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The
BULLETIN

OF THE

Tulsa County Medical Society

April, 1957

Vol. 23

No. 4

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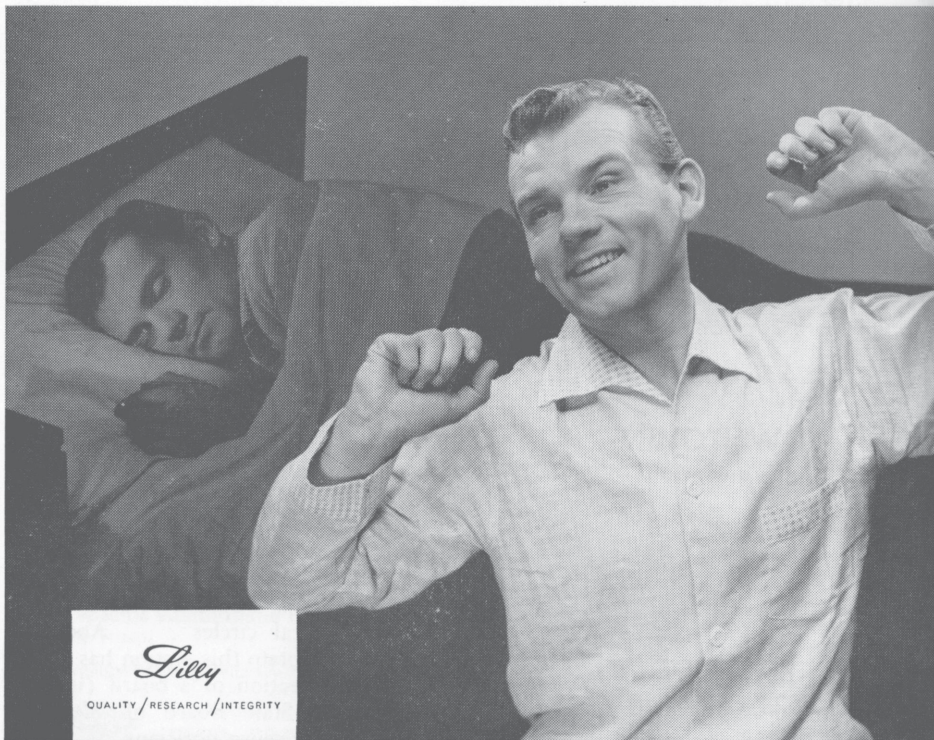
GETMAN'S

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ROY R. GETMAN, Founder

With The Editor . . .

As this issue of The Bulletin went to press a bill was pending in the Oklahoma State Senate to guarantee free choice of physician to patients in industrial injury cases . . . The bill had already passed the House of Representatives and was reported to have excellent chances for passage in the Senate . . . Governor Gary will reportedly veto the bill, duplicating the action of Governor Murray when a similar bill passed two years ago . . . Doctors of the State are so divided as to the bill's merits that no official action to approve or disapprove it has been taken by the Oklahoma State Medical Association . . . While bearing the approval of many individual physicians, it is soundly opposed by leaders in industrial medical circles . . . Another legislative hot potato this session has been the proposed creation of a board (under the Oklahoma State Board of Medical Examiners) to license opticians . . . Although completely supported by the medical profession, it is opposed by optometrists, who have long sought to have opticians placed under their direct control . . . The effect of the optometrists' desire to control opticians would be to rule out the medical ophthalmologist in refracting and prescribing eyeglasses . . . The Tulsa City-County Health Department reported last month that it gave 3,875 injections of anti-polio vaccine during the month of February . . . Teams composed of two doctors and an insurance man are now contacting all Oklahoma physicians for additional contribution to the Oklahoma Medical Research Foundation . . . The Oklahoma City research unit is seeking \$250,000.00 in pledges, to be paid over a three-year period, for its general research program . . . Dr. Wendell L. Smith of Tulsa is Chairman in the local area . . . An organization of local insurance agents is helping out on the solicitation project . . . Tulsa's medical population has been shrinking lately . . . Unless the summer influx of new doctors is heavier than usual, the Tulsa County Medical Society may record a loss in 1957.



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THE BULLETIN

OF THE

TULSA COUNTY MEDICAL SOCIETY

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Vol. 23

TULSA, OKLAHOMA, APRIL, 1957

No. 4

CONVENTION TO FEATURE AMA OFFICIAL

Program Topics For Guest Speakers At Annual Meeting of Oklahoma State Medical Association Announced. Closed Circuit Television Panel Scheduled.

Two additional visiting distinguished guest speakers for the 51st Annual Meeting of the Oklahoma State Medical Association in Tulsa, May 6-8, 1957, were announced last month as convention arrangements neared completion.

Scheduled to appear on the Annual Meeting program are:

Dr. David B. Allman, President-Elect of the American Medical Association, Atlantic City, New Jersey.

Dr. Robert A. Cosgrove, Assistant Professor of Obstetrics & Gynecology, Columbia University College of Physicians and Surgeons, and Chief Of Service, Margaret Hague Maternity Hospital, Jersey City, N. J.

Dr. Allman will appear before the House of Delegates of the Oklahoma State Medical Association on Sunday, May 5, 1957, at 3:30 P.M. for a report of AMA activities and national medical matters.

A complete printed program of the 51st Annual Meeting is expected to be mailed to all Oklahoma doctors early in

April.

Details of an hour-long closed-circuit television presentation to be featured at the convention were also announced last month. Scheduled for Monday, May 6,

1957, in the Crystal Ballroom of The Mayo on the subject, "The Physician and Emotional Disturbance," the clinic will feature the following panelists:

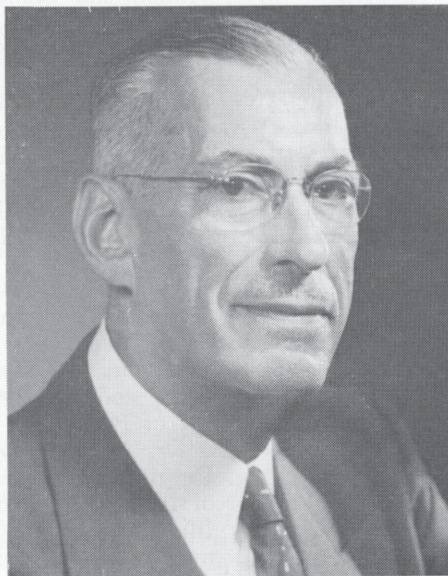
Dr. Howard P. Rome, Chief of the Section on Neurology and Psychiatry, The Mayo Clinic, Rochester, Minnesota.

Dr. C. H. Hardin Branch, Professor and Chairman of the Department of Psychiatry, University of Utah School of Medicine, Salt Lake City, Utah.

Dr. E. Irving Baumgartner, Secretary of the Section on General Practice, American Medical Association, Oakland, Maryland.

Dr. Andrew S. Tomb, Chairman of the Committee on Mental Health, American Academy of General Practice, Victoria, Texas.

The program will emanate from Chi-



DR. DAVID B. ALLMAN

icago, Illinois, and will be projected on a large TV screen approximately eight by ten feet in size. A telephone hook-up will permit Tulsa doctors to ask questions of the panel in Chicago. Dr. Joe E. Tyler, Tulsa psychiatrist, will be moderator for the local audience.

The television presentation is sponsored by Smith, Kline & French Laboratories of Philadelphia, Pennsylvania.

Tulsa doctors who will present papers on the scientific program include Dr. Lucien M. Pascucci, and Dr. Marion K. Ledbetter.

Tulsans serving as presiding officers at the various scientific sessions are Dr. John E. McDonald, Dr. L. A. Munding, Dr. G. R. Russell, Dr. Walter E. Brown, Dr. Edward L. Moore, and Dr. Charles G. Stuard.

