

Texas OSTEOPATHIC PHYSICIANS Journal

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EDITORIAL PAGE

The longer one lives, the more he becomes cognizant of the fact that the possessions of greatest value are not for sale. These possessions include the play and laughter of little children, the song of birds, especially in early morning, the feel of the warm earth, the sunset at nightfall, health and happiness;—knowledge and accomplishment. These are possessions that no one can sell or give away.

We have another gift that is not for sale—Osteopathy! We ^{is} as osteopathic physicians, cherish the feeling that we have contributed something for the betterment of humanity. As osteopathic physicians, we have made an accomplishment. We have contributed to the welfare of the human race; however, let us not rest upon our laurels of the past; but forever and eternally continue to advance and progress by study, by education, by participation in community activities, and by devotion and kindness toward our family and friends, that we may in the end be better physicians.

Yes, we have been endowed with a gift that the ordinary professional man has not acquired; so, it behooves us to protect that gift and maintain an organization of which all can be proud.

Texas Osteopathic Physicians' Journal

OFFICIAL PUBLICATION OF THE
TEXAS ASSOCIATION OF OSTEOPATHIC PHYSICIANS AND SURGEONS

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EDITOR DR. PHIL R. RUSSELL

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VOLUME X

FORT WORTH, TEXAS, MARCH, 1954

NUMBER 11

Pathogenesis of Congestive Heart Failure

By HARRY J. BROM, D. O.

Before entering into a discussion, the two classical concepts of the mechanism of congestive heart failure are presented as follows:

The earlier of the two, "Forward Failure Theory," is based upon the idea that cardiac output is decreased and is, therefore, often referred to as the "Decreased Cardiac Output Theory." According to this theory the decrease in cardiac output results in anoxia in the tissues. This is followed by an increase in capillary permeability and edema with the classical clinical picture. This theory requires, therefore, that:

1. The cardiac output must be decreased for the period of the congestive heart failure syndrome,
2. The cardiac output must increase before improvement occurs, and
3. States which decrease the cardiac output must increase the severity of the congestive heart failure.

In the "Backward Failure Theory," it is stated that overwork of the heart leads to dilation of the ventricle with the accumulation of blood because of a decrease in cardiac output (probably for only a few beats), an accumulation of blood in the atrium and then in the veins with a resultant increase in venous pressure and venous blood volume. This is followed by an increase in intracapillary hydro-static pressure, circulatory stasis, capillary endothelial anoxia

and an increase in capillary permeability with the resultant edema and classical picture of congestive heart failure. This theory would necessitate at least:

1. A decrease in cardiac output at some time,
2. High protein concentration in the edema fluid, and
3. Increase in venous pressure before the onset of congestive heart failure.

There are many observers who believe that both theories are required to explain the clinical picture of congestive heart failure.

In cardiac edema, there is an increase in volume of all of the fluid compartments, that is, (1) volume of the blood, (2) volume of the intercellular fluid, and (3) volume of the intracellular fluid. The intercellular fluid is isotonic, at a pH of 7.4, essentially normal in electrolyte concentration and relatively low in protein concentration (0.5 grams per 100 cc.). The concentration of the blood and intracellular fluid are fairly well known and must be kept in mind.

The Pathogenesis of Individual Manifestations of Congestive Heart Failure:

Dyspnea has been attributed to an inadequate cardiac output and consequent ischemia of the respiratory center. But dyspnea is an early symptom of left heart failure and in early heart failure

the cardiac output is usually normal. The cardiac output falls as heart failure advances. Yet dyspnea may be alleviated when progressive heart failure affects the right as well as the left cardiac chambers. In cases of constrictive pericarditis and, more strikingly, in cases of acute circulatory failure (shock) there is a pronounced diminution in cardiac output with minimal or no dyspnea. Comparative studies of the oxygen content of arterial and internal jugular blood in patients with cardiac dyspnea showed no increase in arterio-venous oxygen difference, as would be anticipated if there were slowing or insufficiency of the cerebral blood flow. Thus the occurrence of dyspnea in heart failure cannot be correlated with a reduction either in cardiac output or in the blood flow to the respiratory center.

Blood Chemical Changes and Dyspnea:

Numerous observations indicate that dyspnea cannot be related to chemical changes in the blood which might result from heart failure. The oxygen and carbon dioxide content and the pH of the blood are the pertinent factors. Only the composition of arterial blood, which supplies the respiratory center and carotid sinus, is significant.

Pulmonary Congestion and Rigidity as the Cause of Cardiac Dyspnea:

The weight of evidence supports the belief that cardiac dyspnea is due, as a rule, to pulmonary congestion resulting from left-sided heart failure. From

the clinical-pathologic viewpoint this concept is supported by the observation that dyspnea is the essential symptom of left-sided heart failure and that pulmonary congestion is the essential pathologic feature.

Pulmonary congestion disturbs respiration either (a) by hampering the diffusion of oxygen and carbon dioxide and thus impairing aeration of the blood or (b) by interfering mechanically with the expansion and retraction of the lungs. We have seen that chemical changes in the blood do not account for the usual cardiac dyspnea and therefore, any impairment in aeration is well compensated. It remains to discover by what means mechanical disturbances in pulmonary expansion and retraction account for most instances of cardiac dyspnea.

The Hering-Breuer Reflex

Normal involuntary respiration is dependent on the Hering-Breuer reflex, in which the changing alveolar tension is the stimulus, the vagus nerve is the afferent arc to the respiratory center, and the intercostal and phrenic nerves are efferent pathways to the intercostal and other muscles of respiration, including the diaphragm. A diminished alveolar tension results in muscular expansion of the chest wall followed by pulmonary expansion due to the increasing negative pleural pressure. The high intra-alveolar tension at the peak of inspiration causes reflex relaxation of the chest wall and

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the intrinsic elasticity of the lung causes pulmonary retraction.

Pulmonary Congestion and Reflex Stimulation of Respiration

Experimental evidence supports the theory that pulmonary congestion stimulates respiration by way of the Hering-Breuer reflex and thus causes the rapid, shallow breathing of cardiac dyspnea. The production of pulmonary congestion in cats and dogs by pulmonary vein ligation and infusion of blood into pulmonary artery, or by multiple pulmonary embolization, caused rapid shallow breathing which disappeared after section of the vagi. The altered respiration was unassociated with changes in the chemical composition of the blood.

Pathogenesis of Orthopnea

Since essentially the same factors are concerned in the pathogenesis of orthopnea as of any other form of dyspnea, we will consider only the role of the recumbent position in the promotion of dyspnea. Again it must be emphasized that, like dyspnea, cardiac orthopnea is a cardinal symptom of left-sided heart failure and is due fundamentally to pulmonary congestion. Furthermore, when the right side of the heart fails and pulmonary congestion is relieved, orthopnea is often alleviated despite the elevation of venous pressure, peripheral tissue stasis and other related phenomena.

Increased Pulmonary Congestion in Recumbent Position

There is considerable evidence that there is a shift of blood from the upper half of the body to the splanchnic area and lower extremities with assumption of the erect position, and the reverse with recumbency. This gravitational shift of blood is noted clinically in the altered degree of filling of the superficial veins of the extremities and was demonstrated plethysmographically by Atzler and Herbst. The circulating blood volume is increased in the recumbent position. It may be presumed

that in recumbent position the shift of blood to the thorax from the lower extremities and splanchnic viscera increased pulmonary congestion. Most significant are the observations that the cardiac output, and therefore the venous return, are augmented when an individual changes from an upright to a recumbent position. In the presence of left-sided failure, such an increase in venous return intensifies pulmonary congestion as explained under the effect of exercise.

Gravity not only affects the distribution of blood between the thorax and lower half of the body, but also, between the heart and lungs within the thorax. Dock pointed out that when a person is recumbent the blood from the pulmonary venous bed must be elevated 4 to 7 cm. against gravity to reach the left ventricle, while when the person is erect the blood descends 3 to 5 cm. Because of this gravitational disadvantage of blood flow from the lungs to the left ventricle, there is a relative increase in pulmonary congestion in the recumbent position.

Mechanical Interference with Pulmonary Ventilation in Recumbent Position

When the patient with cardiac orthopnea reclines, the diaphragm is elevated and consequently interferes with thoracic breathing by shortening the thoracic compartment available for expansion. The mechanical factor is especially important in the presence of cardiac ascites, enlarged liver and abdominal tympanites which not only elevate the diaphragm, but also, interfere with diaphragmatic breathing.

Mechanism of Precipitating Factors in Paroxysmal Dyspnea or Cardiac Asthma

Recumbency. Often the patient suffers from orthopnea while awake and therefore goes to sleep while propped up on pillows. The attack of dyspnea is precipitated when he slides down during sleep to a more horizontal position. The

significance of this factor is confirmed by the frequency and rapidity with which an attack is relieved as soon as the patient sits up or gets out of bed to go to a window. The mechanisms involved were discussed under orthopnea. The main factor is a redistribution of blood which increased the return to the right side of the heart and lungs.

