOME STATISTICS

St. Raphael's has 1,665 employees, reflecting annual payroll and fringe benefits amounting to $11,434,712. This is 69.1 cents of every hospital dollar.

Total unpaid hospitalization during 1970 amounted to $2,988,065, to include Connecticut Blue Cross, Medicare, Welfare, Workmen's Compensation, Free Work, and Bad Debts.

In 1970 our volunteers contributed 37,363 hours. Since they perform a vital service we must contend that they have saved St. Raphael's $93,407.50 at the current hospital minimum of $2.50 per hour.

During this past year St. Raphael's Dietary Department prepared and served 635,811 meals.

Our laundry currently processes 2,600,000 pounds of laundry per year. Due, however, to obsolescence we have merged with four other nearby hospitals to form a laundry corporation. By virtue of this merger the collective hospitals will be saving approximately $1,000,000 in building and equipment costs.

MEDICAL STATISTICS

Babies Delivered ........................................ 1,828
Surgical Operations ..................................... 8,855
X-Ray Examinations ................................... 54,705
Deep Therapy Treatments including Isotope and Radium ........................................ 14,015
Physical Therapy ....................................... 25,116
Laboratory Examinations ......................... 599,166
Tissue Examinations ................................ 24,904
Electrocardiograms .................................. 16,779
Electroencephalograms ................................ 870
Prescriptions Filled ................................. 67,000
St. Raphael’s current capacity is 471 beds and 51 bassinets.
During 1970, a typical year, St. Raphael’s provided hospital care to 79,790 persons through its combined in-hospital and out-patient services. These include:

<table>
<thead>
<tr>
<th>Service</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of patients</td>
<td>16,363</td>
</tr>
<tr>
<td>Emergency Services</td>
<td>40,456</td>
</tr>
<tr>
<td>Out-Patient Clinic</td>
<td>22,971</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>79,790</td>
</tr>
</tbody>
</table>

The Hospital plant and equipment has a current evaluation of $24,580,000.
St. Raphael’s has a varying medical staff of approximately 500 physicians and surgeons plus a house staff of 70 residents and 30 interns. The hospital has 3,665 employees of which 800 are in nursing services to include Registered Nurses, Licensed Practical Nurses, Orderlies, Nurses Aides and Ward Clerks.

St. Raphael’s is a teaching hospital to include five accredited schools: Registered Nurses, Nurse Aid Training, Licensed Practical Nurses, Medical Technicians, Radiology Technicians, and Inhalation Therapists.

In early 1972 the Hospital will embark on an expansion program in which the Hospital will spend approximately $17,000,000 to replace and upgrade hospital facilities. This construction will consist of the development of a new core facility that will house the Pathology Department, Radiology Department, Surgical Suite, Out-Patient Clinics, Dietary and Cafeteria facilities, an 18 bed Intensive Care Unit, and 96 general medical-surgical beds. The Hospital will also begin in mid-1971, at a cost of $2,000,000, the construction of a new heating and cooling plant to serve the existing St. Raphael’s and St. Joseph Pavilion as well as the new building. By mid-1972, shortly after groundbreaking for the new facility, the hospital will begin construction of a 400 car Parking Garage. It is anticipated that this construction will be completed by January 1975.

**GENERAL INFORMATION**

**SPECIAL SERVICES**

Acute-Adolescent Crisis Unit for Treatment and Evaluation A relatively new concept in mental health care for young adolescents between the ages of 11 to 15 years is offering psychiatric emergency services to adolescents both on an in-patient and an out-patient basis. Immediate intervention on a short-term basis will be the basic approach to treatment. It will be the first demonstration of its kind in Connecticut of two completely independent agencies, a Community based child guidance clinic and a general hospital, working cooperatively together, each making its individual contributions to a partial resolution of a very serious need.

Cardiovascular Laboratory has been in operation for over a decade. It has recently been completely renovated with the installation of the most modern radiographic equipment designed for the performance of cinecardioangiography.

The laboratory is used for the examination of patients with complex forms of cardiovascular disease, allowing for more precise diagnosis of the patient’s disorder. This permits the most exact therapy to be applied and helps determine the patient’s need and suitability for cardiac surgery.