Details of the scientific program as revealed last month by Dr. Edward L. Moore, Program Chairman, indicate a wide variety of interests in program topics of the visiting guest speakers. Papers to be presented will include:

Dr. Claude S. Beck, Professor of Cardiovascular Surgery, Western Reserve University School of Medicine, Cleveland, Ohio: "Operation for Coronary Artery Disease" and "Cardiac Resuscitation."

DINNER DANCE TICKETS

Tickets for the President's Inaugural Dinner Dance of Tuesday, May 7th, a feature of the 1957 Annual Meeting of the Oklahoma State Medical Association in Tulsa, are now on sale in the Executive Offices of the Tulsa County Medical Society, B9 Medical Arts Building. The price is \$7.50 per person, including social hour, dinner, inaugural program, and four hours of dancing to the Rippling Rhythm of Shep Fields and His Orchestra. Tickets may be ordered by telephone and will be mailed with an accompanying statement. Only the capacity of the Crystal Ballroom of The Mayo will be sold, and doctors are urged to buy tickets early to avoid disappointment.

Dr. Russell J. Blattner, Chairman of the Department of Pediatrics, Baylor University Medical School, Houston, Texas: "Encephalitis" and "Congenital Malformations—Possible Role of Virus Infection."

Dr. Robert A. Cosgrove, Assistant Professor of Obstetrics & Gynecology, Columbia University College of Physicians & Surgeons, Jersey City, New Jersey: "Evaluation of the Present Use of Cesarean Section" and "Fetal Salvage in Obstetrics."

Dr. I. Phillips Frohman, General Practitioner, Washington, D.C.: "The Physician as Nutritionist."

Dr. John W. Gofman, Professor of Medical Physics, University of California School of Medicine, San Francisco, California: "The Prediction of Future Risk of Coronary Heart Disease in Ostensibly Healthy Individuals," "Blood Lipids and Human Arteriosclerosis," and "Dietary and Pharmaceutical Approaches to Prevention and Management of Coronary Heart Disease."

Dr. George C. Griffith, Professor of Medicine, University of Southern California School of Medicine, Los Angeles, California: "Changes in the Cardiovascular System Following Oophorectomy in Young Women" and "Altered Physiology in Patients With Cardiovascular Disturbances During Pregnancy and Delivery."

Dr. John S. Lundy, Chairman of the Section of Anesthesiology, The Mayo Clinic, Rochester, Minnesota: "New Drugs and an Era of Analgesia and Amnesia" and "Modern Techniques for Relief of Pain."

Dr. Eric Oldberg, Chairman of the Department of Neurosurgery, University of Illinois School of Medicine, Chicago, Illinois: "Pituitary Tumors" and "Treatment of Head Injuries."

Dr. Michael K. O'Heeron, Chairman of the Department of Urology, Baylor University Medical School, Houston, Texas: "Hematuria—Its Importance and Management" and "Practical Urological Aids in Diagnosing the Acute Surgical Abdomen."

Dr. Paul C. Swenson, formerly Chairman of the Department of Radiology,

(Continued On Page 38)



THE MEDICAL LIBRARY

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"To study the phenomena of disease without books is to sail an uncharted sea, while to study books without patients is not to go to sea at all."

—*Sir William Osler*

GIFTS OF THE MONTH—:

Arthritis and Rheumatism Foundation of Eastern Oklahoma, Inc. Ankylosing Spondylitis; Clinical Considerations, Roentgenology, Pathologic Anatomy, Treatment. By J. Forestier, M.D., F.A.C.R. (Hon.); F. Jacqueline, M.D.; and J. Rotes—Querol, M.D. Translated by A. U. Desjardins. 374 pp., illustrated, includes bibliography. Charles C. Thomas, Publisher, Springfield, Illinois, 1956.

Chas. Pfizer & Company, Inc., Brooklyn, N. Y. Series of Anatomical and Pathological Transparencies. Illustrated by Frank Netter, M.D. #3. Clinical Anatomy of the Abdomen and Inguinal Region; #4. The Pregnant Uterus; #5. The Adrenal Glands and Kidneys.

Dr. H. D. Murdock. Operative Technic Involved in the Operations of General and Special Surgery. By Warren Stone Bickman, M.D. Seven volumes, illustrated (part colored). W. B. Saunders Company, Philadelphia, Pennsylvania, 1924.

Oklahoma State Department of Health. Public Health Statistics of Oklahoma. Births and Deaths; Marriages and Divorces. Third Quarter, 1956. Also: Part Two, 1955, Births and Deaths.

Oklahoma State Medical Association. 150 miscellaneous issues of State Medical Journals.

RECENT ACQUISITIONS—:

The Hemorrhage Disorders; A Clinical And Therapeutic Approach. By Mario Stefanini, M.D., Associate Professor of Medicine, and William Dameshek, M.D., Professor of Medicine, Tufts University College of Medicine. 368 pp., illustrated. Grune & Stratton, New York, N.Y., 1955.

THE FIRST HOSPITAL IN TULSA

In 1900 the population of Tulsa was 1,390 and an epidemic of smallpox was raging throughout this section of Oklahoma. There was no home large enough to isolate a patient. In that year the late Dr. Fred S. Clinton organized the first hospital in a six room cottage in an apple orchard near Greenwood and Archer streets. Membership was by invitation to those who had been immunized or by having had smallpox. They contributed sufficient funds to lease and equip the building. The hospital was discontinued in 1901.

By 1906 the need for a hospital and nurses had grown and the Tulsa Hospital Association was incorporated with the following officers elected: Dr. Clinton, President; Dr. C. L. Reeder, Secretary; Dr. C. Zenas Wiley, Treasurer. The Association purchased a large two and one-half story stone residence just as it was being completed. In the meantime, a change was made and a temporary building was rented on a monthly basis on North Cheyenne and Golden Streets until the first building could be readied. During the last part of November, 1906, the Tulsa Hospital began operating in its own building at the west end of Fifth Street.

—*Chronicles Of Oklahoma, 22:42-59, Spring, 1944.*

Public Service Aim Of State Agency

BOARD OF EXAMINERS HAS MANY DUTIES

A Medical Feature

The legal watchdog of Oklahoma Medicine is the seven-man Board of Medical Examiners created nearly fifty years ago to license physicians and administer a myriad of statutory medical laws. But, says Dr. E. F. Lester of Oklahoma City, Secretary, despite the Board's wide range of powers it is basically a service organization to the people of Oklahoma.

"Our concept of the Board's function is fundamentally one of public service," he adds, "not only in assuring that only qualified medical doctors are licensed to practice in Oklahoma, but in insisting these physicians continue to meet the accepted standards of practice prescribed by law and the ethics of the medical profession. We believe, too, that the Board should render every reasonable service and courtesy to the public, particularly in providing reliable information about doctors, medical services and medical laws."

A study of the Board's activities in recent years can leave no doubt but that it is conscientiously meeting its obligations to the public and the profession. In addition to licensing between 150 and 175 doctors each year, either by examination or reciprocity, it disciplines an errant few guilty of narcotic law violations, criminal actions, narcotic addiction, and gross violations of professional conduct. It also conducts a continuing campaign against medical frauds and quacks, keep on more than 2,730 doctors eligible for practice in the State, advises with lawmakers and medical leaders on needed revisions of medical legislation, codifies and publishes statutory medical law, and answers a tremendous volume of inquiries. In cooperation with similar boards in other states it works through a national organization, the Federation of State Medical Boards of the United States, to solve mutual problems and create more uniform standards of medical licensure.

The Oklahoma State Board of Medical

Examiners was created in 1908 a few months after Oklahoma Statehood, although not in its present form. The passage of the Medical Practice Act by the Oklahoma State Legislature in 1926 established the basic format of the present Board. Revisions and amendments to the Act, the latest in 1953, have defined and extended its powers materially.

The Board is composed of seven members appointed by the Governor from a list of fourteen candidates supplied by the Oklahoma State Medical Association. These candidates are usually selected by the Council and are equally divided among the various areas of the State. Each member serves a term of four years. A restriction in the law prohibits a member from being drawn from the board of trustees, faculty, or owners of any medical school in Oklahoma; thus, officers and faculty members of the University of Oklahoma School of Medicine are exempt from eligibility to serve.