Sleep. A characteristic feature of cardiac asthma is its occurrence after patients fall asleep. It has been assumed that the diminished irritability of the central nervous system when the patient is asleep permits the lungs to become much more engorged as a result of recumbency than when he is awake. When the patient is awake, reflex hyperventilation and slight dyspnea appear before pulmonary congestion is intense and the patient consciously or unconsciously assumes a somewhat oblique, if not completely vertical position. During sleep, however, the degree of congestion may become so great as to be associated with bronchial spasm, edema and transudation into the alveolar spaces. Then the resumption of the erect position may not be adequate to stop the attack immediately. The cough is usually manifested after the attack has already begun and is not a precipitating factor.

Pathogenesis of Acute Pulmonary Edema

Attacks of acute pulmonary edema are essentially severe episodes of paroxysmal dyspnea which are due to the same fundamental factor of sudden intensification of the pulmonary congestion of left-sided heart failure. This concept is supported by the frequent occurrence of pulmonary edema in the same patients as suffer from cardiac asthma, its development under similar circumstances (except that it occurs at any time of the day and not necessarily after retiring), and the common transition of an attack of cardiac asthma into one of pulmonary edema.

The precipitation of pulmonary edema by intravenous infusions of saline or plasma or by transfusions of blood, and its occurrence in mitral stenosis after strenuous exertion, during pregnancy or post partum, supports the theory that pulmonary edema, like cardiac asthma, may be elicited by a sudden augmentation of the venous return and intensification of pulmonary congestion. Conversely, acute pulmonary edema is often relieved by venesection or the application of tourniquets to the extremities—factors which reduce the venous return. Experimentally, Welch, long

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ago, demonstrated in rabbits that pulmonary edema could be produced by compression of the left ventricle or aorta and by ligation of most of the pulmonary veins, procedures which diminished the left ventricular output and caused intense pulmonary congestion.

The chief difference between pulmonary edema and cardiac asthma is the occurrence in the former of a much more extensive exudation of edema fluid around the septal vessels, within the alveoli, in the bronchia walls and in their lumens. The edema results from a pronounced increase of the hydrostatic pressure in the pulmonary capillaries due to the intensification of pulmonary venous engorgement. The relatively high protein content (2 to 4 percent) in edema fluid suggests that increased permeability of the vessel walls facilitates the formation of pulmonary edema.

Pathogenesis of Cheyne-Stokes Respiration

Two factors are concerned in the development of Cheyne-Stokes respiration: (1) a diminished sensitivity of the respiratory center and (2) a relatively inadequate concentration of carbon dioxide to stimulate the respiratory center.

The Cycle of Cheyne-Stokes Respiration

The subsequent waxing and waning of periodic respiration is explained as follows: During the initial apnea, there is a progressive reduction in arterial oxygen saturation.

Arterial anoxemia stimulates the carotid sinus and thereby the respiratory center to resume respiration. At the same time an increase in carbon dioxide tension during the apneic phase directly stimulates the respiratory center. This sudden and exaggerated stimulation of the respiratory center by both anoxemia and excess of carbon dioxide results in an overshooting of the crescendo phase of respiration, with resulting hyperpnea. This exaggerated hyperpnea again excessively reduced the carbon dioxide

content of the blood and is followed by waning respiration, apnea and a repetition of the cycle.

Pathogenesis of Cardiac Edema

Sodium-Water Retention. Cardiac edema has long been attributed primarily to an increased venous pressure and consequently to an elevated hydrostatic pressure within the capillaries. In recent years emphasis has shifted to the importance of sodium and water retention within the body, for without it generalized edema cannot occur. The discovery that in congestive heart failure there is an impaired renal excretion of sodium has called attention to the importance of the kidney in the edema of heart failure and has led to a revision of previous sharp distinctions between renal and cardiac edema. The therapeutic efficacy of extreme reductions in sodium intake and likewise of mercurial diuretics, which produce notable increase in sodium excretion, has reinforced the belief that sodium balance is the cardinal factor in the production and disappearance of edema. Similarly, the production of edema in patients with Addison's disease by excessive dosage of desoxycorticosterone and sodium stresses the importance both of sodium and renal function, because desoxycorticosterone promotes renal tubular reabsorption of sodium.

Pathogenesis of Cardiac Hydrothorax

The accumulation of fluid in the pleural cavities (Hydrothorax) in the
(Continued on Page Sixteen)

Our Apologies to Dr. J. T. Calabria

The February Journal carried a constitutional amendment credited to Dr. J. T. Calabria. It should have been carried under the heading of Dr. Van de Grift. Our apologies to Dr. Calabria for this error.

CONVENTION PROGRAM PRESENTS



STUART F. HARKNESS, D. O.

Graduate of Philadelphia College of Osteopathy 1938; Active practice at Harrisburg, Pennsylvania 5 years; Extensive postgraduate work in internal medicine at osteopathic and medical centers; Member American College of Osteopathic Internists; From 1949-1953, chairman of Department of Osteopathic Medicine, Des Moines Still College of Osteopathy and Surgery.



E. H. GABRIEL, D. O.

Graduate of KCOS 1938; School Fraternity, Iota Tau Sigma; Interned at KCOS Hospital; Past President of Tulsa District Osteopathic Association; Practiced in Tulsa, Oklahoma, 15 years; Dermatology: Nine years as an unrestricted specialty; Post Graduate Work with Dr. A. E. Scardino, Kansas City, Mo., and Dr. Donald Gardner, Los Angeles, California.



W. E. WINSLOW, D. O.

Graduate of Kirksville College of Osteopathy and Surgery 1938; Interned Sparks Hospital 1939; Surgical preceptorship under Dr. Sam Sparks; Member of the College of Surgeons; Assistant in surgery to Andreas Plenk, Linz, Austria, 1953; Special work under Dr. Tassilo Antoine of Vienna, Austria, Dr. Gustav Halter of Linz, Austria, Dr. Hans Hinselmann of Hamburg, Germany, on "Diagnosis of Carcinoma of the Cervix."

March, 1954



MR. GARLAND A. SMITH

Life Insurance Commissioner and Chairman of the Texas State Board of Insurance Commissioners.

Newspaperman by profession, has been a State Official in several capacities since 1940.

Past President of Texas Young Editors, and of South Texas Press Association, and presently a director of the Texas Press Association.

He has served as assistant State Treasurer, Secretary of Senate, and Adminis-

trative Assistant to Governor Allan Shivers.

In 1953 he was appointed by Governor Shivers as Life Insurance Commissioner and Chairman of the Texas State Board of Insurance Commissioners.

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By C. D. OGILVIE, D. O.

Chairman, Statistic and Locations

BROWNSBORO, Henderson County, Texas: Offers a good opportunity for a well qualified osteopathic physician. Every physicians who has located in this small community has done exceedingly well but has moved to a larger city. Anyone interested contact Dr. Joseph Brown of Coats-Brown Clinic and Hospital, Tyler, Texas.

NOTICE OSTEOPATHIC HOSPITALS BIG MEETING

March 26-27, 1954

Stoneleigh Hotel, Dallas, Texas

Hospitals administrators cannot afford to miss this meeting.

It is a regional conference of American Osteopathic Hospital Association.

Business meeting of Texas Osteopathic Hospital Association is Saturday afternoon, March 27.

Get your record clerk enrolled in school for record clerks March 22-26, Stoneleigh Hotel, Dallas, Texas.

Two Distinguished Members Of Profession

Address KCOS Meetings

Dr. Allan A. Eggleston of Montreal, Quebec, Canada, president of the American Osteopathic Association, and Dr. William B. Strong of Garden City, N. Y., chairman of graduate education for the osteopathic society of the state of New York, addressed All-College Meetings at the Kirksville College of Osteopathy and Surgery last month.

On February 22 Dr. Eggleston addressed the students and faculty on the annual visit of the AOA president. He spoke on considerations in choosing a location for practice and the responsibilities of the graduating physician to his professional organization. Dr. Strong addressed the All-College Meeting on February 10 during a week he spent in Kirksville as guest lecturer at the College. He discussed the management of certain types of heart diseases as related to the osteopathic concept in the management of disease.

March, 1954

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50 KCOS Seniors Receive First Aid Instructors' Certificates

Fifty seniors at the Kirksville College of Osteopathy and Surgery were awarded first aid instructors' certificates by the American Red Cross February 12, upon completion of a 15-hour course. James Nordstrom, representative of the midwestern area for first aid and water safety, was the instructor for this course, which was entirely voluntary. Classes were held at the Hospital each morning during the week from 9:00 a. m. until 12:00 noon.