The techniques employed in the Cardiovascular Laboratory are those of measurements of intravascular and intracardiac pressure, all forms of angiography and cinecardiography and coronary arteriography, as well as determination of blood flow and function of the heart muscle.

Coronary Care Unit is a four-bed Unit which was opened in July of 1965 with the help of a substantial grant from the National Institute of Health. It is staffed by specially trained nurses. A resident physician is on
duty in the Unit during the night. Adjacent to the Coronary Care Unit is a 16-bed post coronary care floor where patients are moved, usually after four days, and where they spend the rest of their 21 days of hospital care under close supervision of a specially trained nursing and house staff.

The Coronary Care Unit is equipped with the most modern electronic equipment which monitors each patient in his room and monitors centrally at the nurses station; plus similar central monitoring in four more rooms on the post coronary care floor. This monitoring permits more careful observation of the more critical patients and also permits central monitoring of four more new patients in case of lack of space in the Coronary Care Unit. Since the opening of the Coronary Care Unit the death rate from myocardial infarction has been cut in half, particularly by avoidance and rapid treatment of fatal abnormal rhythm of the heart which is so commonly found in this disease.

Diagnostic Radiology The department is equipped to do the most sophisticated special procedures, e.g. coronary arteriography in addition to the routine radiographic examinations performed in most hospitals.

Hemodialysis Unit A Hemodialysis program — the treatment by machine of chronic kidney disease — was undertaken for the first time at the Hospital of St. Raphael in March of 1970, and is coordinated with the statewide hemodialysis-transplant program.

The purpose of the Hemodialysis Unit is to rehabilitate the patient to the fullest extent of his capabilities through acute and chronic hemodialysis, renal transplantation or by teaching and preparing the patient for home dialysis.

Department of Pastoral Care is a very special sign of St. Raphael’s deep concern for total patient care. Its staff of priests, sisters, ministers, divinity students, and a rabbi visit each patient admitted to the Hospital, Emergency Room, clinics and Radiation Therapy Center in a sincere attempt to be sensitive to whatever their needs might be. The office is also a communication center for the Hospital and its staff. Whenever unusual problems arise beyond the physical needs of patients, the Department is ready and willing to help. The office also acts as a liaison between St. Raphael’s and the community clergy. Every clergymen is immediately notified by mail whenever a parishioner enters the Hospital. A computerized system listing patients by parish or congregation is available to all priests, ministers, and rabbis to facilitate their visit to the Hospital.

Hematology Section. Since all of the current useful chemotherapeutic agents, both proven and investigative type, available anywhere in the world are used at the Hospital of St. Raphael, a significant contribution is being made here to the progress in the treatment of leukemia, lymphoma and other malignant diseases. These special interests of the Hematology Section and others in the Medical Staff at the Hospital and a close working arrangement with the Department of Pharmacology at Yale, is resulting in an even wider expansion of research in this field and the promise of greater accomplishments in the future.

Gastric Secretion Laboratory. A laboratory for special studies of gastric secretion in ulcer patients and in patients with other forms of gastric pathology is operated under the auspices of the Department of Surgery. The results of these studies aid in the selection of specific types of surgery for certain ulcer patients
and are also of aid in the detection of unusual types of gastric abnormalities.

Neurosurgery. This section is collaborating with the Department of Radiology in the preparation of an atlas on anatomic studies of the fetal skull. In the preparation of this work, a large quantity of anatomic and radiologic material has been accumulated. This effort is funded by the Commonwealth Fund.

Cardio-Thoracic Surgery. In cooperation with the Departments of Cardiology and Radiology, a study is being conducted in the treatment of complications of coronary artery disease, including coronary re-vascularization and excision of malfunctioning portions of the ventricle. In the same line, a study is under way to evaluate the rate of blood flow in aorta-to-coronary artery venous grafts.

Otolaryngology. A method of ossicular chain reconstruction in patients with congenital deformity of the bones of the middle ear is being evaluated. Original research in the construction of specific camera devices for intracavitary photography is also being pursued as well as evaluation of the adaption of eye cameras for use in ear drum photography.

Alcoholics Anonymous. The Hospital has shown its interest in the people Alcoholics Anonymous serves by combining efforts to establish such a group and conduct weekly meetings here at the Hospital. The meeting is open to patients, personnel and members of
the community who have a desire to attend. It is held every Thursday evening at 8:00 p.m. in the Staff Assembly Room.