Members of the present Board of Medical Examiners, as appointed by Governor Raymond M. Gary, are Dr. W. Pat Fite, President, Muskogee; Dr. L. S. Willour, Vice-President, McAlester; Dr. E. F. Lester, Secretary-Treasurer, Oklahoma City; Dr. L. E. Woods, Chickasha; Dr. E. M. Gullatt, Ada; Dr. M. H. Newman, Shattuck; and Dr. Clinton Gallaher, Shawnee. Many are veterans on the Board and have served multiple terms.

The Board meets four times each year, once each quarter. Two of these meetings are designated as regular meetings and two as special meetings. Certain types of business matters, such as appearances of doctors before the Board upon citation, may be transacted only at regular meetings. The next regular meeting of the Board is scheduled for June 11-12, 1957, at which time the annual examination for licensure will be given. Most meetings are held in the Board's attractive offices at 813 Braniff Building, Oklahoma City.

The licensing of medical doctors is the major function of the Board. A written examination requiring two days to complete is given only once each year, usually in June a few days after the annual graduation ceremonies of the University of Oklahoma School of Medicine.

Questions for the written examinations are personally prepared by the members of the Board, each of whom is assigned one of the seven sections: toxicology, hygiene, surgery, gynecology, obstetrics, medical jurisprudence, and materia medica. Each member of the Board subsequently grades his own questions. Grading is in

percentages and to pass an applicant must receive 75 per cent or more in each section. If an applicant fails any section, he may (with the permission of the Board) take that section again at the next regular meeting.

The Oklahoma license is granted as soon as the applicant presents a certificate showing completion of a one-year internship in an accredited hospital. For the majority of applicants—the University of Oklahoma School of Medicine graduates—this means a wait of one year between the examination and actual licensing.



Dr. E. F. Lester (standing) of Oklahoma City, Secretary-Treasurer of the Oklahoma State Board of Medical Examiners, inspects the Cardineer, a rotary drum file containing thousands of information cards on Oklahoma doctors in the Board's Oklahoma City offices. Assisting him is Mrs. Lucy Haidek, office secretary.

Doctors may also be licensed in Oklahoma by reciprocity. The applicant must complete a lengthy information form and pay a fee of \$100.00 (applicants for licensure by examination pay only \$25.00). Once the application has been filed, the Board makes a detailed investigation of the applicant's educational, moral and professional background. Inquiries are made of the applicant's medical school, the Narcotics Bureau of the Department of Treasury, the American Medical Association, hospital of internship and residency, the Board of Examiners where originally licensed, and state and county medical societies. If everything is in order, the Board will approve the application within 30 to 90 days after it is filed.

All applicants, either by examination or reciprocity, are very carefully investigated as to personal and moral character. The Board must evaluate the applicant as to his professional activities in the past; many applicants for reciprocity are physicians who have gotten into trouble in another state and are seeking a new professional location. Some, including many of those seeking licensure by examination, are found to have revoked licenses in other states (usually for narcotic addiction, violation of statutory law, unprofessional conduct, insanity, etc.). These undesirables are weeded out and rejected.

Contrary to public opinion, the Oklahoma State Board of Medical Examiners has no fixed reciprocal agreements with other states. Each applicant is considered on his own merits and in accordance with Board rules and State law. Basically, the requirements for licensure are: (1) American citizenship, (2) graduation from a medical school rated as Class A at the time of graduation, (3) completion of a minimum of one year's internship in an accredited hospital, and (4) good moral character.

Applicants for licensure by examination must present a Certificate in Basic Sciences issued by an official board. Applicants for licensure by reciprocity may substitute other state board grades in the basic sciences subjects.

The Board has established, under powers granted it by law, twenty-eight official rules and regulations which impose

additional requirements affecting specific situations. (For instance, Board Rule #27 states that Oklahoma will not reciprocate licenses granted in New York State during the period of December 13, 1939 to January 1, 1947, due to lower legal requirements for licensure in that State during the specified period).

Temporary licenses are not granted except to residents in Oklahoma hospitals and then only for the period of residency. Licenses are not required of interns.

Once the Oklahoma certificate has been granted, it must be renewed each year by payment of the annual reregistration fee of \$3.00. (Proposed legislation in the Oklahoma State Legislature at the time this issue of *The Bulletin* went to press would raise the fee to \$5.00). Each physician is billed for this each Spring, and the fee must be paid not later than June 10th of each year.

The disciplinary powers of the Board of Examiners are extensive but used with the greatest discretion and consideration for justice. A physician may be cited to appear personally before the Board to answer a variety of charges. These include narcotic addiction, aiding or abetting an unlicensed person in the practice of medicine, violation of statutory law, conviction on felony charges, insanity, gross misconduct in the course of professional duties, etc. Should a doctor refuse to voluntarily answer a citation from the Board, it can be legally served by the Sheriff's office in the county of residence.

All hearings are held with the same regard for fairness and justice as in a court of law. Hearsay evidence is not accepted, and all charges must be substantiated by documentary evidence and sworn personal testimony. The Board, on its own motion, may place a doctor on probation, suspend his license, or revoke it entirely. Probationary and suspension periods are specified and may be from one to a maximum of five years.

Where a physical problem is involved, such as narcotic addiction, the Board may specify medical treatment of a recognized character. The physician will be placed on probation during this period and required to make periodic progress reports

(Continued On Page 31)

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LEADING TEXAS INTERNIST TO SPEAK HERE APRIL 8TH

The Tulsa County Medical Society will conclude its Spring series of scientific meetings on Monday, April 8, 1957, with the appearance of Dr. George R. Herrmann, Professor of Medicine at the University of Texas School of Medicine, Galveston, Texas, as guest speaker. His subject will be "Heart Disease of Pulmonary Disease Origin."

The meeting will be at 8:00 P.M. in the Auditorium of the Blue Cross-Blue Shield Building, 1215 South Boulder, Tulsa. Telephone service is available by calling LUther 5-9149. There will be no meetings of the Society thereafter until September.

One of America's best known internists, Dr. Herrmann is a graduate of the University of Michigan School of Medicine, Class of 1918. In addition to his medical degree, he also holds a B.S., and Ph.D. from Michigan. His internship was served at Peter Bent Brigham Hospital of Boston, Massachusetts. Dr. Herrmann's specialty training was obtained at Barnes Hospital in St. Louis. From 1925 to 1931 he was Director of the Cardiology Laboratory at Charity Hospital, New Orleans, Louisiana, and subsequently practiced at New Orleans and at Galveston, Texas.

In addition to his teaching duties at the University of Texas School of Medicine from 1931 to the present, he has taught at the University of Michigan School of Medicine and Tulane University Medical School.

For many years Dr. Herrmann was Editor of the American Journal of Syphilis and is now an Associate Editor of Geriatrics. He was formerly a member of the editorial boards of such national medical journals as the Journal of Laboratory and Clinical Medicine, the American Journal of Clinical Investigation, and the American Heart Journal.

Dr. Herrmann is a diplomate of the American Board of Internal Medicine, fellow of the American College of Physicians, member of the American Society For Clinical Investigation, American Federation For Clinical Research, Society For Experimental Biology and Medicine, and many other organization. He has been widely honored by medical groups in Mexico, Brazil, and other Latin and South American countries for his contributions to research in those areas.

A special guest at the April 8th meeting will be Pepper Martin, former big league baseball star and now a member of the Tulsa Oilers coaching staff.

Guest speakers for the Will Rogers High School Medical Club during March included DR. TERRELL COVINGTON, JR., and DR. BYRON W. STEELE, JR.

DR. WILLIAM F. BOYER is recovering from surgery performed at Oklahoma City last month.

DR. A. RAY WILEY has returned to his office after an illness of several weeks.

