

Advice to Authors: Henry Ford Hospital Medical Journal

The Editorial Board of the *Henry Ford Medical Journal* welcomes papers for review and possible publication from any former or present staff member of Henry Ford Hospital. The Journal is intended to be a broad scientific forum for all areas of interest at Henry Ford Hospital: clinical, research, technical, administrative, patient care delivery. Papers are invited on a wide range of topics: review articles, research studies, case reports, philosophical discussions and theses, abstracts of staff publications in other journals.

Style of writing should be consistent with good English usage: clear, succinct, and correct. Papers accepted for publication are subject to editing and revision, if needed, with the author's approval. Within these limits, individuality will not be restricted. All papers submitted should meet the following guidelines:

1. Three copies of the manuscript are required, with the author keeping at least one more. One submitted manuscript should be the original and the other two dry copy (i.e., Xerox). One complete set of original black and white illustrations must be submitted with the three copies of the manuscript, and the author must have available, if needed, at least one complete duplicate set of illustrations. Dry copies of the illustrations should be included with the two copies of the manuscript.
2. All parts of the text, including case reports and references, should be typed double- or triple-spaced with ample margins.
3. All figures and tables should be submitted camera-ready, wherever possible. If illustrations cannot be reproduced in their original size, desired "cropping" should be shown or reduction considered.
4. Layout of the textual presentation and number of illustrations are left to the author's discretion, within reasonable limits.
5. *Dorland's Medical Dictionary*, Webster's *Third International Dictionary*, and the *Editorial Manual* (6th ed.) of the American Medical Association are the standards used, with titles as abbreviated by *Index Medicus*.
6. References should be in numerical rather than alphabetical sequence, according to the order of their appearance in the text, and in the following form:
 1. Swinger GA and Quince PD: Oxadolic levels in the newt bladder, and their clinical significance. *Ann Sci*: **42**:121-35, 1967.
 2. Burns JG: *Principles of Dermatology*, ed 3. New York, McGraw-Hill, 1968, pp 31-44.
7. The author is responsible for the accuracy of all references.
8. Acknowledgments of grant support should be indicated in an initial footnote, with the departmental and divisional affiliations of the author(s) also supplied in the same note.
9. A summary / abstract, i.e., a 150-200 word statement of purpose and conclusions, should be provided for use with the paper.
10. A short list of key words should be furnished for indexing the paper in the Journal's Annual Index published in each Winter issue.

One hundred reprints will be made available without charge to the authors of each paper published. Reasonable requests for additional reprints made when the paper has been accepted for publication will be honored if possible.

Continuing Medical Education at Henry Ford Hospital

Henry Ford Hospital is accredited by the American Medical Association and the Michigan State Medical Society. All courses listed below qualify for Category I AMA/PRA credit. A variety of special postgraduate courses and regularly scheduled departmental conferences are designed to meet the needs of the community physician as well as those practicing in specialty areas. Individual course brochures are mailed six to eight weeks before each program. Further information can be obtained from:

Office of Medical Education
Henry Ford Hospital
2799 W Grand Blvd.
Detroit, MI 48202
(313) 876-1464

1980 Postgraduate Courses

February and September, 1980

Advanced Cardiac Life Support

The purpose of these workshops is to train and certify physicians and other appropriate health care providers in advanced life support. Registrants must pass all eight performance stations and the written examination with a minimum score of 85% to be certified.

Audience: Physicians, nurses, emergency medical technicians and all other health care personnel providing advanced cardiac life support

Course No: 35800

March 15, 1980

Genetic Disease in Clinical Practice

Application of the principles of inheritance to the evaluation and management of potential genetically determined morbidity and mortality in patients and their offspring will be reviewed. Attendees should be more aware of modern approaches to treatment of genetic disease and options for coping with high recurrence risk.

Audience: Primary Care Physicians

Course No: 35828

March 22, 1980

Radiation Therapy in Everyday Clinical Practice

Registrants will be updated and/or familiarized with the role of radiation therapy in cancer, the evaluation of the cancer patient for radiation, the state of the art and its limitations, general support and care of patients receiving radiation, as well as new developments in radiation.

Audience: All physicians who diagnose and/or manage patients with cancer

Course No: 35829

April 11, 1980

Perspectives in Pediatrics and Pediatric Surgery: Second Annual Postgraduate Course

April 19, 1980

Violence in the Family

This program will address the growing recognition of violence in our society as manifested within the home. Registrants should have an increased awareness of the types of violence expressed in the family and recognition and appreciation of consequences. Early intervention will be stressed. The types of treatment and services available for victims of domestic violence will be discussed.