**Infectious Diseases Section** offers consultation in the diagnosis and management of infections and fevers of patients receiving medical care at the hospital.

Research is being carried out in evolving a method for the rapid diagnosis of infections using gas chromatography and a study of respiratory infections.

**Department of Physical Medicine and Rehabilitation** treats in-patients and out-patients of all ages and categories of illness as referred by their attending physicians. While most patients receive physical therapy, occupational therapy — specifically to improve hand function — is also available. Additions are being made now to the newer occupational therapy section. Therapists are all licensed.

Post-acute in-patient care is arranged by transfers to local rehabilitation facilities. Appropriate out-patients are referred to vocational testing and counseling, special schooling, speech therapy, recreational therapy — often swimming with a handicapped group — automobile driver training and licensing, physical therapy or occupational therapy in or near home, etc.

Other specific services of the Department include electrophysiological testing (as many patients have neuromuscular problems), a regularly meeting amputee clinic, bracing and splinting services and a recently intensified chest physical therapy program. A weekly in-service session is augmented by attendance of the therapists at conferences, meetings and special courses. Regular lectures by the staff to new employees, nurses, student groups, etc. cover the fields of body mechanics, proper patient positioning and help with transferring and ambulation, etc.

**Pulmonary Diseases and Inhalation Therapy** The Department runs and coordinates a Clinical Pulmonary Laboratory for the diagnosis and treatment of patients with respiratory disease. The various tests include lung compliance, arterial blood gases, gradients for oxygen and carbon dioxide as well as diffusion testing, alveolar ventilation and nitrogen washout procedures.

The Medical Chest Clinic meets for the follow ups on an out-patient basis of respiratory patients. The Inhalation Therapy Section utilizes all the latest forms of oxygen and aerosol techniques together with the use of four different types of volume-controlled respirators and Bennett IPPB machine.

**Radiation Therapy Center** provides both four million volt linear accelerator and cobalt-60 megavoltage treatment; radium and isotope therapy; and deep and superficial x-ray therapy for treatment of patients suffering from cancer and allied diseases.

**Radioisotope Facilities** Located in the Radiation Therapy Center, provides all visual isotope tests and scans. The equipment includes a gamma camera, rectilinear scanner, well counters, and dual probe scintillation detectors.

**The Coronary Care Unit** has acted as a teaching unit for approximately 300 nurses from all over the country as well as 90 physicians from Connecticut and New Hampshire under United States Public Health and Connecticut Regional Health grants. It is presently embarking on a new teaching program which will educate doctor-nurse teams that they might return to their respective communities and teach intensive coronary care to local nurses and physicians.
The Department of Pastoral Care sponsors its own year-round program of inservice education and participates in the teaching efforts of other departments in the Hospital. It is an accredited center for clinical pastoral education and provides a learning opportunity for theological students and clergymen of every faith who come to St. Raphael's from many parts of the country. The program tries to develop in clergymen a deeper awareness of the theological and psychosocial concerns of persons in crisis. It offers an eleven week summer training, as well as a full year of residency.

The Department of Pastoral Care in conjunction with the Psychiatric Staff of the Hospital also makes available to the clergymen of the greater New Haven Area programs of continuing education in pastoral care and counseling, specifically designed for those working in a parish context.

The Department is involved in the teaching of student nurses, the Orientation Program for all new employees, the Hospital's Inservice Continuing Education Program, the Licensed Practical Nurse Course, and the Coronary Care Training Center.

School of Radiologic Technology. Both men and women are eligible for the program. Student technologists spend 44 hours a week at the hospital for a 24 month period. During this time, the student is exposed to a concentrated course of study in the classroom together with practical training with patients. Satisfactory completion of the program qualifies the student for examination and membership in the American Registry of Radiologic Technologists.

DEPARTMENT OF PATHOLOGY

Residency Program A fully approved, four-year residency in Anatomical and Clinical Pathology preparing for the American Board Certification Examinations in Pathology.