Members of the newly appointed Polio Vaccine Committee of the Tulsa County Medical Society are DR. HUGH C. GRAHAM, DR. T. PAUL HANEY, DR. MILTON L. BERG, DR. CHARLES E. WILBANKS, DR. H. J. RUBIN and DR. R. M. WADSWORTH.

Guest speakers for the Edison High School Medical Club last month were DR. LUCIEN M. PASCUCCI, DR. DONALD L. BRAWNER, and DR. ROBERT T. CRONK.

PRESIDENT'S PAGE

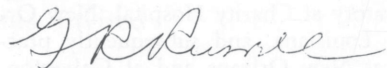
As a result of the marvelous advances in American Medicine the newborn child of today has an even chance of living to be 70 years of age. This is sharply contrasted with an expectancy of 42 years at the turn of the century and with 22 years at the beginning of the Christian Era.

High on the list of factors responsible for this remarkable program has been the effective immunization against such killing diseases as diphtheria, typhoid, small pox, tetanus, and more recently, poliomyelitis.

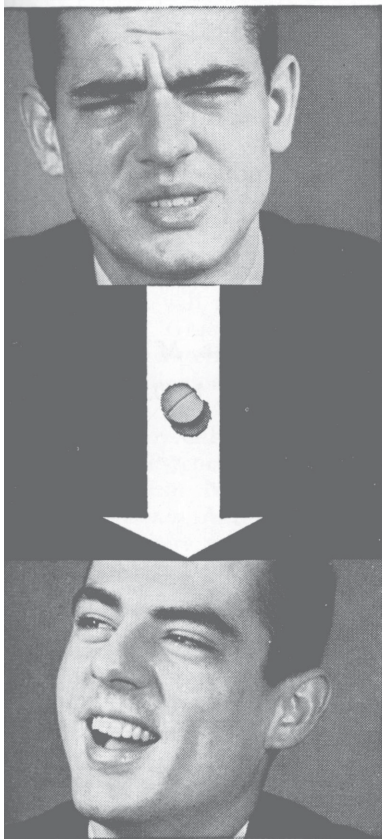
The modern physician is highly conscious of the benefits of preventive medicine. He not only provides for the patients under his supervision adequate nutrition with vitamins and other accessory food factors, but at the proper time and place under optimum conditions provides for their immunization against killing diseases. This is done under our American system of private enterprise which certainly is the most effective system in the world today. The cost to the average patient for medical care for the preservation of health (our greatest asset) is surprisingly low and is exceeded in the collective national budget by numerous but less essential items as tobacco, alcohol beverages, and amusements. Yet, the use by the profession of such words as a "means test" or "indigent" are considered by certain individuals in high places as dirty words.

The goal for the future for the medical profession is to consolidate and hold the line with accepted immunization procedures and to add to our therapeutic armamentarium new approaches as they develop under the American system of free and private enterprise. Only lethargy and apathy in the profession or in the public can cause us to lose our forward progress.

Sincerely,



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**PSYCHIATRIC STUDY COURSE
SCHEDULED FOR APRIL 19-20**

A special postgraduate study course, Explorations in the Physiology of Emotions, has been scheduled for Friday and Saturday, April 19-20, 1957, at Oklahoma City by the University of Oklahoma School of Medicine in cooperation with the American Psychiatric Association.

Visiting distinguished guest speakers for the event will include:

David T. Graham, M.D., Assistant Professor of Internal Medicine and Psychiatry, Washington University School of Medicine, St. Louis, Missouri.

A. J. Silverman, M.D., Assistant Professor of Psychiatry, Duke Medical School, Durham, North Carolina.

Karl Bouman, M.D., Professor Emeritus of Psychiatry, University of California School of Medicine, San Francisco, California.

William G. Reese, M.D., Professor of Psychiatry, University of Arkansas School of Medicine, Little Rock, Arkansas.

David R. Hawkins, M.D., Assistant Professor of Psychiatry, University of North Carolina School of Medicine, Chapel Hill, North Carolina.

George A. Ulett, M.D., Professor of Psychiatry, Washington University School of Medicine, St. Louis, Missouri.

Neil R. Burch, M.D., Assistant Professor of Psychiatry, Baylor Medical School, Houston, Texas.

Jose M. R. Delgado, M.D., Associate Professor of Neurophysiology, Yale University School of Medicine, New Haven, Connecticut.

Other speakers are drawn from practicing psychiatrists and psychologists, research institutes, and the University of Oklahoma School of Medicine faculty. A complete program has been mailed to all doctors.

Registration will be \$5.00 plus an additional \$5.00 for the dinner meeting of Friday evening. Conferences will be held in the Mirror Room of the Biltmore Hotel, and all Oklahoma doctors are eligible to attend.

It's a boy for DR. and MRS. VANCE LUCAS, born March 11th.

**GENERAL PRACTICE GROUP
TO HEAR OBSTETRICIAN**

Dr. Willard R. Cooke, Professor of Obstetrics & Gynecology at the University of Texas School of Medicine, Galveston, Texas, will be guest speaker for the Tulsa Academy of General Practice on Monday, April 22, 1957, at Hotel Tulsa. His subject will be "Rationalization In Regard To Gynecological Operation."

The meeting will be a dinner at 6:30 P.M. The program will be at 8:00 P.M. Reservations are necessary for dinner and may be made by calling LUtHer 4-7925 or LUtHer 2-5904.

Dr. Cooke is a graduate of the University of Texas School of Medicine, Class of 1912. He interned at John Sealy Hospital of Galveston. A leading specialist in Obstetrics & Gynecology, he is now Chief of the Department at John Sealy Hospital and consultant to Brooke General Hospital and the United States Marine Hospital. He is a diplomate of the American Board of Obstetrics & Gynecology, member and former president of the American Association of Obstetricians, Gynecologists, and Abdominal Surgeons, member of the American Gynecological Society, fellow of the American College of Surgeons, and formerly Vice-Chairman of the Section on Obstetrics & Gynecology of the American Medical Association. Dr. Cooke is widely known for his research studies and writings in the field of gynecology.

DR. THOMAS J. HARDMAN has been added to the personnel of the Medicare Committee of the Tulsa County Medical Society.

DR. M. V. STANLEY has taken new professional offices in the McBirney Building for general practice.

DR. G. R. RUSSELL was guest speaker for the Rogers-Mayes County Medical Society at Pryor on March 12, 1957.

DR. HUGH J. EVANS has returned from a brief vacation at New Orleans, Louisiana.

DR. F. L. FLACK and DR. FRED A. GLASS were honored last month with Life Membership on the Staff of St. John's Hospital.

COMMITTEE CHAIRMEN SET FOR YEAR BY HEART GROUP

Nine Tulsa doctors have been named as Chairmen of major standing committees of the Tulsa County Heart Association, it was announced last month. Dr. William S. Jacobs, President, said the following physicians would serve in 1957:

Education and Public Relations Committee, Dr. Russell C. Pigford; Scientific Council, Dr. Terrell Covington, Jr.; Rheumatic Fever Clinic, Dr. Leonard L. Kishner; Cardiovascular Surgery Committee, Dr. Robert L. Anderson; Peripheral Vascular Clinic, Dr. Robert M. Shepard, Jr.; St. John's Out-Patient Heart Clinic, Dr. Paul T. Strong; Hillcrest Out-Patient Heart Clinic, Dr. James C. Peters; Nominating Committee, Dr. Dean C. Walker; and Professional Education Committee, Dr. C. S. Lewis, Jr.

Mr. Charles Follansbee will head the Association's Legal and Legislative Committee, Mr. Howard Cowan the Membership Committee, and Mrs. N. A. Gibson, Finance Committee.

Dr. Robert G. Tompkins is serving as Chairman of the Association's Executive

Committee. In addition to Dr. Jacobs, other officers for the current year include Dr. Terrell Covington, Jr., President-Elect; Mr. H. B. Dowell, Vice-President; Dr. R. M. Shepard, Jr., Secretary; and Mr. E. L. Stucker, Treasurer. Dr. Robert L. Anderson is Chairman-Elect of the Executive Committee for 1958.