Audience: Primary Care Physicians, Emergency Medicine Physicians, other health care providers

Course No: 35830

May 15-16, 1980

Fine and Large Needle Biopsy of Thyroid Nodule: Cytohistologic Correlation

Participants will have ample opportunity to review a large number of cases to become more familiar with cytohistologic features of cold thyroid nodules. Techniques of procedure, its application and use, as well as pitfalls in the diagnosis, will be discussed. Kodachromes will be mailed to participants in advance. Apre and post test will be administered.

Course No. 35838

May 30-31, 1980

Neurology Update

The course is designed to provide insight into new developments in neurology and neurosurgery. The neurologic examination and diagnosis will be emphasized.

Audience: Primary Care Physicians

Course No. 35820

1980 CME Programs

June 14, 1980

Renal Manifestations of Systemic Diseases

Major systemic disorders which produce renal disease will be reviewed. Approaches to be discussed will include that used in patients with a known systemic illness to determine the presence or absence of renal involvement and that used for a given renal abnormality in order to establish if a systemic illness is a causative factor.

Audience: Primary Care Physicians, Internists
Course No: 35831

July 21-25, 1980

American College of Physicians: MKSAP Review Course

A review course in medicine based on the American College of Physicians MKSAP V course.

Audience: Primary Care Physicians, Internists
Course No. 35832

September 27, 1980

What's New in the Chest

The course is designed to give a general review of recent developments in cardiac and thoracic surgery. Coronary artery bypass, valvular heart disease, congenital heart disease, carcinoma of the lung and diseases of the esophagus will be covered.

Audience: General Surgeons, General Practitioners, Internists
Course No. 35833

November 15, 1980

Pulmonary Emergencies

This day-long conference deals with the presentation, diagnosis and treatment of a wide variety of pulmonary emergencies, both medical and surgical.

Audience: Primary Care and Emergency Care Physicians, other health care professionals who manage acute respiratory difficulties
Course No: 35834

December 6, 1980

The Cancer Patient: An Interdisciplinary Approach

The course will review the multiple modality approach to treatment and focus on the selection of patients who may benefit from current multiple treatment capabilities in various solid tumors and hematopoietic malignancies. The status of investigational methods of treatment including adjuvant therapy, radiosensitizers and hyperalimentation will be presented. A panel will discuss the role of surgical reduction of tumor bulk.

Course attendees are invited to present cases to the faculty and to submit topic suggestions in advance to the Medical Education Office.

Audience: All physicians managing adult cancer patients
Course No: 35835

Tutorial Programs

Cardiology

The tutorial is designed to provide a clinical refresher course. Registration is limited to six physicians. In addition to informal rounds and discussions with the staff, seminars in related areas of interest will be held. A broad area of subject material will be discussed including pharmacology of anti-arrhythmic agents, diuretics, hypertensive therapy, coronary angiography and others. The tutorial will be held on the following dates: February 4-8, 1980 and April 14-18, 1980. Reservations are required before the course.

Credit: 40 hours, Category I
Fee: \$300.

Neurological Disease

This experience is an individually arranged tutorial designed to meet the needs of the primary care physician.

The program will include an opportunity to review neurologic disease assessment; the neurologic exam; the management of the patient with head, spine, and peripheral nerve trauma; back pain, diagnosis and management; headache evaluation; evaluation of skull and spine x-rays; differential diagnosis, management and treatment of stroke syndrome; the comatose patient; neurological problems in practice; etc. There will be an opportunity to see

common neurosurgical procedures and to learn how to place a burr hole, if you wish. You will see a variety of neurologic problems on ward rounds. An exposure to what is new in neurology and neurosurgery including cerebral revascularization, transnasal hypophysectomy for pituitary tumors, peripheral nerve grafting, percutaneous procedures for tic and cordotomy. Evaluation and management of neurologic problems in the outpatient clinic can be obtained daily. Experience in other areas you desire will be arranged. Inquiries are welcome. The schedule and time can be arranged at your convenience; three to five days attendance would be optimal.

Credit: Category I credit will be granted on an hour-for-hour basis.