This instructors' course provides the opportunity for the osteopathic student to qualify as an approved instructor for the Red Cross following graduation.

Surgeons Report Surgical Wounds Heal Well Without Dressing

CHICAGO (AOA)—Three surgeons reported that they had obtained satisfactory healing of surgical wounds without using bandages or other dressings.

They said there was evidence, which will require further study and evaluation, however, that less infection-causing bacteria accumulated on the uncovered wounds than when the usual dressings were used. They stated:

"The concept, widely held since the aseptic era of surgery, that dressings aid in preventing bacterial infection may accordingly require alteration."

THE DEPARTMENT OF GRADUATE EDUCATION
of the
KANSAS CITY COLLEGE OF OSTEOPATHY AND SURGERY

Through its Division of Internal Medicine
Announces a Course in

ELECTROCARDIOGRAPHY

To Be Given During the Week of April 25 Through May 1, 1954

Due to the popular response of Dr. Rosen's course in electrocardiogram the Division of Graduate Education announces a post graduate course in the fundamentals of electrocardiology, to be given April 25 through May 1, 1954. The course will consist of 18 hours of basic electro-physiology of the heart and 18 hours of clinical reading and interpretation of normal and abnormal electrocardiograms. The lectures and demonstrations will be given 3 hours in the morning and 3 hours in the afternoon, a total of 6 hours per day for 6 days.

Dr. Jacob Rosen, lecturer on pharmacology and cardiology of the Kansas City College of Osteopathy and Surgery, will be the instructor for the entire course. Dr. Rosen's presentation is one that indicates simplicity and scholarship. He is well known for his able presentation of simplicity and scholarship. He is well known for his able presentation of interpretive readings of electrocardiograms.

The tuition for the course is \$150.00 with a \$50.00 deposit, in order to reserve a place in the course. A limit of 30 will be allowed to take the course

in order that it may be kept upon a more personal instruction.

At the completion of the course, a certificate will be issued by the College, stating that 36 hours of post graduate work in electrocardiology was taken. In regard to this course, please write to the Director of Graduate Education, 2105 Independence Avenue, Kansas City 24, Missouri.

**Claims Rapid Influx of
Foreign Doctors**

Threatens Organized Medicine

CHICAGO (AOA)—Dr. Willard C. Rappleye, New York, told the 50th annual Congress on Medical Education and Licensure, meeting here at the Palmer House, that the recent rapid influx of foreign doctors is worrying organized medicine.

Dr. Rappleye, dean of the medical faculty at Columbia University, contended that many of these alien physicians are poorly trained, and said that they threaten the country's medical standards.

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May 1, 1954 at 1:00 P. M.

Dr. Wilbur W. Baldwin, program chairman, offers the following program:

"External Version" ROSS M. CARMICHAEL, D.O.

"Problems of the New Born" DOROTHY J. MARSH, D.O.

"Obstetrical Anesthesia and Analgesia"

Panel Discussion PAUL A. STERN, D.O.

HELEN K. GAMS, D.O.

ARMIN L. KARBACH, D.O.

This program is highlighted by Dr. Dorothy J. Marsh of Los Angeles, California, certified obstetrician and surgeon.

Jerry O. Carr, D.O., president of the Texas Association of Osteopathic Pediatricians and Gynecologists, extends an invitation to pediatricians to attend this program to hear Dr. Marsh on "Problems of the New Born."

He calls your attention to the fact that to attend this program you must have registered at the annual convention of the Texas Association of Osteopathic Physicians and Surgeons at Hotel Texas, April 29-30, May 1, 1954.

Osteopathic Society of General Practitioners Meet

The seminar on internal medicine conducted by the Texas Society of General Practitioners of Osteopathic Medicine and Surgery was held at the Stephen F. Austin Hotel in Austin, Texas, January 29, 1954, and was well attended by doctors representing most of the districts in the state.

Dr. W. A. Thomas, internist, who has recently located in Houston, and who has finished a residency in internal medicine at the Detroit Osteopathic Hospital, was the featured speaker. His material was well received, and the doctors all felt that they had benefited greatly from the discussions held at the meeting. All arrangements were handled by Dr. Joe Love who did a splendid job. The annual meeting of the General Practitioners will be held in con-

junction with the State Association convention in Fort Worth.

It is hoped that all general practitioners in the state will join this growing organization and will be in attendance at the annual meeting. Those of you who do not belong to the society are welcome to attend our meeting, and we shall be pleased to have you attend.

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Hospital Administrators Notes

The week of March 22-27 will be a busy one for the American Osteopathic Hospital Association in Dallas, Texas.

For the first five days, March 22-26, the third annual Medical Records Librarian's training school will be in session at the Stoneleigh Hotel in Dallas. This intensive training course specializes in up-to-the-minute methods for handling medical records and is of equal profit to the beginning or part-time librarian or the experienced worker.

Dean of the school is Ralph F. Lindberg, D. O., medical director of Detroit Osteopathic Hospital, who is well-known for his ability in organizing and planning medical records work.

Teachers will be Miss Mary Veit, record librarian of Grand Rapids Osteopathic Hospital, Grand Rapids, Michigan, and Mrs. Esther Gilson, record librarian at Clare General Hospital,

Clare, Michigan. Miss Veit taught at the two previous schools and Mrs. Gilson taught at the Detroit school last year. They represent 20 years' experience in every phase of medical records work. Osteopathic physicians will lecture on anatomical terms.

The last two days of the week, March 26-27, will be in the nature of a premiere performance. The Stoneleigh Hotel will house the first area institute to be given by the American Osteopathic Hospital Association. This Southwest Area Institute for administrators and key personnel will feature speakers, discussions, panel programs and problem clinics on the theme, "Better Hospital Administration."

Subjects to be covered in the institute will include "Solving Administrative Problems in the Small Hospital," "Developing an Adequate Nursing Staff," "Personnel in Small Hospitals," "Small Hospital Office Problems," "Good Purchasing to Save Dollars," and "1954 Standards for Approved Hospitals."

Leaders for this first Southwest Area Institute will be Mr. Edward Barron, business manager of Detroit Osteopathic Hospital; Mr. Keith Bowker, administrator of Flint Osteopathic Hospital, Flint, Michigan, and president-elect of AOHA; Mr. R. P. Chapman, executive secretary of AOHA; and Merle Griffin, D. O., Corpus Christi, Texas, president of the Texas Association of Osteopathic Physicians and Surgeons.

American Hospital Association To Study Eisenhower's Plan

CHICAGO (AOA)—American Hospital Association trustees recently named a special committee to study President Eisenhower's proposed health program.

Richard E. Heerman, Los Angeles, president, told officials of state and regional groups the AHA "generally applauded the president's program."

March, 1954

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MRS. JERRY O. CARR

(From FORT WORTH STAR-TELEGRAM)

Mrs. Jerry O. Carr, 3740 W. Biddison, president of the auxiliary to the American College of Osteopathic Obstetricians and Gynecologists, is in Los Angeles with her husband to attend a meeting of the organization.

Notice of Examination

The next examination of the Texas State Board of Examiners in the Basic Sciences has been set for April 23 and 24.

It is the policy of the Board to give the exam in Austin, and, if there is a great demand in an area far from Austin, to give it there too if requested to do so. Details as to the exact time and place may be obtained by writing to Mrs. Betty Ratcliff, Chief Clerk, 407 Perry-Brooks Building, Austin, Texas.

All arrangements should be completed one week before exam time, and those interested should act immediately.

Son of Past-President Hampton Member of Gallon Donors Club

KIRKSVILLE, Mo.—Donald Hampton, Jr., son of Dr. Donald V. Hampton, immediate past-president of the AOA, is among the 29 members of the Gallon Donors Club in Adair County. Don is a KCOS student.

March, 1954

Dr. Willard New Resident In Surgery at KOH

Dr. Ralph L. Willard of Manchester, Iowa, assumed his new duties as resident in general surgery at the Kirksville Osteopathic Hospital on February 1.

Dr. Willard was graduated from the Kirksville College of Osteopathy and Surgery in 1949 and completed an internship at KOH in 1950. He then engaged in general practice in Manchester until recalled to military service in 1952. During World War II he served as a bomber pilot with the 8th Air Force. He was stationed on Okinawa when recalled for service in the war in Korea. In March 1953 he was separated from the service with the rank of captain and re-entered practice in Manchester. He will be joined shortly by Mrs. Willard and daughters, Laurie, Jane and Ann. They will reside at 1 Scott Street Terrace.

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An Osteopathic Institution

Pathogenesis of Congestive Heart Failure

(Continued from Page Six)

course of congestive heart failure is due to the same factors which cause subcutaneous edema.