TULSA OTOLARYNGOLOGIST NAMED KENTUCKY COLONEL

Dr. Arthur H. Davis, prominent Tulsa ophthalmologist and otolaryngologist, was recently commissioned an Honorary Kentucky Colonel on the staff of Governor A. B. Chandler of Kentucky.

A native of Kentucky, Dr. Davis is a graduate of the University of Louisville School of Medicine. He served one year internships at Louisville City Hospital, St. Mary's Hospital of Detroit, and Memphis General Hospital. His specialty training was obtained at New York University's Postgraduate Hospital. Dr. Davis is a diplomate of the American Board of Otolaryngology, fellow of the American College of Surgeons, and a fellow of the American Academy of Ophthalmology and Otolaryngology.



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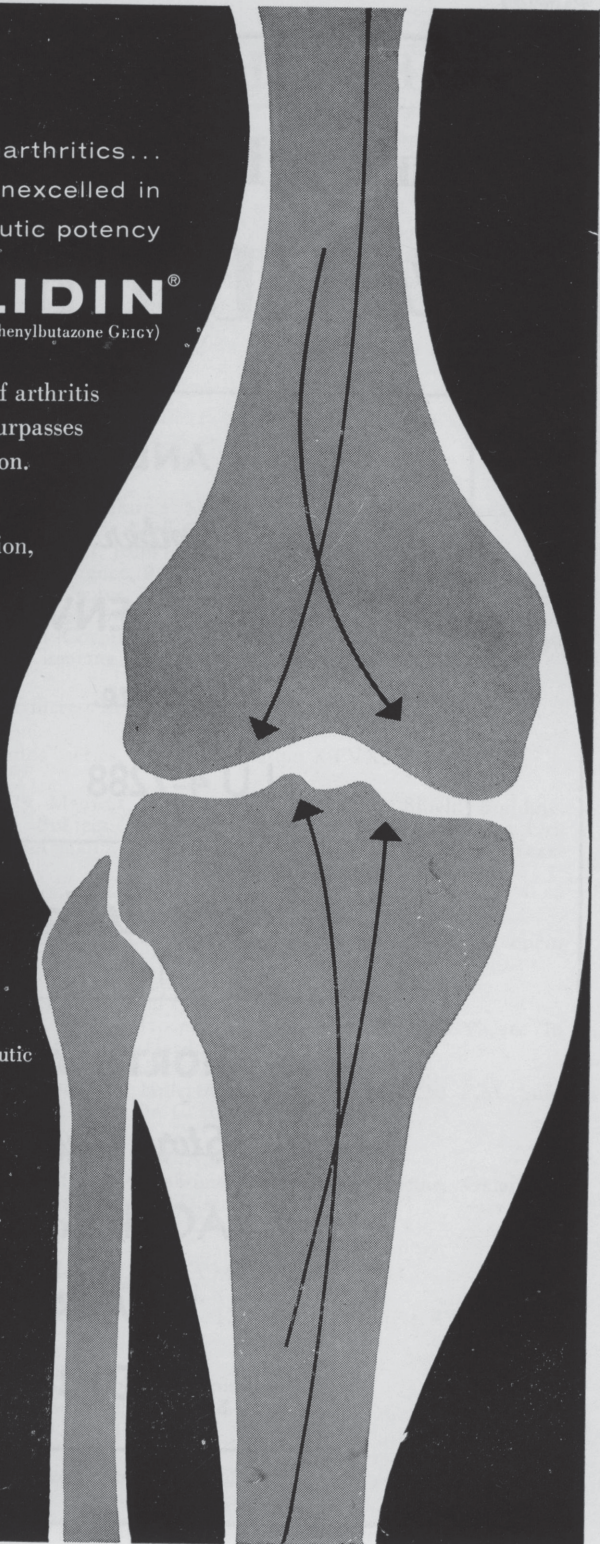
- Gouty Arthritis
- Rheumatoid Arthritis
- Rheumatoid Spondylitis
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APRIL MEDICAL CALENDAR

MONDAY, April 1st:

Staff Meeting, Hillcrest Medical Center, 8:00 P.M.

TUESDAY, April 2nd:

St. John's Tumor Clinic, 8:00 A.M.

Interns and Residents Lecture, St. John's Hospital, 12:30 P.M. Subject: "The Acute Abdomen-Diagnosis and Treatment." Speaker, Dr. James B. Thompson.

WEDNESDAY, April 3rd:

St. John's Isotope Clinic, St. John's Hospital, 8:30 A.M.

Board of Trustees Meeting, Tulsa County Medical Society, B9 Medical Arts Building, 1:00 P.M.

THURSDAY, April 4th:

Medical Section Meeting, St. John's Hospital, 8:30 A.M.

Surgical Section Meeting, St. John's Hospital, 9:00 A.M.

Urology Section Meeting, St. John's Hospital, 9:00 A.M.

FRIDAY, April 5th:

Trauma Symposium, University of Oklahoma School of Medicine, Oklahoma City. Time to be announced. Continues through April 6th.

St. John's Isotope Committee Meeting, St. John's Hospital, 8:30 A.M.

St. John's Tumor Clinic, Clinical Conference, 9:30 A.M.

X-Ray Conference, Hillcrest Medical Center, 3:30 P.M.

Journal Club, Hillcrest Medical Center, 6:00 P.M. Subject: "Diagnosis and Treatment of Tumors of Uterine Cervix and Corpus." Speakers, Drs. William N. Henderson, Eugene S. Cohen, and Donald G. Clements.

SATURDAY, April 6th:

Pathological Tissue Conference, Hillcrest Medical Center, 8:30 A.M.

SUNDAY, April 7th:

Medical Telecast, "Medical Horizons" series, Television Station KTVX, 3:30 P.M.

MONDAY, April 8th:

Scientific Meeting, Tulsa County Medical Society, Blue Cross-Blue Shield Building, 1215 South Boulder, 8:00 P.M. Subject: "Heart Disease of Pulmonary Disease Origin." Speaker, Dr. George R. Herrmann, Professor of Medicine, University of Texas Medical School, Galveston, Texas.

TUESDAY, April 9th:

St. John's Tumor Clinic, 8:00 A.M.

Sixth Annual Mental Health Institute, University of Tulsa. Registration opens 9:00 A.M.

Pediatric Section Meeting, St. John's Hospital, 9:00 A.M.

Pharmaceutical Demonstration, Hillcrest Medical Center, 12:30 P.M.

Interns and Residents Lecture, St. John's Hospital, 12:30 P.M. Subject: "Care In Abdominal Trauma." Speaker, Dr. Thomas J. Hardman.

Anesthesiology Conference, St. John's Hospital, 3:00 P.M.

Postgraduate Lecture in Internal Medicine, Hillcrest Medical Center, 5:30 P.M. Subject: "Peripheral Vascular Disease." Speaker, Dr. C. S. Lewis, Jr.

WEDNESDAY, April 10th:

St. John's Isotope Clinic, St. John's Hospital, 8:30 A.M.

Postgraduate Short Course, University of Oklahoma School of Medicine, Oklahoma City, 3:30 P.M. Subject: "Problems In Infectious Diseases."

Clinical Pathological Conference, Hillcrest Medical Center, 7:30 P.M.

THURSDAY, April 11th:

Medical Section Meeting, St. John's Hospital, 8:30 A.M.

Clinical Pathological Conference, St. John's Hospital, 8:30 A.M.

Surgical Motion Picture, Hillcrest Medical Center, 12:30 P.M. Subject: "Diseases of the Stomach and Duodenum."

FRIDAY, April 12th:

St. John's Isotope Committee Meeting, St. John's Hospital, 8:30 A.M.

St. John's Tumor Clinic, Clinical Conference, 9:30 A.M.

X-Ray Conference, Hillcrest Medical Center, 3:30 P.M.