Pediatrics

This tutorial is designed to update the skill of the practicing pediatrician or family physician caring for children. The participant will attend in-patient rounds, scheduled didactic lectures, and staff teaching sessions. Time will be spent in the Department of Pediatrics as well as in pediatric subspecialties if desired.

Credit: 40 hours, Category I
Fee: \$200.

Departmental Conferences and Seminars

The 34 conferences and seminars listed below are approved for Category I credit. These conferences are a convenient way to accrue the credit hours needed for relicensure in the state of Michigan.

Allergy and Immunology Seminars

This conference is designed to update practicing allergists and clinical immunologists on many current topics. Recent discoveries in the diagnosis, understanding and treatment of human immunological disorders are discussed.

Dr. J. Anderson
(313) 876-2657
Fridays, 8:30-10:00 A.M.
Credit—1½ Hours

Anesthesiology Conference

Participants will be provided with information on recent advances in anesthesiology to help in improving their general level of performance. Those preparing for certification as well as nurse anesthetists and rotating personnel are encouraged to attend.

Dr. F. Cookinham
(313) 876-2544
Tuesdays and Fridays, 7:00-8:00 A.M.
Credit—1 Hour

Bone and Mineral Conference

Selected cases of unusual or diagnostic and therapeutic problems in bone and mineral metabolism are discussed as well as diseases which have disturbances in bone and mineral metabolism. The conference is planned for practicing internists and primary care physicians who treat patients with these problems.

Dr. B. Frame
(313) 876-2373
Wednesdays, 4:30-5:30 P.M.
Credit—1 Hour

Chest Conference

Early and accurate diagnosis of important chest diseases is emphasized. The clinical, laboratory, and radiographic findings in selected cases are presented. Once monthly, a staff pathologist correlates gross and microscopic material with cases. Discussion following each presentation fosters an interdisciplinary approach to diagnosis and management. The conference is directed toward practicing physicians and residents in pulmonary medicine, thoracic surgery and diagnostic radiology.

Dr. G. Beute
(313) 876-1331
Wednesdays, 4:30-5:30 P.M.
Credit—1 Hour

Clinical Cardiology Conference

A wide variety of topics in pathophysiologic, clinical and therapeutic aspects of cardiac care will be reviewed. The conference is directed to an audience of internists, cardiologists, and residents.

Dr. F. Khaja
(313) 876-2760
Fridays, 8:15-9:15 A.M.
Credit—1 Hour

Clinical Neuroscience Conference

Visiting scholars of the Department of Neurological Surgery and Neurology present a 20-30 minute lecture in an area of general interest at one conference each month. Materials are presented using photographs of gross and microscopic sections and with references to the most recent literature. This conference offers a forum for the neurologists and neurosurgeons in this and the three adjoining counties to present interesting and instructive materials.

Dr. J. Ausman
(313) 876-2244
First and third Thursdays each month, September-June
7:00-8:30 A.M.
Credit—1½ Hours

Clinical Pathology Conference

This conference allows the practicing physician an opportunity to update his/her knowledge on the diagnosis, management, and pathologic basis of various disease entities. Illustrative cases are chosen by a committee of physicians from numerous specialties. The clinical and pathologic aspects of the subject are reviewed by a selected discussant(s) with expertise in that area, followed by an informal question and answer period.

Dr. G. Fine
(313) 876-2353
Every other Friday 12:00 Noon, September-May
Credit—1 Hour

Computerized Tomography Seminars

This seminar is designed to improve CT scan technically, relate scanning to applicable clinical situations, improve early and accurate diagnosis, and improve patient management. Participants displaying a scan will describe his/her technique and discuss diagnostic possibilities. Some of the topics will include physics of CT scan, technical innovations, diagnosis of lesions involving thorax, GI, GU, neck and musculoskeletal systems.

Dr. S. Gross
(313) 876-1331
Call for dates
Credit—2 Hours

Diagnostic Radiology Lectures

Experts in various subspecialty areas of radiology from other institutions will present new diagnostic findings and imaging methods. In addition to the lecture, the guest will have opportunities to exchange views with members of the Department of Diagnostic Radiology on a personal or small group basis. Application of this information in daily practice should aid in improved diagnosis and patient care.

Dr. G. Beute
(313) 876-1331
Call for dates
Credit—1 Hour

Fluorescein Conference

This conference stresses the study of ocular fundus with emphasis on fluorescein angiography of diseases and other conditions affecting the retinal vascular system and the macula. This information will be valuable to the practicing general ophthalmologist.

