

Great thoughts reduced to practice become great acts.

-William Hazlitt

BULLETIN

of the MAHONING COUNTY MEDICAL SOCIETY

XVI No. 10 TOBER . 1946

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PRESIDENT'S PAGE

In just a few weeks, the citizens of the United States will go to the poles to vote for both State and National candidates.

Every doctor should, and I am sure will, vote and vote intelligently on matters pertaining to socialized medicine.

During the last twelve years we have witnessed the encroachments that are leading even now to a creeping paralysis of our social and economic functions. The designs of schemers are made crystal clear. It is not merely a matter of medical care or the regimentation of the medical profession that is at stake. It is our country—our beliefs, our concepts—our very souls that are involved.

Now is the time that every American—every believer in the American way of Life—should join in unqualified opposition to this attempt to foist on this country this foreign ideology—this strictly Collectivistic mechanism—Compulsory Health Insurance.

The Mahoning County Medical Society, through its exhibit at Canfield Fair, brought the value of public relations to the people by showing them a few of the many complex branches of medicine. This was well received by the fact that over 60,000 people visited our exhibit. Let's make this one of our permanent public relation activities by exhibiting on a smaller scale, annually.

EDWARD J. REILLY, M. D. President

BULLETIN Mahoning County Medical Society

of the

OCTOBER

1946

SEPTEMBER MEETING

The Mahoning County Medical Society, at the regular monthly meeting, on September 17, passed without a dissenting vote, an amendment to the bylaws, to increase the annual dues of the society from \$20.00 to \$35.00.

President Riley called the meeting to order about 9:00 o'clock. Secretary Goodwin read the proposed amendment and discussion followed. Several members questioned the necessity for increasing the dues at this time. It was brought out that we have been able to get along during the war years, with so many members away and not paying dues. Now that these men are back we will have 90 more paid memberships. Several members, speaking in favor of the amendment, argued that there are at least four reasons why we must increase the dues. The state dues are increased by \$7.00; prices in general have increased; we have been getting a lot of things for nothing; and our public relations and medical programs should be expanded.

Expense for post-graduate tickets, which in past years has been \$5.00, will probably be \$6.00 or \$7.00 this year. The Bulletin, which has carried the society through the war years by its advertising, costs more money. It should be increased in size by four or eight pages, to make a proper balance between the advertising and the reading material. The program chairman entertains our guest speakers at his own expense. This actually costs him more than \$200.00 a year. The society should not permit him to do this. Delegates are sent to state conventions and no part of their expenses is paid. The Medical-Dental Bureau has given us office space and several other services. For several years, we were given radio time through the generosity of WKBN. Our exhibit at the Canfield Fair cost us a lot of money. The success of this exhibit was such that we should consider a similar exhibit, on a smaller scale, every year. The exhibit we had at the North Side Hospital a few years ago was a tremendous success. A great many members feel that we should repeat this exhibit every year.

After a lengthy discussion, of the pros and cons, the amendment passed as stated above, without a single dissenting vote.

After the business meeting, an interesting film on hemalology was shown. This film was made possible by a grant from the Armour Laboratories of Chicago. The film was a review of the macrocytic anemias. It presented first, the physiology of the hemopoietic principle (contained in liver and liver extracts) and discussed the effect of this principle on blood cell formation. Castle's theory was reviewed and a theme developed which tied in with the clinical examples shown later in detail.

(Continued on Page 340)



Servicemen and workers—folks who aren't kids anymore—learned during wartlme that milk is "life-stuff"—a delicious, desirable drink, yet vital for all ages in building good nutrition, foundation of health.

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FROM A LAYMAN'S VIEWPOINT

Next to the weather, health is the topic of widest interest. "How are you?" we ask on meeting a friend—and often the routine greeting sets off an "organ recital."

So it was to be expected that the Mahoning County Medical Society's exhibit at the Canfield Fair would draw attention. In the outcome its popularity surprised the most optimistic; more than 60,000 people passed through the tent, which proved too small rather than too large as some had thought.

Notes for this report were made at noon Sunday when there were few people on the grounds. Yet even then the little auditorium where talking films were shown was filled to capacity.

What the Society offered its thousands of guests was worthy of their attention. Naturally the history of medicine, in Mahoning County and at large, made up a good deal of the material, as befitted the centenary of the fair. There were charts showing the history of the Society, and the organization of medicine in general. Exhibits of old instruments, and the saddlebags in which the early physicians carried them, interested the antiquarian, and so did pictures of the hospital staffs. The surgical armamentariums of Dr. James A Sherbondy and Dr. William H. Buechner attracted much attention. Early portable X-ray equipment was shown. Small booths with statuary and text recounted the conquests of diseases and the advances of sanitation.

Of still greater scope and variety were the exhibits covering modern medical organization and practice. One of the most notable exhibits was that on cancer, with its urgent message to the layman to seek early treatment. Others included Kodachrome pictures; a device on which a dial could be turned to get answers to questions about self-treatment and self-diagnosis; modern laboratory apparatus; pathological specimens; the respiratory tract and bronchoscopic work; the colorful nurses' exhibit with dolls dressed in the varied uniforms of the profession, and charts showing its organization; an iron lung with a "patient" in it; a medical library.

The talking films, shown in a darkened auditorium in one corner of the big tent, drew capacity "houses" throughout the 10 days of the fair. Here the medical profession had the eye and ear of the lay public on these subjects: No Place Like Home, How Organs Function, Behind the Smile, Handle with Care, Bathing the Baby, Infantile Paralysis, Defense from Invasion, Help Wanted, Choose to Live. There were also pictures of operations for intussusception, removal of bobby pin, and an appendectomy.