SATURDAY, April 13th:

Pathological Tissue Conference, Hillcrest Medical Center, 8:30 A.M.

APRIL MEDICAL CALENDAR

SUNDAY, April 14th:

Medical Telecast, "Medical Horizons" series, Television Station KTVX, 3:30 P.M.

MONDAY, April 15th:

Ninth Annual Meeting, Southwestern Surgical Congress, opens at Wichita, Kansas. Continues through April 17th.

No meeting of the Staff of St. John's Hospital on this date.

Copy deadline for the May issue of The Bulletin.

TUESDAY, April 16th:

St. John's Tumor Clinic, 8:00 A.M.

Interns and Residents Lecture, St. John's Hospital, 12:30 P.M. Subject: "The Meningitidies in Children." Speaker, Dr. Hugh B. Spencer.

Board of Directors Meeting, Tulsa County Public Health Association, 808 South Peoria, 7:30 P.M.

Surgical Section Meeting, Hillcrest Medical Center, 7:30 P.M.

X-Ray Conference, St. John's Hospital, 8:00 P.M.

WEDNESDAY, April 17th:

St. John's Isotope Clinic, St. John's Hospital, 8:30 A.M.

Medical Assistants Society of Tulsa Meeting, Danner's Cafeteria, 6:30 P.M.

THURSDAY, April 18th:

Medical Section Meeting, St. John's Hospital, 8:30 A.M.

Obstetrics and Gynecology Section Meeting, St. John's Hospital, 8:30 A.M.

FRIDAY, April 19th:

St. John's Isotope Committee Meeting, St. John's Hospital, 8:30 A.M.

Postgraduate Study Course, "Explorations in the Physiology of Emotions," University of Oklahoma School of Medicine, Biltmore Hotel, Oklahoma City, 9:00 A.M.

St. John's Tumor Clinic, Clinical Conference, 9:30 A.M.

X-Ray Conference, Hillcrest Medical Center, 3:30 P.M.

Journal Club Meeting, Hillcrest Medical Center, 6:00 P.M. Subject: "Obstructive Lesions of The Colon." Speakers, Drs. John G. Matt, J. D. Shipp, and Raymond G. Ray.

SATURDAY, April 20th:

Pathological Tissue Conference, Hillcrest Medical Center, 8:30 A.M.

SUNDAY, April 21st:

Medical Telecast, "Medical Horizons" series, Television Station KTVX, 3:30 P.M.

MONDAY, April 22nd:

Scientific Meeting, Tulsa Academy of General Practice, Hotel Tulsa, 6:30 P.M. Program: "Rationalization In Regard To Gynecological Operation." Speaker, Dr. Willard R. Cooke, Galveston, Texas.

TUESDAY, April 23rd:

St. John's Tumor Clinic, 8:00 A.M.

Pediatric Section Meeting, St. John's Hospital, 9:00 A.M.

Interns and Residents Lecture, St. John's Hospital, 12:30 P.M. Subject: "Poliomyelitis—Management of the Acute Patient." Speaker, Dr. R. W. Goen.

Pharmaceutical Demonstration, Hillcrest Medical Center, 12:30 P.M.

Postgraduate Lecture in Internal Medicine, Hillcrest Medical Center, 5:30 P.M. Subject: "Practical Medical Legal Aspects." Speaker, Dr. Marshall O. Hart.

Obstetrics and Gynecology Section Meeting, Hillcrest Medical Center, 7:30 P.M.

WEDNESDAY, April 24th:

St. John's Isotope Clinic, St. John's Hospital, 8:30 A.M.

Medical Section Meeting, Hillcrest Medical Center. Dinner, 6:00 P.M.; Meeting, 7:00 P.M.

THURSDAY, April 25th:

Medical Section Meeting, St. John's Hospital, 8:30 A.M.

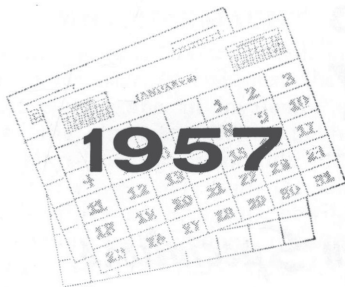
Surgical Motion Picture, Hillcrest Medical Center, 12:30 P.M. Subject to be announced.

FRIDAY, April 26th:

St. John's Isotope Committee Meeting, St. John's Hospital, 8:30 A.M.

St. John's Tumor Clinic, Clinical Conference, 9:30 A.M.

X-Ray Conference, Hillcrest Medical Center, 3:30 P.M.



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Editorial

THE PHARMACIST

In an era when modern medicine has become increasingly complex, the pharmacist has become an invaluable associate of the physician. While he has always played an important role in medicine, it has been only with the amazing growth in therapeutic agents, bewildering in array and multitudinous in form, that his worth has been fully realized. Without his professional know-how the practice of medicine would be difficult if not impossible.

The high level of modern pharmacy is almost entirely due to the high standards of education and ethical conduct which the pharmacist has prescribed for himself. In addition to the requirement of a broad academic education, he has constantly expanded the professional training required for graduation and licensure. He must have not only an encyclopedic knowledge of drugs both old and new, but an accurate understanding of their dosage, composition, purpose, and method of combination in the compounded prescription. The pharmacist has recognized the need for adequate laws to govern the sale and use of these drugs, and he has taken the lead in assuring the passage of such legislation. The result of his combined efforts in education, experience and self-discipline has been the creation of a highly specialized professional man, indispensable to the 20th century doctor.

The pharmacist has encountered many of the public relations problems which have and are facing the doctor. It is not inaccurate to say that some of these problems have been created, unwittingly to be sure, by the doctor and the research scientist himself. At the same time the pharmacist has risen to meet these problems in an admirable style. Working both independently and in cooperation with the medical profession, he has played a vital role in retaining patient good will.

As in all businesses and professions, pharmacy has experienced its own inter-

professional problems. These have been overcome by the gradual development of a self-imposed code of ethics as rigid as that prescribed by medicine for its members. This has largely eliminated such abuses as the "counter prescriber," substitutions of ingredients, the sale of the fly-by-night patent medicine which relies on the concentrated hard-sell campaign, rebating arrangements with the renegade practitioner, and filling of prescriptions in quantities more than actually prescribed. While such practices may occasionally occur, they are the exception. Doctors have found that the pharmacist whose function is one of service to doctor and patient does not countenance such abuses.

Tulsa is fortunate in having a fine group of ethical pharmacists who have taken the lead in raising the standards of pharmacy as an adjunct to medicine and as a public servant. Tulsa doctors are indebted to them and share with them the appreciation of the grateful patient; their services to medicine are frequently beyond the normal limitations of professional obligation.

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MEDICAL TELECAST, DINNER SCHEDULED FOR APRIL 10TH

All Oklahoma doctors have been invited to attend an unusual closed circuit television presentation and dinner at Oklahoma City, April 10, 1957, at the Oklahoma City Golf and Country Club.

Entitled "Fight For A Free World," the program emanates from New York and is being telecast to doctors only at regional points in all states. The program is being sponsored by Pfizer Laboratories and J. B. Roerig & Company. A complimentary social hour and dinner is scheduled for 7:00 P.M., with the telecast at 9:00 P.M.

Lawrence E. Spivak of "Meet The Press" fame will be Moderator, and other panel members will include: Marquis Childs, widely known newspaper columnist; Eugene Lyons, senior editor of Reader's Digest; May Craig, "Meet the Press" panelist; and Ned Brooks, NBC news commentator. The panel will interview General J. Lawton Collins, former Chief of Staff of the United States Army and NATO Commander; Leon Keyserling, economist and presidential advisor; and Vladimir Premsky, former Russian government official.