Dr. P. Murphy
(313) 876-3244
Tuesdays, 8:00-9:00 A.M.
Credit—1 Hour

Gastroenterology / Surgery / Radiology / Pathology Grand Rounds

This conference provides a forum for four separate disciplines of medical science to share their mutual interests and problems. Two recent cases are selected for presentation, pertinent data are reviewed, and newer developments are discussed.

Dr. S. K. Batra
(313) 876-2404
Tuesdays, 4:30-5:30 P.M.
Credit—1 Hour

Hematology Grand Rounds

The objective of this conference is to review and update knowledge of clinical, laboratory, and therapeutic procedures of hematology, hemostasis, immunohematology and related areas. It is designed to provide historic, current, theoretical and investigative knowledge for physicians.

Dr. S. Saeed
(313) 876-1573
Wednesdays, 8:00-9:00 A.M.
Credit—1 Hour

Immunology Conference

This conference is designed as a concise overview and update of general and clinical immunology. It includes two laboratory sessions.

Dr. J. Anderson
(313) 876-2657
Wednesdays, September 12-December 19, 1979
8:00-9:00 A.M.
Credit—1 Hour

Infectious Disease / Microbiology Seminar

This seminar brings together the clinical skills of the internist specializing in infectious disease with the laboratory skills of the clinical microbiologist. Its purpose is to present current clinical infectious cases stressing both clinical and laboratory diagnosis as well as management and current literature reviews of each subject. The target audience includes staff and house officers from many disciplines including Internal Medicine, Pathology, Pediatrics and Surgery.

Dr. E. Quinn
(313) 876-2565
Wednesdays, 12:00 Noon
Credit—1 Hour

Management Problems in Clinical Endocrinology

In this weekly conference the diagnostic features, disordered functions and the methods of management of current patients with endocrine disease are discussed. Two patients are presented at each conference. Disorders of endocrine gland function are the subject of most programs, but patients with other conditions, such as metabolic bone disease, diabetes mellitus or other primary disorders which may affect endocrine function (e.g. uremia), are also discussed. The conference is geared to the needs of practicing internists and house officers in internal medicine.

Dr. R. Mellinger
(313) 876-2096

Tuesdays, 4:30-5:30 P.M.
Credit—1 Hour

Medical Grand Rounds

This conference is designed to provide practicing physicians with a challenging update of information pertinent to the practice of internal medicine and its subspecialties. Periodically, the conference focuses on an interdepartmental topic or information from the basic laboratory with a direct or potential influence on the quality of medical practice. The major focus involves the presentation of case material followed by a formal review of the subject with sufficient time for questions and answers. The conference is based on the premise that medical practice is an aspect of human biology and a scientific field with a rapid turnover of ideas and knowledge. The importance of bedside technique and the application of improvement in understanding the natural history of disease, a knowledge of drug interactions and pharmacokinetics, and the application of newer technologies are continually emphasized.

Dr. T. Killip
(313) 876-1828
Thursdays, 8:00-9:00 A.M.
Credit—1 Hour

Metabolism Conference

The objective of this weekly conference is to review, analyze and call attention to both the newer and the traditional aspects of diagnosis and management of diabetes, hypertension, hyperlipidemia, obesity and related abnormalities. Other areas of internal medicine, surgery, and surgical subspecialties are also discussed as appropriate. A selected patient's problem is often used as a case-in-point to start the discussion.

Dr. F. Whitehouse
(313) 876-2131
Thursdays, 4:30-5:30 P.M.
Credit—1 Hour

Mini Grand Rounds

Selected clinical cases are presented followed by a review of the subject and discussion with invited subspecialists. The conference is planned for internists and house officers in internal medicine.

Dr. J. Rival
(313) 876-1895
Tuesdays, 8:00-9:00 A.M.
Credit—1 Hour

Nephrology Seminar

Presentations deal with significant topics in nephrology and hypertension. Physiology, pathology, clinical aspects and therapeutics of renal disease, hemodialysis, transplantation and hypertensive disorders are presented through reviews of the literature, recent advances, or case discussions. Target audience includes staff and fellows in the Division of Nephrology and all others interested in nephrology.

Dr. N. Levin
(313) 876-2711
Mondays, 4:30-5:30 P.M.
Credit—1 Hour

Obstetrics and Gynecology Weekly Seminar

This conference updates management concepts for many conditions involving obstetrics and gynecology. Visiting faculty with expertise in selected areas are scheduled approximately once a month in addition to departmental case presentations.