Pathogenesis of Ascites

Ascites, like the transudate in the pleural cavities is due fundamentally to the increased venous pressure which accompanies right-sided heart failure. Here too, however, increased permeability is relatively more important than in the formation of edema, because, as Salvesen and Linder have shown, the ascitic fluid contains 2 to 3 percent of protein as compared with less than 0.5 percent in edema fluid. Despite this, ascites occurs less often than subcutaneous edema and later in the course of congestive heart failure.

Pathogenesis of Cyanosis

The blue coloration of the skin, which cyanosis signifies, is due to the reduced hemoglobin of the blood. The intensity of cyanosis depends on (1) the amount of reduced hemoglobin in the blood and (2) the amount of blood visible in the superficial vessels of the skin.

Pathogenesis of Icterus in Heart Disease

Jaundice is due to an excessive amount of bilirubin in the blood serum. While hyperbilirubinemia is present in many patients with congestive heart failure, it is sufficient to produce jaundice only in about 4 percent of them, most often

in those with combined mitral and tricuspid valvular disease. The significant clinical features of these cases with jaundice are severe and long-standing passive congestion of the lungs and the liver, and the great frequency of pulmonary infarction.

There is evidence that the hyperbilirubinemia is due to impairment of the liver function. This is indicated not only by hyperbilirubinemia itself, but also, by the increase in urobilinogen in the urine and by the bromsulfalein test or hepatic function. However, in the presence of heart failure there is uncertainty as to the interpretation of the latter test. In patients with frank jaundice associated with heart failure there is a prompt and direct van den Bergh reaction, but more often patients with heart failure have a slight hyperbilirubinemia and an indirect van den Bergh reaction. The impairment of liver function may be due to oxygen deficiency, and this in turn is caused partly by deficient pulmonary aeration in consequence of extensive pulmonary infarction. Clinical observations suggest that jaundice and presumably hepatic damage in congestive heart failure are correlated with very high venous pressure and prolonged duration of the latter.

Pathogenesis of Gallop Rhythm

There are three main types of gallop rhythm: 1. The protodiastolic, 2. The presystolic and 3. summation gallop. In addition there are instances in which

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an extra sound of uncertain origin occurs during systole. This has been termed systolic gallop or systolic click, but its mechanism and significance differ greatly from the usual forms of gallop rhythm.

Pathogenesis of Pulsas Alternans

Pulsus alternans is an evenly spaced alternation of strong and weak cardiac or pulse beats. It occurs most frequently in cases of left ventricular failure, especially those due to hypertension or coronary arteriosclerosis, but it has been observed also in association with auricular or ventricular tachycardia. The alteration in pulse is most generally attributed to a corresponding alteration in the strength of ventricular contraction and, therefore, in the amount of blood ejected into the peripheral arteries. The interval between beats is approximately unchanged, but the weak beat is slightly

delayed due to slower transmission of the pulse wave.

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1. Pathologic Physiology — Mechanisms of Disease—Sodeman
2. A Primer of Cariology—Burch Reaser
3. Textbook of Medicine—Cecil.
4. Diseases of the Heart—Friedberg

Good Public Relations Dr. Virginia Ellis Speaks On Mental Health

Dr. Virginia Ellis of Fort Worth addressed the Women's Study Club of Canton, Texas on March 3. This meeting was the club's annual guest day, and there were over fifty members and guests present.

Mrs. John S. Turner presided at the meeting. Dr. Ellis spoke on Mental Health, stressing the importance of individual evaluation in the meeting of the problems of each day, and the close correlation between physical and mental health.

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Abstracts

By DR. LOUIS GUSTAVE MANCUSO

Treatment of Hodgkin's Disease and The Lymphosarcomas.

Meyer—JAMA 1542 - 1954

In this paper the author presents the treatment of Hodgkins disease, the lymphoid cell type of lymphosarcomas, follicular lymphoblastoma, and the reticulum cell sarcoma. It follows that the therapy of leukemia, particularly lymphocytic leukemia might also be included, since the same as similar measures are often employed for this disorder with some success. Roentgen therapy is discussed and a case history is evaluated. Radium Radioactive substance, Nitrogen Mustard and Triethycae melamice as therapeutic agents are evaluated and a brief, concise description of medication is given. It is stated that important adjuvants in the treatment of the patients include a high calorie well balanced diet, administration of iron, antibiotics, transfusion and surgical measures.

It is an informative paper well written and easily read. This article is well worth reading in the original.

* * *

Therapeutic Observations

The utilization of diuretics in the management of various syndromes is becoming more evident. Migraine, menopausal and even angina pectoris are now being treated by the therapeutic use of diuretics. It is plausible to assume that the delicate balance or equilibrium of the "internal Milieu" is upset and altered by the absorption and retention of water in the various tissues of the body. Water metabolism is being stressed more and more in the treatment

of many diseases and syndromes, especially those of an endocrinological etiology.

* * *

A new Therapy for Angina Pectoris: Angina Pectoris and Water Metabolism. Foldes. New York State Journal of Medicine, 53. June, 1953.

A mercurial diuretic was given to 21 cases of angina pectoris in doses of 1cc intramuscularly a week to determine whether retentional fluids were in any way responsible. In 19 of the 21 cases it was found that the attacks became less frequent and the addition of aminophylline to the therapeutic regimen enhanced the effect of the mercurial diuretic and the attacks became less frequent and severe. The author is of the opinion that diuresis is a factor in the etiology of anginal attacks. A controlled therapeutic trial is indicated to further substantiate the results of this trial.

* * *

Excretion of Ammonium in Cases of Acute Tubular Necrosis with Acidosis and Alkaline Urine.

H. L. De Oliveira. Metabolism (Metabolism) 2, 36-46, Jan. 1953. 8 figs., 11 refs.

Acidification of the urine through the carbonic anhydrase system has been shown to be a direct consequence of lowered bicarbonate concentration in the glomerular filtrate. Increased acidity of the tubular fluid might, on theoretical grounds, lead in turn to increased ammonia production, the process being one of diffusion of intracellular ammonia into the acid tubular fluid. Evidence against this view is provided by the study of the renal defect in acute tubular necrosis in which an alkaline urine is produced in the presence of acidosis.

The author has investigated 4 cases of acute tubular necrosis, one following blood transfusion and 3 due to mercuric

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poisoning, at the Hospital das Clinicas, Sao Paula, Brazil. Observations were also made on 2 patients with normal kidney function. Urinary excretion of titratable acid and ammonium was determined before and during acidosis induced by the oral administration of ammonium chloride. An inability to acidify urine was manifest as early as the onset phase preceding anuria. Ammonium excretion was reduced at the beginning of the daily diutetic phase in proportion to the low rate of urine production. With increasing urinary output the ammonium excretion increased to high normal values, though the urine remained alkaline.

Dr. Wallace M. Pearson Files for Re-election

Dr. Wallace M. Pearson, chairman of the department of structural diagnosis at the Kirksville College of Osteopathy and Surgery has filed his candidacy for Representative from Adair County General Assembly of Missouri, subject to the Republican primary in August.

Dr. Pearson is serving his fourth term in the House of Representatives. During these eight years he has served on House committees on Public Health, Appropriations and Banks and Banking. For three terms he has been on the committee on Elections and one term each on Savings and Loan and Soil Conservation and Flood Control committees. During the present session Dr. Pearson is chairman of the Committee on Public Health and vice-chairman of the Appropriations committee.

Surgeon's Hall of Fame To Be Established Here

CHICAGO (AOA) — An international Hall of Fame will be established here, it was recently announced.

Dr. Max Thorek, founder of the International College of Surgeons, said the hall will adjoin the headquarters

March, 1954

of the International College which is just a few blocks north of the AOA.

Each country will nominate its own candidate. Final selection will rest with 100 medical historians throughout the world, except those behind the Iron Curtain. No living surgeon will be eligible.

Dr. Thorek said nominees will have made their contributions a minimum of 15 to 20 years previously so that the work can be evaluated. The hall will be dedicated in September with nominations expected to start next year.

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MEDCALF and THOMAS

Osteopathic Credit Union Elects President, Officers

LOS ANGELES—Dr. J. Gordon Hatfield was elected president of the Osteopathic Credit Union at the group's annual meeting this month in the offices of the California Osteopathic Association here.

Also named were Dr. Dorothy Marsh, vice-president and Dr. Thomas C. Schumacher, secretary - treasurer. Dr. Harper L. Dott was newly elected as a member of the board of directors. All are from Los Angeles. Dr. Carl Riedel, Whittier, was re-elected to the board of directors, which is comprised of the new officers and Drs. Riedel and Dott.

Purpose of the Osteopathic Credit Union is to help young doctors of osteopathy newly started in practice. Funds come from members of the profession. A yearly dividend of four per cent was declared by the group at the meeting.