BLOOD CENTER NEWS

DISTRIBUTION & REPLACEMENT REPORT

February, 1957

Hospital:	Bloods Used:	Replacements:	% Repl.
St. John's	622	324	52.0%
Hillcrest	307	263	85.7%
Byrne	8	10	125.0%
Osteopathic	78	71	91.0%
Mercy	1	2	200.0%
Tulsa Osteo.	11	6	54.5%
Broken Arrow	9	15	166.6%
Moton	11	7	63.6%
Other Hospitals..	89	106	119.1%
Totals	1,267	804	63.4%

Blood demands in Tulsa hospitals continue to show a marked gain. The Tulsa County Red Cross Blood Center provided 2,736 units during the first two months of 1957 as compared with 2,220 for the same period last year—an increase of 516.

In the arthritides... a prudent course



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¹Busse, E.A.: Treatment of Rheumatoid Arthritis by a Combination of Cortisone and Salicylates. *Clinical Med.* 11:1105.

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BOARD OF EXAMINERS

(Continued From Page 12)

and appearances until the Board is satisfied it is safe to lift the probation.

The Board of Medical Examiners conducts these disciplinary measures with as little publicity as possible. "We believe the rehabilitation of the offending doctor is the important objective to be attained," Dr. Lester said. "If his license is revoked he will invariably turn to illegal acts. Through a program of rehabilitation with a minimum of publicity, the doctor can usually be eventually returned to his practice."

Medical quacks and frauds prove a constant problem, but through the past work of the Board many offenders of this type have been stopped in their illegal activities. These frauds are carefully investigated by the Board through its attorney and local law enforcement officers. Where necessary court proceeding are brought through the County Attorney. Cooperation is usually spendid, although the Board has encountered instances where the offender has sufficient political power to resist prosecution. A complete file on known frauds and quacks is maintained by the Board.

The records of the Board of Medical Examiners have been constantly improved through the years and now offer a wealth of information about Oklahoma Medicine. Complete personnel records are kept on all licensed physicians, although it becomes something of a problem to keep up to date with the 2,730 doctors licensed to practice in the State. Physicians are urged to promptly advise the Board of any change of address, additional postgraduate medical education (residencies in particular), and personal statistics (such as certification by Boards, specialty group memberships, etc.).

This information is carefully filed on thousands of cross-indexed reference cards in a Cardineer, a modern rotary drum file permitting ready access to any type of material within a matter of seconds. From it Dr. Lester's efficient secretary, Mrs. Lucy Haidek, Director of the Board's Oklahoma City office, is able to handle dozens of daily inquiries from doctors, other state boards, medical and lay

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organizations, and the general public.

The Board periodically (usually once every two years) codifies Oklahoma medical law and publishes it in a useful booklet containing a directory of all licensed physicians. This valuable reference volume is mailed to all Oklahoma doctors and to licensees in other states. An annual supplement to the Directory is also published in intervening years.

In a recent report of the Board of Medical Examiners, Dr. Lester noted that 986 of the Board's licensed doctors in the State were in cities with populations over 100,000. Another 543 are in cities from 10,000 to 100,000; 192 in cities from 5,000 to 10,000; 165 in cities from 2,500 to 5,000; and 258 in cities under 2,500 population. A total of 2,144 are practicing or residing in Oklahoma, 531 are out of the state, and 55 are in military service.

It is interesting to note from the report that the number of doctors in the larger cities is growing steadily while marked decreases are seen in the smaller towns of Oklahoma. In the year from October 7, 1955, to October 7, 1956, there was a net increase of 51 in cities with populations over 100,000 (Tulsa and Oklahoma City). A gain of only six was recorded in cities from 10,000 to 100,000. All other groups showed a decline. This comes about partially from the fact that older physicians of smaller towns die and are not replaced by new professional blood.

From what states are the doctors licensed in Oklahoma by reciprocity drawn? The answer: Texas (with 40 doctors admitted from that State in the last four years). Runners-up: Kansas, 27; Tennessee, 24; Missouri, 20; Arkansas, 19; and Illinois, 18.

Excluding the University of Oklahoma School of Medicine, the greatest number of licentiates in the last four years have come from the University of Tennessee School of Medicine, closely followed by the University of Arkansas, University of Kansas, and Baylor University medical schools.

In 1956 the Board licensed 164, a sizeable increase over each of the previous years. Of this number, 90 were O.U. graduates licensed by examination.

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**SURGICAL GROUP SCHEDULES
ANNUAL MEETING IN WICHITA**

The Southwestern Surgical Congress has announced the dates of its Ninth Annual Meeting for April 15-17, 1957, at the Broadview Hotel, Wichita, Kansas. The program will include presentations by leading medical doctors, roundtable luncheons, panel discussions, and social events.

Among the guest speakers will be:

Michael E. DeBakey, M.D., Professor of Surgery, Baylor Medical School, Houston, Texas.

K. Alvin Merendino, M.D., Associate Professor of Surgery, University of Washington School of Medicine, Seattle, Washington.

Edgar J. Poth, M.D., Professor of Surgery, University of Texas Medical School, Galveston, Texas.

All physicians are invited to attend. A fee of \$10.00 will be charged of doctors who are not members of the Congress. A sizeable contingent of the 35 Tulsa surgeons who are members are expected to attend.

**HILLCREST MEDICAL CENTER
SETS NEW PATIENT RECORD**

Hillcrest Medical Center of Tulsa served a total of 44,736 patients in 1956, an increase of more than 5,000 over the previous year, a study of the institution's annual report discloses.

A breakdown of the figures includes 21,384 bed patients (for a total of 135,581 patient days), 11,586 emergency room cases, and 11,766 out-patient visits. The Center's medical staff performed a total of 10,249 operations, or 1,331 more than for 1955.

Other interesting statistics contained in the report include: a record 159,397 laboratory examinations performed (an increase of 10 per cent over the previous year); 314 doctors are on the Staff, including 16 honorary members and 65 members of the Visiting Staff; enrollment in the Center's School of Nursing stood at 143 at the year's end; x-ray examinations for 1956 totaled 16,524; about 1,000 prescriptions are dispensed daily by the Center's pharmacy; and nearly 3,000 meals are served daily.

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NEW APPLICANTS

The following physician is an applicant for membership in the Tulsa County Medical Society:

Horace R. W. Vial, M.D. 558 East 46th Street North, Tulsa. Medical Degree, Medical College of Virginia, Class of 1943. Interned at Charleston General Hospital, Charleston, West Virginia, 1943-44. Captain, United States Army Medical Corps, 1944-46. In private practice, South Charleston, West Virginia, 1946-57. General Practice. Recommended by Dr. G. R. Russell and Dr. George M. Adams. By transfer from Kanawha Medical Society (West Virginia Medical Association).



CHILDREN'S MEDICAL CENTER EXPANDS TRAINING PROGRAM

Children's Medical Center of Tulsa was named last month as headquarters for a five-state regional training program for personnel to work with mentally retarded children.

Financed by a grant of \$55,000 from Congressional appropriations, the program will utilize eleven instructors to train personnel in advanced techniques for handling and developing the mentally retarded child. It will be set up on a three-year basis and will utilize the physical facilities of the Center, the Tulsa Child Guidance Clinic, and Sunnyside School.