Dr. B.H. Drukker
(313) 876-2464
Thursdays, 2:30-5:30 P.M.
Credit—3 Hours

Oncology Seminar

Designed for staff oncologists and community physicians, the course concentrates on basic science and research problems and covers topics of current interest as well as general review. Guest speakers present in-depth reviews in their related fields. A monthly patient care conference attended by staff of Medical Oncology and Therapeutic Radiology is designed to discuss clinical applications of recent scientific advances.

Dr. R. Talley
(313) 876-1866
Fridays, 8:00-9:00 A.M.
Credit—1½ Hours

Ophthalmology Seminar

The seminar is designed to review timely subjects in ophthalmology and to present new ideas and techniques. Subjects are presented by both members of the senior staff of the Department of Ophthalmology and by ophthalmologists from outside institutions. Physicians outside the field of ophthalmology are also invited occasionally to present subjects strongly related to ophthalmology. Subjects are planned so that over a two-year period of time all areas of ophthalmology are included.

Dr. D. Carey
(313) 876-3239
Second and fourth Thursdays, 6:00-7:30 P.M.
Credit—1½ Hours

Orthopedic Conference

This conference is designed to present programs which will help keep the practicing physician aware of advances in the care of diseases of the musculoskeletal system. Lectures will be presented by visiting professors and members of the Hospital staff.

Dr. E. Guise
(313) 876-2188
Saturdays, 8:30-11:30 A.M.
Credit—3 Hours

Otolaryngology Conference

This conference addresses the theoretical and practical application of understanding and treating patients with communicative disorders. A review of pre- and postoperative skills and awareness of ongoing research advances will be emphasized.

Dr. R. Szymanowski
(313) 876-3279
Wednesdays, 12:00 Noon
Credit—1 Hour

1980 CME Programs

Pediatric Grand Rounds

This conference presents two selected cases currently in the pediatric ward, followed by clinical discussion of the cases along with pertinent literature review. At the end of the hour there is usually a question and answer period. Practicing pediatricians and primary care physicians are exposed to a wide variety of clinical material and updated on management techniques.

Dr. L. Weiss
(313) 876-3117
Mondays, 8:00-9:00 A.M.
Credit—1 Hour

Pediatric Staff Journal Club

This meeting provides the opportunity for an ongoing review of current pediatric literature. Once monthly, examinations are conducted on previously reviewed articles.

Dr. D. Leach
(313) 876-2104
Thursdays, 8:00-9:00 A.M.
Credit—1 Hour

Psychiatry Conference

Continuing education in relevant areas of psychiatry and neuropsychiatry is provided for physicians and other professionals in this field. Formal presentations by distinguished local and national professionals give participants an opportunity to learn the most recent empirical findings and theoretical issues in modern psychiatry.

Dr. D. Blumer
(313) 876-2516
Fridays, 11:00-12:30 P.M.
Credit—1½ Hours

Psychiatric Grand Rounds

Selected case material from inpatient, child psychiatry, adult outpatient, emergency, psychology and consultative services is presented. Information on current clinical concepts is discussed.

Dr. D. Blumer
(313) 876-2516
Wednesdays, 9:00-10:00 A.M.
Credit—1 Hour

Pulmonary Medicine Seminars

A broad spectrum of clinical and laboratory problems in pulmonary medicine will be covered. Four monthly sessions address topics on pulmonary physiology, bronchoscopy, intensive care medicine, and cases seen by the consultation service. The remaining sessions are clinically oriented with emphasis on guest speakers. The target audience for this conference is internists and pulmonary medicine physicians.

Dr. G. Bower
(313) 876-2432
Wednesdays and Fridays, 8:00-9:00 A.M.
Credit—1 Hour

Surgical Pathology Conference

Selected slides of the week are reviewed with a discussion of the differential diagnosis, clinical course and other pertinent data. It is attended by the anatomic pathology staff and residents. Brief records are kept of the diagnoses of the cases discussed.

Drs. G. Fine and J. Ohorodnik
(313) 876-2356
Tuesdays, 7:00-8:00 A.M.
Credit—1 Hour

Surgery Grand Rounds

This conference provides an update for practicing surgeons. It reviews surgical morbidity and mortality experience, selected case presentations, and some surgical research efforts underway in the Hospital.