Physician Cites Doctor Shortage In N. Y., Country

NEW YORK—Dr. Marcus D. Kogel, hospitals commissioner here, said that all ambulances throughout the city responding to calls for aid were being sent without physicians except in the case of disaster calls.

Dr. Kogel, in a television interview, further stated that a shortage of physicians was general throughout the country. He said:

"There are 12,000 vacancies for internships in this country and only 6,000 interns to fill them. There is even a greater shortage of nurses and we have more untrained persons taking care of the sick than ever before in modern medicine."

DEATHS

Dr. Chester C. Summers, Houston, Texas, died February 16, 1954.

Oregon D. O. "Adopts" Korean Boy; Son of College Chum

CHICAGO (AOA)—Sam Whong, a Korean boy of 16, will get an education in this country the same as his father did, thanks to the efforts of Dr. and Mrs. Fred S. Richards of Forest Grove, Ore.

Twenty years ago Dr. Richards and Sam Whong, Sr. were classmates at Huron College in South Dakota, both graduating in 1933. Whong, Sr. obtained a master's degree from the University of Oregon and returned to Korea where he served as assistant minister of education.

Dr. Richards, a surgeon and urology specialist, wrote to Huron College alumni and received money to help bring young Sam to Forest Grove. As the "temporarily adopted" son of Dr. and Mrs. Richards, he is in the United States on a special eight-year visa.

A graduate of the Los Angeles College and member of the American College of Osteopathic Surgeons, Dr. Richards is national chairman of the Laymen's Fellowship of Congregational Christian churches, and has been both president and secretary of the Oregon Osteopathic Association.

Doctor's Daughter Stars In 3-D Movie "Hondo"

KIRKSVILLE, Mo.—Miss Geraldine Page, daughter of Dr. and Mrs. Leon E. Page, is starring opposite John Wayne in the 3-D western "Hondo", which is currently playing in theaters throughout the country.

Born in Kirksville in 1924, Miss Page has carried many lead roles on Broadway, but this is her first major lead in the movies.

Dr. Page, a recent member of the faculty at the Chicago College of Osteopathy, is now the editor of the Academy of Applied Osteopathy and resides in Florence, Ariz.

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President of American Optometric Association Calls Danger to the Profession "Creeping Death"

CHICAGO (AOA)—Dr. James F. Wahl, O. D., told members of his profession at the Heart of America Congress in Kansas City that many experts on visual care trends feel that "by 1963 there may be 10,000 optometric ghost offices in the United States and Canada."

Dr. Wahl stated that former occupants of these once-productive professional offices may consider themselves lucky to be taxi-drivers, bank clerks, mechanics or "flunkies" in someones refraction mill.

"Failure to recognize and to combat an insidious disease has already eaten the heart out of many once-successful practices in urban centers," he said.

"Within the next ten years," he added, "it may well kill off or drastically affect the economy of every optometric practice."

The public's increasing acceptance of various organized schemes—all directed to the end of furnishing "so-called" visual care at "bargain" rates and glasses (of questionable quality) at "cut prices" is what is causing this "creeping death," said Dr. Wahl.

Dr. Wahl pointed out that these plans are popular and are being supported by an ever increasing number of people.

"Wonders of Man's Body" Featured in March OM

CHICAGO (AOA)—The first of a series of articles titled "Wonders of Man's Body" will be featured in March issue of Osteopathic Magazine. Cleveland S. Simpkins, A.B., Ph.D., professor of anatomy at Chicago College of Osteopathy, is the author of this interesting series on the study of human anatomy.

Television Now Being Used In Blood Count

NEW YORK—A television camera has been trained into the eyepiece of a microscope to make accurate and quick counts of small particles such as blood cells, bacterial cultures or grains in photographic emulsions.

The principal application will be to the blood count—determining the number of red cells in a specific amount of blood—which is an important indicator in many diseases.

Life Magazine Carries Article on D. O. and Two-Headed Baby

CHICAGO (AOA)—A recent edition of Life magazine (Feb. 8) features a picture story of the two-headed baby and Dr. Wesley J. Elbert, the family physician.

New 13-Week Radio Series Being Written

CHICAGO (AOA) — A new 13-week radio series carrying the label "Symptoms of Our Time" is currently being written by Richard Thorne and Jack McGuire, both of the Division of Public and Professional Welfare.

The fifteen minute programs are presentations of health problems of our times. Scripts already completed are on such interesting subjects as the heart, allergies and migraine headaches.

The tapes and duplicate copies will be made here at the AOA by the newly formed Audio-Visual Education department. The success of "The Doctor's Story" precipitated the need for a new, more provocative series.

A forthcoming issue of the News Bulletin will announce when this new series will be available for distribution.

AUXILIARY NEWS



EVELYN H. (MRS. RUSSELL) GLASER

President, Auxiliary American
Osteopathic Association
1953-1954

is It was an eventful day, August 10, 1908, for Roxie Howard and the late Alex C. Ham. Their second child, a baby girl, had just arrived at Campbell, in that section of Missouri known variously as "the boot heel" or "Swamp East."

They would call her "Evelyn" and strive to give her a normal childhood in this area unique in its customs and picturesque colloquialisms. Little did they realize that some day they would have a happy little brood of six children or that "Evelyn" would become Mrs. Russell Glaser, President of the Auxiliary to the American Osteopathic Association.

And so it was that schooling began around the family dining room table, with Mom as the expert teacher of her own and the neighborhood children. The curriculum was liberally seasoned with instilled expectation of ability to think straight, high scores, good credit and Biblical teaching. Dad was the inspiration and Mom the dynamo.

"Evelyn's" formal education included both public and private schools, with final work for a B. S. degree in Education and M. A., with dual major in

History and English, at the University of Missouri. She taught three years in public school, one year in a private junior college and one year at the University Training School.

Not the least important of the various schools is Harding College in the Arkansas Ozarks where Russell Glaser was a student. Over a course of more than 25 years active contacts and interest have been maintained.

Largely through admiration and respect for the late Dr. H. G. Wallace of Wichita, Kansas, young Glaser elected to study Osteopathy and it was in June 1934, while serving as an interne under Doctor Wallace, that he married E.H.G. (as she is known to many of us).

Since moving to St. Louis from San Antonio, Texas, in 1939, Mrs. Glaser has served in almost every office and chairmanship in the District and State Auxiliaries (St. Louis and Missouri). She aided in the successful production of two National conventions and seven State conventions.

The years following the 1948 A.O.A. convention in Boston have left little margin of time or energy for anything except organized Osteopathy for Mrs. Glaser. She was appointed editor of the A.A.O.A. Record at this convention and untiringly produced eighteen consecutive quarterly issues.

The year 1952-53 found her serving as parliamentarian of the Normandy Osteopathic Hospital Guild, recording secretary of the St. Louis Osteopathic Auxiliary, president of the Missouri State Osteopathic Auxiliary and membership chairman and president-elect of A.A.O.A.

Mrs. Glaser, whose sincere devotion to the healing art of Osteopathy has necessitated thousands of miles of official travel, is also an active church

worker. She is affiliated with the Church of Christ and for the past 10 years has served as a teacher in the Sunday School Department.

She maintains a strong interest in civic and educational organizations and is a member of the National Association of Parliamentarians, the St. Louis Unit of Parliamentary Study, P.E.O. and A.A.U.W.

In her spare ??? time, Mrs. Glaser pursues the hobbies of antiques, marksmanship and cook books plus a steadily increasing vicarious interest in her husband's antique time pieces, old fire arms, photography and recorded music.

Auxiliary District One

The Auxiliary to the District One Association of Osteopathic Physicians and Surgeons met with the doctors February 14, 1953 at 1 p. m. for dinner at the Amarillo Hotel. Following the meal, Dr. L. C. Boatman of Santa Fe, New Mexico, addressed the group on "The Advances in Osteopathic Education." He told of the fine quality of the six Osteopathic colleges, the splendid work they are doing, and the very excellent physicians they are graduating.

After Dr. Boatman's talk, the Auxiliary retired to a parlor on the mezzanine floor of the hotel for its business meeting. Mrs. W. R. Ballard, President, presided. The group voted a gift of \$25 to the Scholarship Fund, and of \$25 to the Osteopathic Progress Fund. Mrs. Ballard appointed a nominating committee of Mrs. L. N. Pittman, Jr., Mrs. J. L. Witt, and Mrs. J. G. Stewart. Delegates and alternates were elected to represent the group at the convention April 29-30 and May 1 at Fort Worth of the Auxiliary to the Texas Association of Osteopathic Physicians and Surgeons. These were Mrs. John Kemplin, Mrs. Glenn Robinson, Mrs. J. Francis Brown and Mrs. E. H. Mann.