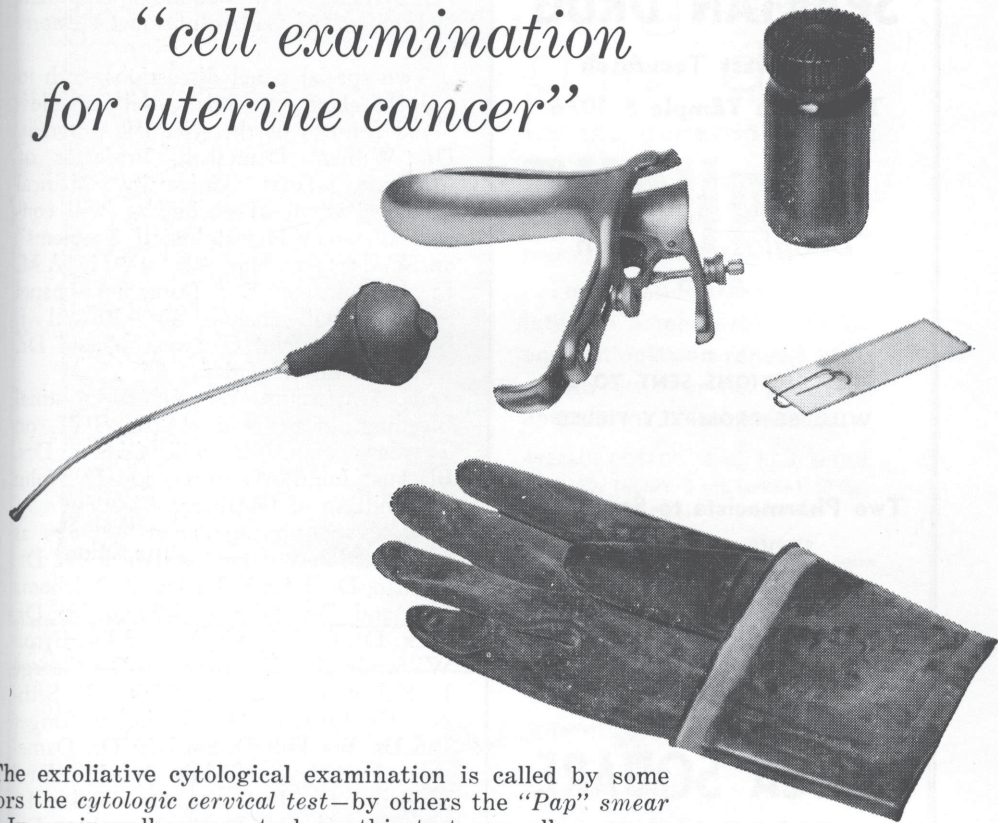
Dr. Paul C. Benton, Medical Director and Administrator of the Center, will serve as Director and Psychiatric Consultant for the new program.

DR. G. R. RUSSELL has been named Chairman for Oklahoma of the American Academy of Pediatrics. He will serve a term of three years.

DR. HARLAN THOMAS has been vacationing in Hot Springs, Arkansas.

AN EXPERIMENT IN MEDICAL NOMENCLATURE INTRODUCING THE TERM:

*“cell examination
for uterine cancer”*



The exfoliative cytological examination is called by some doctors the *cytologic cervical test*—by others the “*Pap*” smear test. In urging all women to have this test annually, we are calling it the *cell examination for uterine cancer*.

Here are our reasons:

Cytologic cervical test is a term which seems complicated to many women.

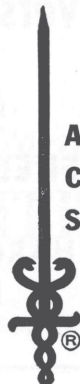
“*Pap*” smear test is simple, but women we have talked to dislike the word “smear” unpleasant and disturbing, and it may add to their anxieties about pelvic examinations.

Public relations advisors say that broadcasters and editors dislike “smear”—and TV, radio and the press will be essential to the success of this educational project.

We have considered other terms but have at last agreed on *cell examination for uterine cancer* as the term which simply and accurately describes the keystone of this vitally important program.

This test can help save thousands of women each year. In many parts of the country it is becoming widely accepted as a part of a routine checkup. As fast as county medical societies approve, our local Units will urge women to go to their physicians annually for a *cell examination for uterine cancer*.

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(Continued From Page 8)

Jefferson Medical College, Philadelphia, Pennsylvania: "The Radiologic Approach in Problems of Gastro-Intestinal Hemorrhage."

Two special panel discussions, each to run for about two hours, will be additional features of the scientific program. Dr. William Dameshek, Professor of Medicine, Tufts University Medical School, Boston, Massachusetts, will conduct one on "Hematological Problems" on Wednesday, May 8th, at 9:45 A.M. In addition to Dr. Dameshek, panel members will include Dr. Russell J. Blattner, Dr. Paul C. Swenson, and Dr. Emil E. Palik of Tulsa.

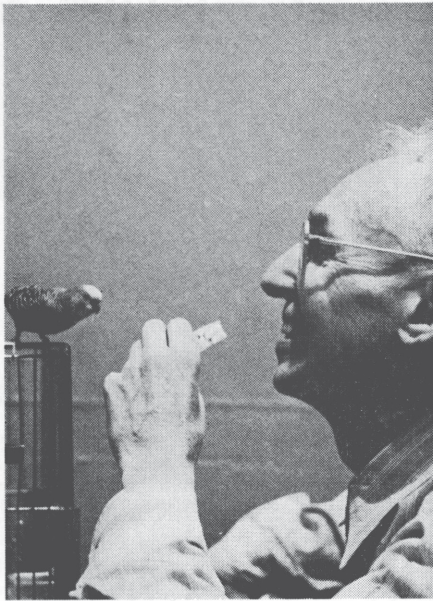
A Symposium on Gastro-Intestinal Bleeding, to be held at 2:00 P.M. on Tuesday, May 7th, will feature Drs. Blattner, Lundy, Swenson, and Dr. John A. Schilling of Oklahoma City.

Local sponsors for guest speakers as announced last month will include: Dr. Allman, Dr. John F. Burton of Oklahoma City and Dr. John E. McDonald; Dr. Beck, Dr. C. S. Lewis, Jr. and Dr. Byron W. Steele, Jr.; Dr. Blattner, Dr. George R. Kriemeyer and Dr. Walter F. Sethney; Dr. Cosgrove, Dr. Walter B. Sanger and Dr. Franklin D. Sinclair; Dr. Dameshek, Dr. N. C. Gaddis and Dr. Emil E. Palik; Dr. Frchman, Dr. Wilkie D. Hoover and Dr. L. A. Munding; Dr. Gofman, Dr. R. W. Goen, and Dr. Samuel Goodman; Dr. Griffith, Dr. E. G. Hyatt and Dr. Felix R. Park; Dr. Lundy, Dr. Howard A. Bennett and Dr. H. B. Stewart; Dr. Oldberg, Dr. H. M. McClure of Chickasha and Dr. Robert L. Imler, Jr.; Dr. O'Heeron, Dr. Henry S. Browne and Dr. Joseph Fulcher; Dr. Swenson, Dr. William M. Benzing, Jr. and Dr. Lucien M. Pascucci.

DR. THOMAS L. OZMENT attended a Glaucoma Symposium at the New Orleans Academy of Ophthalmology, February 11-15, 1957, at New Orleans, Louisiana.

DR. JOHN G. MATT has been vacationing in Florida.

DR. K. C. REESE has been vacationing in Louisiana and Texas.



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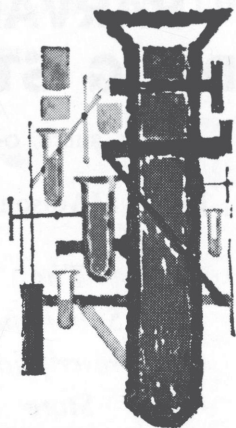
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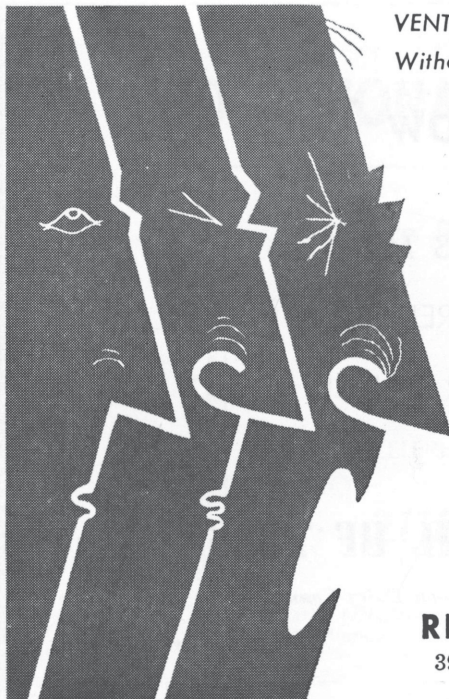
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