Dr. M. Ansari
(313) 876-3164
Saturdays, 8:00-9:00 A.M., September-May
Once monthly, June-August
Credit—1 Hour

Surgery Journal Club

Detailed discussions and analyses of pertinent papers from current surgical journals are conducted. Journals and papers to be reviewed are selected in advance.

Dr. A. Kambouris
(313) 876-3055
Thursdays, 7:00-8:00 A.M.
Credit—1 Hour

Therapeutic Radiology Seminars

Since therapeutic radiology deals primarily with the management of malignancy, there is considerable interaction with other specialties. Advances in other specialties relevant to the day-to-day practice in therapeutic radiology will be stressed. The objective is to provide an update on technical advances with a direct bearing on the practice of therapeutic radiology.

Dr. M. Boles
(313) 876-1021
Alternate Mondays, 12:00 Noon, September-June
Credit—1 Hour

Tumor Conference

The objective of the tumor conference is to offer instruction in the management of patients with neoplasia, to review the natural history of the disease and its complications, and to discuss appropriate therapeutic measures. The conference will be held on the following dates: November 30, 1979, January 18, February 15, March 14, and May 2, 1980.

Dr. R. Brownlee
(313) 876-1854
Every third Friday, 12:15 P.M., October-May
Credit—1 Hour

In Memoriam
Frank W. Hartman, MD
1890-1979



Frank Wilbur Hartman, MD, the first Chairman of the Department of Pathology at Henry Ford Hospital, died on April 23, 1979 at the age of 88.

Born in Elliott, Iowa, Dr. Hartman attended Johns Hopkins Medical School and graduated in 1917. While at Johns Hopkins he was directed to the practice of pathology by the surgeon Joseph Colt Bloodgood. During World War I, Dr. Hartman served in the U.S. Navy Medical Corps and worked in close association with Admiral E. R. Stitt, the distinguished laboratory expert and head of the U. S. Naval Medical School. From this background, Dr. Hartman went on to pioneer in making the blood bank the indispensable arm of modern therapeutics as we know it today.

Dr. Hartman came to Henry Ford Hospital in 1922 as Director of Laboratories, after serving three years as pathologist-in-chief at the Scott and White Clinic at Temple, Texas. Along with such other great pathologists as Arthur

Sanford of the Mayo Clinic, he introduced the concept of centralized clinical pathology to American medicine. The medical historian Esmond R. Long has cited him for his unique contributions to both clinical and experimental pathology. "Hartman," he wrote, "has been a genius in the development of hospital and research equipment."

Dr. Hartman's first papers in the 1920s were pioneering studies on the effects of deep radiation on kidneys and heart. He described the damaging effect of radiation on the cardiac conduction mechanism and the relation of radiation renal damage to hypertension. Later studies by Hartman and a long succession of his students dealt with liver insufficiency, artificial fever, pathology of burns, effects of anoxia, bacterial, viral and rickettsial infections, and measures for sterilizing plasma. Further noteworthy achievements included design of a device for automatically recording blood pressure and another for continuous recording of arterial blood oxygen. With the help of the late Henry Ford, Dr. Hartman was the first to introduce the electron microscope into the clinical laboratory in 1945.

Dr. Hartman was also a pioneer in organizing a number of major professional societies in the field of pathology. In 1929 he was one of the first presidents of the American Society of Clinical Pathologists, and during the early years (1936-1945) of the American Board of Pathology he served in the important position of secretary. With customary foresight he envisioned the impact of third party entry into laboratory compensation. He was co-founder and the first president of the College of American Pathologists to formalize the business aspects of pathology. Dr. Hartman was also active in the American Society of Experimental Pathologists and became its president in 1956. When he retired in 1955 as Chairman of the Department of Pathology at Henry Ford Hospital, he was honored with a festschrift by the journal of *Laboratory Investigation*. From 1956 to 1968, Dr. Hartman served as medical research advisor to the Surgeon General of the U.S. Air Force. He was secretary of the Department of Defense Committee on the National Blood Research Program and Chairman of the Joint International Committee on Aviation Pathology. From 1968 to 1970, he was a medical officer in the Bureau of Drugs of the Food and Drug Administration.

In his honor, the Department of Pathology has established a Frank W. Hartman Memorial Fund at Henry Ford Hospital.

John W. Rebuck, MD, PhD
Editor

Henry Ford Hospital

Detroit, Michigan 48202

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