Those present were: Mrs. W. R. Ballard, Mrs. L. V. Cradit, Mrs. John Kemplin, Mrs. E. W. Cain, Mrs. Glenn

Scott, Mrs. J. H. Chandler, Mrs. M. F. Achor, Mrs. E. H. Mann, Mrs. J. Francis Brown, Mrs. L. J. Vick, all of Amarillo, Mrs. L. N. Pittman, Jr., of Borger, Mrs. Cal Vardeman of Follett, Mrs. D. H. Cox of Hedley, Mrs. J. H. Kritzer of McLean, Mrs. Glenn Robinson of Happy and Mrs. J. G. Stewart of Clarendon. Two guests were also present: Mrs. S. H. Kinne of Clayton, New Mexico and Mrs. L. C. Boatman of Santa Fe, New Mexico.

The next meeting will be held on May 23, at the Herring Hotel, following the close of the Ninth Annual Osteopathic Child Health Clinic.

The Auxiliary to the Amarillo Osteopathic Hospital met at 8 o'clock on the evening of February 17, in the pleasant and inviting basement room in the home of Dr. and Mrs. J. Francis Brown, 1228 Bowie Street, Amarillo.

Mrs. E. L. Rossman, president, presided for the business meeting. Mrs. G. Welton Gress gave a report from the Amarillo Federation of Women's Clubs, of which the Auxiliary is a member.

Mrs. J. Francis Brown reported that Dr. L. J. Vick had advised the group that the Staff Doctors had voted unanimously to support the Ninth Annual Osteopathic Child Health Clinic. They had named Drs. Glenn Scott, John Kemplin and Glenn Robinson as a committee to work with the Auxiliary committee, which is composed of Mrs. Glenn Robinson, chairman, Mrs. John Kemplin, and Mrs. J. Francis Brown. The Clinic will be held at the Crystal Ballroom of the Herring Hotel on May 21-22. Dr. Virginia Ellis, pediatrician of Fort Worth, will be, for the third year, the pediatric diagnostician, with others of the Southwestern Association of Osteopathic Pediatricians to also work with us.

The Chamber of Commerce had requested that a representative of our group attend sessions of an elementary or secondary school, have lunch with the

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pupils and teachers and make a report. This is in connection with the Chamber's Business-Education Week. The president appointed Mrs. John Kemplin as our representative.

The Auxiliary voted to give a gift of money to the building fund campaign of the Y.W.C.A., and to the American Red Cross.

Present for the meeting were: Mrs. M. F. Achor, Mrs. W. R. Ballard, Mrs. J. Francis Brown, Mrs. J. H. Chandler, Mrs. L. V. Cradit, Mrs. G. Welton Gress, Mrs. John Kemplin, Mrs. E. H. Mann, Mrs. E. L. Rossman, Mrs. Glenn R. Scott, all of Amarillo; Mrs. R. E. Lingenfelter, of Hereford; Mrs. J. P. Price, Jr., of Dumas; and Mrs. Glenn Robinson, of Happy, Texas.

At the conclusion of the meeting most of the doctors who had attended the hospital staff meeting held at the Cradit Clinic, came by for refreshments and a social hour. Mrs. Brown served coffee, apple juice, tiny doughnuts and rolls.

The next meeting will be held March 17.

FLORA (Mrs. J. H.) CHANDLER
Reporter

Auxiliary District Two

Dr. and Mrs. Harry Beyer were recent visitors to New Orleans.

Dr. and Mrs. V. L. Jennings and Dr. and Mrs. Jack Baker spent a few days in New Orleans last month.

Our deepest sympathy to Mrs. Carl Everett whose father passed away.

Dr. and Mrs. Charles Curry and family were in Norton, Kansas, for the funeral of Dr. Curry's father.

Barbara Miller is recovering nicely after major surgery at the Fort Worth Osteopathic Hospital.

Dr. Noel Ellis and Dr. and Mrs. J. O. Carr attended the convention of American College of Osteopathic Obstetricians and Gynecologists in Los Angeles last month.

March, 1954

Dr. and Mrs. H. G. Buxton attended the wedding of Dorothy's sister which was held in Hamilton, Missouri.

Dr. and Mrs. George Pease, Dr. and Mrs. Roy Fisher, Dr. and Mrs. A. L. Karbach and Dr. and Mrs. V. L. Jennings will attend the Parade of Barber Shop Quartets in Oklahoma City.

Auxiliary District Nine

Dr. and Mrs. J. V. Money of Schulenburg, Texas, entertained the doctors and auxiliary of district 9 February 17, 1954.

Dr. and Mrs. T. D. Crews had as their guests her mother, Mrs. Ferguson, and her brother and wife, Mr. and Mrs. Ward Ferguson, from Lorenz, Iowa, to attend the San Antonio Fat Stock Show.

Dr. and Mrs. J. V. Money of Schulenburg recently had as their guests Mrs. Ray Weber and her three children. Mrs. Weber will be remembered as Jean Frederick, who nursed in the Crews Hospital.

Dr. and Mrs. Robert Morehead have completed their apartment house in Houston.

Dr. and Mrs. James Stratton, he being laboratory technician in the Stratton Hospital, have a new son, Ronnie Stratton, born January 17, 1954.

Mrs. Alan Poage from El Campo, Texas, spoke to the Spade and Trowel Club February 9, 1954 on "Landscaping."

Charles Poage, son of Dr. and Mrs. Alan Poage, has returned from a special training course in Los Angeles and is located in Victoria and employed as sales engineer for the Byron Jackson Tool Company.

New members to district 9 are Dr. and Mrs. Jacques Burt located at Moulton. They have two daughters, Lucinda and Rebecca.

Dr. and Mrs. Harry Tannen of Weimar had as their guests for a month, Mr. and Mrs. Steven Popp of Cleveland, Ohio.

By MARY (Mrs. W. L.) CREWS

Auxiliary District Ten

Hi Ya, Girls! Well, here we are again after a lapse of several issues. Frankly, upon occasions, we have been grateful that we had little of importance on our agenda for it gave us an opportunity to attend such fine programs of district 10 as the night we heard Dr. Phil Russell and Dr. Morris Thompson. And another time we listened as Dr. H. W. Turner took us back through the years he pioneered Osteopathy in New Zealand, the lone member of his profession in all that land.

But if we haven't always met in formal assembly, there have been informal contacts which paid off a plenty when we met the night of the 23rd at the home of Mrs. Dick Mayer. With almost reckless enthusiasm we spent money, made money, well almost—we paid our dues—heard the nominating committee's report, appointed an officer to fill an unexpired term, welcomed a new member, made contributions to the National funds and listened to well-developed plans from the Ways and Means Committee on how to replenish the exchequer.

We had such good lessons, teacher dismissed us early—cokes and home movies of the Land of Beautiful Blues—blue Pacific water, bluer Mexican skies and oh, those breath-taking beautiful purple mountains of Acapulco. Thanks, Dr. Gribble and son, for taking us aboard. No disloyalty intended, Texas; after all we've got the moon, at least Houston has; it hangs over the Shamrock. But some day—some sweet day, we'll make it down Acapulco way. It may be via The Horn and by catboat, but we'll make it—and it will be worth every Tack!

Enough of dreaming and back to the South Plains and to district 10 and to our newest member, Mrs. J. W. Axtell, Phyllis to the most of us already, who is a STRANGER IN PARADISE, no more; apologies to Perry Como and Amarillo, too—Phyllis paid her dues

and was handed a job, all in the space of two minutes. We can't think of a faster way to make one feel at home.

Everybody has his job when Benefit Tea Time rolls 'round and it's about that season. Betty Mayer, chairman of Ways and Means, sees to that, which is probably the reason the undertaking is so successful. This year it is to be bigger than ever, a night affair to give the stronger sex a chance to do a little trumping of partner's Aces. We have only one major problem—in our optimistic moments we wonder if the public hall is going to be large enough to accommodate the crowd!

It is with real concern that we report the illness of Mrs. N. L. Tedford of Plainview and with sincere regret that we accepted her resignation as treasurer. We wish for her a complete and rapid recovery. Muffy Davidson was appointed to fill the vacancy.

Bon Voyage! See you in Acapulco, but lets go to the State Convention first!

By VIOLET L. COX

D. O. Author of Book On Parkinson's Disease

ORANGE, N. J.—Dr. John C. Button, Jr., specialist in neurology, recently had his book "Hope and Help In Parkinson's Disease" published by Vantage Press Inc., New York. Material for this book was gathered during his 14 years of research, treating and examining victims of Parkinson's disease.

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NEWS OF THE DISTRICTS

DISTRICT ONE

Dr. Richard Mayer of Lubbock was in Amarillo for a visit.

Dr. W. H. Ballew of Vernon also paid us a visit recently.

Dr. Donald Eakin, one of our interns, has been to Kansas City for a vacation and to look around. He finishes his internship June 19, 1954.