School of Medical Technology in which twelve college seniors, or graduates receive twelve months hospital training admitting them to the examination for certification as Medical Technologists by the American Society of Clinical Pathologists. The school is affiliated with University of Connecticut, Quinnipiac College, and Salve Regina College of Newport, Rhode Island; however, students of many other colleges and universities are accepted.

School of Cytotechnology Student Cytotechnologists who have completed two college years and six months formal training in a School of Cytotechnology are accepted for a six months to one year hospital experience in preparation for certifying examinations in Cytotechnology by the American Society of Clinical Pathologists.

Licensed Practical Nurse Education cooperates as an affiliating hospital, with the Connecticut Department of Education at Eli Whitney Technical-Vocational School. Thirty students spend eight months of instruction and clinical practice at the hospital before graduation.

The School of Nursing was founded at St. Raphael's in 1908. It now has approximately 100 students in the three year course. In 1969 it was accredited again for a period of seven years by The National League of Nursing.
DEPARTMENT OF PULMONARY DISEASES
AND INHALATION THERAPY

School of Inhalation Therapy
Approved two year school in affiliation with Quinnipiac College for the training of Inhalation Therapists. After graduation students are entitled to advancement to ARIT (American Registry of Inhalation Therapy).

Technician School
This is a one year program for the training of Inhalation Therapy Technicians. Completion of this school does not confirm advancement to ARIT unless further schooling is undertaken.

Pulmonary Residency Program
This is a one or two year program designed to teach the fundamentals of pulmonary physiology. Intensive care treatment of patients on respirators — use of volume and pressure-cycled machines, as well as the diagnostic and therapeutic approach to patients with pulmonary disorders. Also, throughout the year residents from surgery and anesthesiology rotate through the department for respiratory care training.

Medical School Elective
An elective for medical students of Yale University School of Medicine offered twice a year in this department. The course encompasses the clinical and physiological training aspects of respiratory disorders as well as the fundamentals of the various respirators.

THE HOSPITAL OF ST. RAPHAEL is approved by:
The Joint Commission on Accreditation of Hospitals
The Connecticut State Department of Health

THE HOSPITAL OF ST. RAPHAEL is a member of:
The American Medical Association
The American Hospital Association
The Catholic Hospital Association
The New England Hospital Assembly
The American College of Physicians
The American College of Surgeons
The International Hospital Association
The Council of Teaching Hospitals, Association of American Medical Colleges
National League for Nursing
American Nurses Association
here is the annual report of The Hospital of Saint Raphael for 1970 combined with a brochure entitled, "5 Minutes", Take the minutes — it is such a small amount of time — and you will find yourself much more informed as to the capabilities of your hospital . . .
BOARD OF TRUSTEES
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Most Rev. Joseph F. Donnelly, D.D.
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Sister Margaret Richard
Sister Maria Lucia
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Mr. John W. McDevitt
Mr. Ralph A. Spang
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Mr. John M. Golden

1970 FINANCIAL REPORT

<table>
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<tr>
<th>DISPOSITION OF EACH DOLLAR</th>
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<tr>
<td>EMPLOYEES SALARIES &amp; BENEFITS</td>
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<td>SUPPLIES &amp; EXPENSES</td>
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<td>INTEREST &amp; REDUCTION OF MORTGAGE</td>
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<tr>
<td>ADDITIONS TO BUILDINGS AND EQUIPMENT</td>
</tr>
<tr>
<td>FUTURE EXPANSION PROGRAM</td>
</tr>
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</table>

$16,188,283

*These figures do not include the invaluable services rendered by the Sisters of Charity of St. Elizabeth or the Hospital's Volunteers.

*Gross Income (less contractual allowances and uncollectable accounts.)

EMPLOYEES SALARIES & BENEFITS $11,434,712 69.1¢
SUPPLIES & EXPENSES (Food, drugs, heat, light general insurance, etc.) 3,511,567 21.2¢
INTEREST & REDUCTION OF MORTGAGE 357,355 2.2¢
ADDITIONS TO BUILDINGS AND EQUIPMENT 527,566 3.2¢
FUTURE EXPANSION PROGRAM 720,000 4.3¢
here is the annual report of The Hospital of Saint Raphael for 1970 combined with a brochure entitled, "5 Minutes Take the minutes — it is such a small amount of time — and you will find yourself much more informed as to the capabilities of your hospital..."