Dr. and Mrs. Chandler have been to Roswell to visit their daughter.

Rumor has it that Dr. H. M. Thompson is making plans to open an office in Borger.

Dr. Jerry Thompson of Plano is in the hospital here for an operation.

Dr. Norman Harris has been to Colorado to attend a wedding.

The Amarillo area has had two small snows, so maybe we can keep our dirt on the ground a little better. Wonder how the boys in districts 2 and 3 like the taste of our top soil?

Dr. Ed Mayer and Dr. E. L. Rossman attended the national convention of the college of OB and Gyn in Los Angeles Feb. 16-19, 1954.

Dr. E. H. Mann showed the picture, "The Future Is What You Make It", to the American Business Club here in Amarillo. The picture was well received.

The staff of the Amarillo Osteopathic Hospital holds a luncheon every Tuesday noon at one of the local beaneries. It is not a business meeting, just a get-together to eat, swap the latest jokes, and hash over any gripes.

Mrs. Gerald K. Nash recently won the title of "Southwestern Sweetheart of Height" at a Valentine party held by the Dallas Club in Dallas. She represented the Texas Tip Toppers Club of Amarillo. Clubs of unusually tall people from all over Texas were represented.

She holds the position for one year, and next year will crown her successor. She is the ex-president of the organization and at present is its social chairman. Her husband, Dr. Nash, is the treasurer.

Plans are beginning to take form for the annual Child Health Clinic to be held in the Herring Hotel in Amarillo on May 20 and 21. It is sponsored by the woman's auxiliary. Mrs. Glenn Robinson is chairman.

By JOHN KEMPLIN, D. O.

DISTRICT SIX

We hear that Dr. Lind has given up reading—all the current literature stresses the great increase in incidence of CA of the lungs due to excessive cigarette smoking.

It seems that Dr. Cary and Dr. Gams are having an awful time getting to the delivery room before Dr. C's Ob's deliver. The accoucheur blames his delay in travelling from the "north end" on little things such as stop signs, red lights and train blockades; whereas the sandlady so enjoys chatting with the handsome flatfooters patrolling the highways that she can't charge from her home which is just two weeds south of Dallas to the hospital in less than twenty minutes. In any event, should both parties ever escape all obstacles en route, they'll probably miss the delivery anyway by locking car horns in the doctors' parking lot and we'll have to shoot one or both of them to end their frustration.

The outstanding obstetrician of 1989 will undoubtedly be Dr. Schoettle's "premi", baby boy Waley, who has keenly watched every phase of the specialty from his Air-Lok viewing stand for the last eight days.

"Heard in the hall:

"A perturbed mother declared her children didn't have sense enough to come in out of the dust". Most unusual for a Houston citizen to speak like a west Texan.

Drs. Brennam, Webb, Grant and Grice attended a district meeting in El Campo. Dr. Poage and wife put on a wild game dinner that left us gasping. We all ate so much that we felt like stuffed geese.

Dr. K. B. Riggle, surgeon, is here and trying out our operating facilities for size and atmosphere. He is located at 1603 Richey St., Pasadena, Texas. Welcome fellow "nawthener".

Dr. Jaffee is now a deputy sheriff and has his badge with his name engraved across the top, etc. With that badge and a three cent stamp he has authority to mail a letter from Houston to Los Angeles, Calif. Such special privilege for some folks, Gevald!

Dr. Durden explained meticulously just what happened to the male mule that kicked the atom bomb. Call or write Dr. Durden for more details, using your own nickel.

J. B. Roerig Drug Co. will take members of the staff on a fishing trip soon out in Galveston Bay. Roerig Co. will use a large boat owned by the Gribble interests. We start at the wharf near the John Sealy Hospital and they have assured us that all will be returned to the Hospital.

Dr. W. Thomas, our cardiologist, and Mrs. Thomas are the proud parents of a baby boy, William Anthony Thomas, Jr., born February 21, 1954. Dr. Thomas reports that the baby already at two weeks of age has a set of boxing gloves. Other athletic equipment will be added as exigencies demand. At this time he is (the baby) getting his T and P waves confused, in fact they are recognized as pretty much the same. The P waves get buried or obliterated by the T waves and vice versa. The father can tell very

quickly whether the baby is dry at one end or wet at the other.

Also, Patrick Howard Brennan arrived at the home of Dr. and Mrs. R. O. Brennan, November 20, 1953.

* * *

DISTRICT SEVEN

The San Antonio Hospital had a face lifting. We are all proud of it's new look. The Staff assisted in having the grounds landscaped. Stop by and visit us there.

Dr. H. A. Beckwith had the monthly party in January. What with the income taxes, a new Lincoln Capri. Some of the boys asked if that was the reason for Glenmore instead of Old Taylor. A good time was had by all.

Dr. Louis Dullye is the new chief of Staff and has as his faithful secretary, Dr. Wallin. Dr. Wallin has been so good, this is the third time his protests were drowned out and he was elected to carry on for another term.

District 7 was proud to have the General Practice and Radiology groups meet in Austin. Some of us were unable to attend but were there in spirit. Hope we can have it again.

District 7 meeting was held at Dr. Hal Edwards' spacious home Feb. 10. The men met in the den while the auxiliary met in one corner of their living room. We understand that the women decided not to make any change for this year.

Dr. Hal Edwards is our new president, Dr. Donovan (Austin) vice-president, and myself as secretary-treasurer. This slate of officers was hatched out on the golf course after yours truly left. We had a very lively meeting followed by the boxing matches—and this was followed by a match between the Austin rollers vs. the San Antonio rollers. Can't say who won.

Dr. and Mrs. H. H. Edwards visited Mrs. Edwards' folks in Antlers, Okla.; stopping over with Dr. and Mrs. Wayne Smith of Jacksonville.

Dr. Louis Dullye is spending the week end in New Orleans.

Our group is already making plans to attend the State Convention, especially those who are delegates and alternates. Wish we all could attend.

District 7 has been conspicuous by its absence from these pages. What appears may not be the best but I'll see that something is always there.

WALDEMAR D. SCHAEFER, D. O.

DISTRICT EIGHT

The regular staff meeting of Corpus Christi Osteopathic Hospital was held February 9, 1954, in the Chamber of Commerce Building in the Board of Directors' Room. Arrangements have been made to hold regular staff meetings in the Chamber of Commerce building monthly, which the Association appreciates greatly.

The regular area institute for Blue Cross-Blue Shield representatives and the members of the Osteopathic Profession in this district was held February 16 in the member meeting room of the Chamber of Commerce Building on Shoreline Boulevard. This meeting was a very educational meeting, instituted by the Blue Cross-Blue Shield Insurance Company to acquaint member hospitals and member physicians with the operation of this plan. An open forum was conducted at the end of the meeting in which many puzzling questions were answered by the representatives of Blue Cross-Blue Shield. All in all, it was a very successful meeting.

The quarterly Board of Trustees meeting of Corpus Christi Osteopathic Hospital was conducted in the office of Dr. Merle Griffin, February 23, 1954. Routine business and hospital organization procedure was discussed. Many valuable ideas were promulgated by the various lay members of the board. Those members attending the meeting were: Dr. T. M. Bailey, Mr. Briscoe King, Dr. Merle Griffin, Dr. R. J. March, 1954

Brune, Dr. John G. Henery, Mr. J. A. Kimmey, Mr. E. B. Shellenberger, Mr. R. A. Humble, Dr. L. E. Elsea, and Mr. Charles S. Thomas.

The week-end of February 20, Dr. T. M. Bailey absconded in his air-conditioned Oldsmobile to various points in North Texas for a much needed short vacation period. He returned on February 23 much refreshed, showing no signs of wear, even though he traveled some 2800 miles.

Drs. R. J. Brune and Everett Wilson are moving their clinic from 1118-3rd to Del Mar and Longview. The new clinic will be in operation within a very few days.

By MERLE GRIFFIN, D. O.

DISTRICT TEN

A dinner meeting of district 10 and its auxiliary was held February 23 at Etter's Rebel, Lubbock. Following dinner the ladies adjourned to the home of Mrs. Richard Mayer. The election of delegates to the State Convention resulted in N. L. Tedford, Plainview; R. Z. Abell and Ed Whitacre of Lubbock. The alternates were Harlon O. Wright, Sundown; Stuart G. MacKenzie and James A. Fannin, Lubbock.

Dr. J. W. Axtell addressed the group on Cardiac Resuscitation, stressing the importance of teamwork in such an emergency. The life of the patient depends upon the preparation and coordination of the surgical group. Dr. Axtell's talk was apropos for within the fortnight he had encountered an emergency in which it was necessary to open the chest to suture a stab wound of the heart. We understand that the patient's condition is most satisfactory. The doctor completed his talk with brief remarks on the "Differential Diagnosis of Ureteral Stricture."

Following the business meeting and program, the doctors joined the ladies at the Dr. Mayer home to view the colored films taken by Dr. Gribble and

his son on their cruise down the coast of Baha, California, and on to Acapulco, Mexico.

STUART G. MACKENZIE,
Secretary-Treasurer.

Dr. McCormick, AMA President, Says U. S. Trend To Socialism Goes On

ST. LOUIS—Dr. Edward J. McCormick, president of the American Medical Association, told delegates at the AMA's mid-year clinical sessions here last month that there has been little change in the trend toward socialism under the Eisenhower administration.

He urged other vocations to bring their standards of ethics up to that of the medical profession and called for action "that would further the full confidence of the public in our profession."

In the last six months of the Eisenhower administration, Dr. McCormick said, he has observed little evidence of a change in "the socialistic trend and government intrusion into business affairs of the people."

"If America is to survive as a democracy," he concluded, "then we, as doctors and leaders, must request *that all other groups*, including writers, journalists, union leaders and industrialists, *adopt a similar code of ethics.*"

Former Patients Unite To Build New Hospital

LOS ANGELES—Former patients of the hospitals operated by the Southern California Osteopathic Hospital Foundation have united for the purpose of raising \$1,000,000 for the New Los Angeles Memorial Hospital here.

Doctors representing the medical staff of the Foundation have contributed \$400,000 and the Los Angeles memorial hospital group of doctors have donated

the site which is valued at half a million.

The doctors sent out appeals to all of their patients asking them to help finance the second million. Immediately following this appeal a group of 200 women, all former patients, organized into a ladies auxiliary to raise the needed funds.

D. O.'s Wife Gets 3rd Novel Published

KANSAS CITY, Mo.—Mrs. Elsie Grant Henson, wife of Dr. A. L. Henson, is having her third book published by a Boston publisher. Her latest novel is titled *Tom and Sally of Red Horse Creek*. Mrs. Henson's other books were *The Winged Secret* and *Secrets of Old Stormy*.

Dental Association Condemns Distorted Advertising Claims

CLEVELAND—The American Dental Association told 2,000 people who crowded the Music Hall of this town's Public Auditorium during their 94th annual sessions that a genuinely therapeutic dentifrice has not yet been developed to prevent tooth decay or gum disorders.

Dr. Thomas J. Hill, chairman of the ADA's Council on Dental Therapeutics said, "it is not definitely established that the dentifrices used by the public materially decrease the caries rate because of any specific therapeutic substance incorporated in them."

The house of delegates of the ADA also adopted a resolution condemning the distorted advertising of dentifrices, mouth washes, chewing gum and other products as "detrimental to public health" and calling the attention of the public to the serious dangers involved in inaccurate and untruthful advertising claims.

CCO President R. N. McBain Gets Audience With Governor

CHICAGO (AOA)—The following story appeared in the IOA Newsletter: Through one important lay friend Dr. R. N. MacBain, CCO president, recently gained audience with Illinois Governor William Stratton and Judge Binks, new director of the department of Registration and Education.

Dr. MacBain was able to review the entire history of the osteopathic profession's struggle for recognition in Illinois, and found Gov. Stratton sympathetic.

"The governor received us cordially," Dr. MacBain reported, "and gave us all the time we needed to present our problem. We told of our non-recognition in Illinois and our full recognition in most other states, maintaining that this resulted from unfair administration of the law rather than the law itself.

"Illinois is the only state that is unfair and prejudiced," he said.

is 1 Dr. MacBain summed up his visit with these words:

"My personal feeling was that this was the single most encouraging experience I have had in the long uphill fight toward recognition."

Philosophy Three Hundred Years Ago

"Desire arising from a pleasure or pain, that is not attributable to the whole body, but only to one or certain parts thereof, is without utility in respect to man as a whole.

"As a pleasure is generally attributed to one part of the body, we generally desire to preserve our being without taking into consideration our health as a whole: to which it must be added, that all desires which have most hold over us take account of the present and not the future."

Spinoza (1632-77) from his *OF HUMAN BONDAGE*.

March, 1954

Harper's Magazine Features Article On Medical Statistics

CHICAGO (AOA) — "Caution: Medical Statistics at Work" is one of the featured articles in this month's issue of *HARPER'S MAGAZINE*. Author Leonard Engel points out in his story that "in no area do we accept figures more enthusiastically or uncritically than in medicine and health," and explains why the bulk of this information is unreliable.

New Hospital Opens In Orville, Ohio

ORVILLE, O. — Dedication ceremonies and open house for the newly constructed Orville Community Osteopathic Hospital were held here late last month. The hospital has been under construction for two years.

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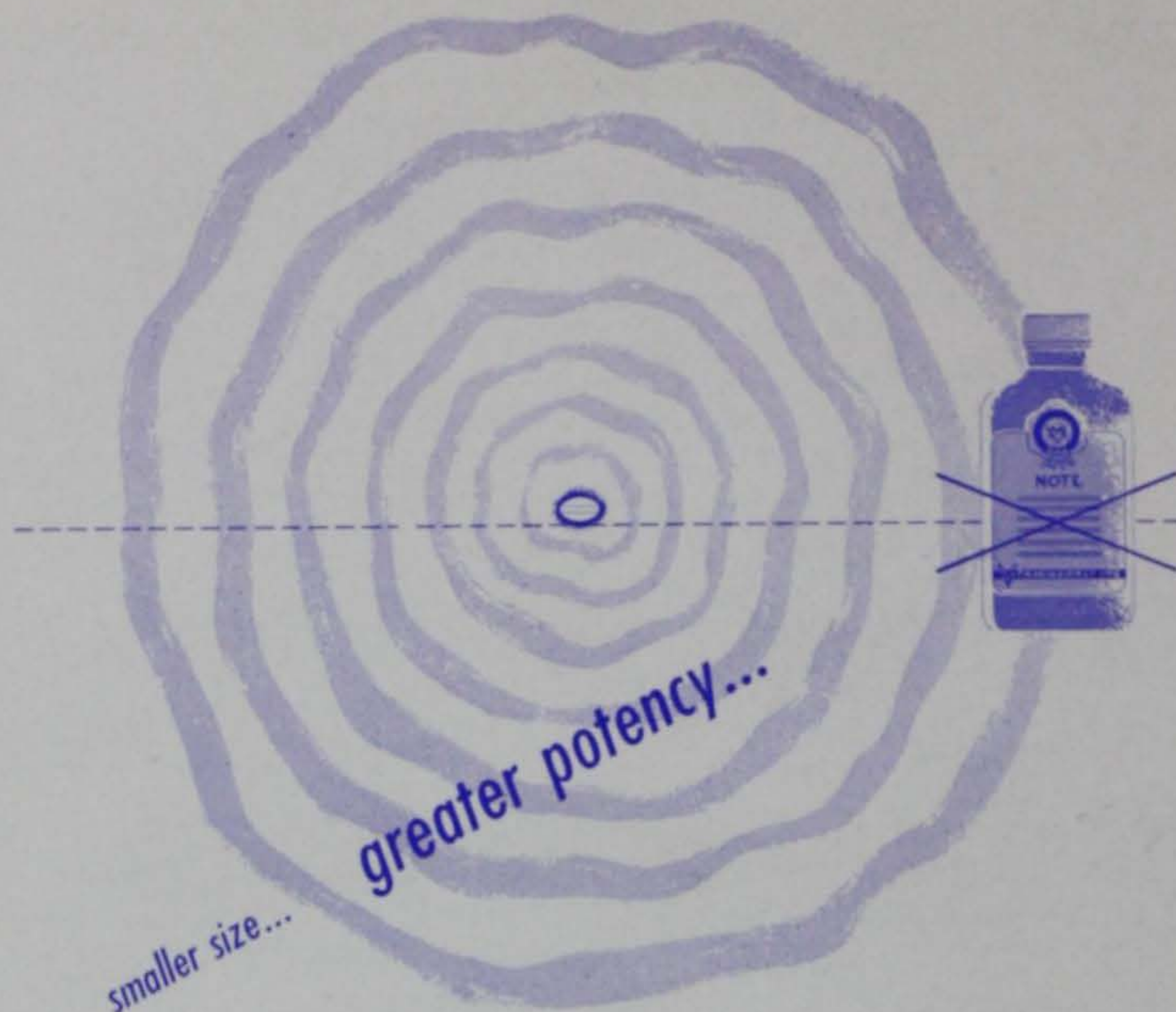
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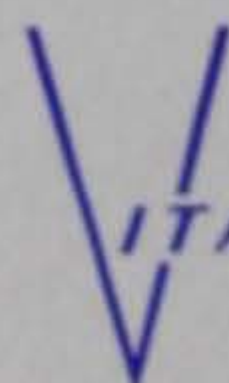
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