All this constituted a very high standard for a medical display in a public gathering-place. Governor Frank Lauche said he had not seen the equal anywhere, and remarked that there was nothing like it at the Ohio State Fair. It was of great direct benefit by informing so many thousands of people about protecting their health. Its indirect benefits may well have been even greater. For the exhibit strengthened the bridge between the medical profession and the public; emphasized medicine as against cultism, yet without arousing controversy; added greatly to the layman's goodwill toward the profession.

GEORGE R. MADTES.

Early Autumn

Our sylvan spot still breathes a song In softer tones, a sadder strain; The days grow shorter, nights are long, While colder winds are felt again. The fallen leaves, like messengers That bear the news of summer's woe, Pass swiftly by to rest at last Where goldenrod is still aglow. The cat-tails now are turning brown And pay their tribute to the breeze, While water-moss in death is tinting The clear reflection of the trees. Those keen-eyed swallows, swiftly darting To skim the water's surface clear, Have gathered for their southern voyage And left us for another year.

A noisy fisher, blue and crested, Is resting from his recent flight, The while a gull with coat like snowdrift In silence keeps its varying height. Some red-winged blackbirds sing in chorus The song that means to us good-bye. For summer's sun has sunk in slumber To wake again in autumn sky. Tall mullein stalks in stately silence Stand still like sentinels that quard The silent couch of sleeping summer That winter's early breath has marred; While buttercups hold in chalice of gold The warmth of the summer's sun To bring from the past a story old: The love of a day that is done.

-Warren Deweese Coy

REPORT ON CENTENNIAL MEDICAL EXHIBIT At Canfield Fair



CANFIELD FAIR COMMITTEE

Front Row: Dr. R. B. Poling, Mary Herald, Dr. S. G. Patton, Chairman; Mrs. L. G. Coe, Dr. W. M. Skipp and Dr. M. S. Rosenblum. Back Row: Dr. W. D. Coy, Howard Humphrey, Fred Lyons, Dr. C. H. Campbell, Dr. L. G. Coe and Howard Schaffer.

The success of the exhibit of the Mahoning County Medical Society was the culmination of four months of the untiring planning and effort of your committee. Public interest and appreciation were proven by the surprising attendance of 60,000 people and remarks of surprise and commendation heard from many intellectuals who visited the exhibit.

We, the committee feel that this was a well worthwhile effort and know that the public, the people of Mahoning County, are now better informed as to the type and quality of the physicians who serve them. We believe the association of the people with the physician and the effort of the physicians in bringing such an exhibit before the people cannot do otherwise than bring them closer together and benefit both in their relationships one with the other. The committee in assuming the responsibility of this exhibit would not forget those who so kindly and so willingly gave of their knowledge and time in the planning of the program. We must mention in this connection, The Youngstown Hospital Association who loaned their microscopes, specimens of benign and malignant tumors, slides, etc. To St. Elizabeth Hospital we are grateful for the use of the Iron Lung. The chronological display of nurses' attire since Florence Nightingale was furnished by The District Nurses Association. We owe not a little to the help of the internes and technicians from both hospitals. The display of obsolete and modern drugs was very fitting in the program. A thing of great admiration and devoted interest was demonstrated along the panel board of instruments. This panel was approximately 40 feet long and 4 feet high. Instruments both obsolete and modern were displayed on this board, probably 500 instruments in all. Dr. Heberding kindly lent the committee an old and a modern X-ray machine. The old saddlebag of Dr. C. H. Campbell's father was quite a novelty. The display from the American Medical Association was one of the highlights and the interest of the public was revealed by the many times buttons were pushed on these posters. Also the statuettes drew a great deal of attention. The library of Dr. W. D. Coy caused many intellectuals to hover around his books dating back as far as 1882.

(Continued on Page 343)

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ONE HUNDRED YEARS OF MEDICINE— CANFIELD FAIR — 1946

Ladies and Gentlemen: The Mahoning County Medical Society welcomes you to this exhibit. It is for your educational benefit. The medical profession of your community is showing you the progress medicine has made in the past 100 years.

On entering the tent you will find on the right a program for the motion pictures now being shown in the little theatre. These pictures cover a great variety of subjects such as Infantile Paralysis, Cancer, Accidents, and Surgery.

Just in front of you as you enter you notice two large pictures, representing two of the modern establishments for the care and treatment of disease and accidents. The one on the left is a picture of the modern plant of St. Elizabeth's Hospital with all of its improvements, many departments, such as laboratory, X-ray, surgery, pediatrics, obstetrics, medicine, etc.; and with a staff of 66 doctors. On the right is a picture of the modern sanitorium on Kirk Road which is for the treatment, rehabilitation and cure of individuals who are suffering with Tuberculosis. It is a modern plant covering all of the departments that are necessary in the treatment of this dread disease including surgery, medicine, laboratory, X-ray, nursing school, etc. These two institutions show you the progress that has been made within this century in the treatment of your ills.

In the center just below the two pictures is a picture of the South Side Hospital taken about 1908. This hospital was dedicated to the public about 1888. At that time there were only three departments in the hospital, Medicine, Surgery and Obstetrics, and the staff numbered probably 10 or 15 men. When you compare the staff and equipment of the old hospital with the present Youngstown Hospital made up of South and North Side Units, you can

see the progress that has been made in medicine within this century.

On the right side you find a case containing old instruments which were used by a medical practitioner years ago for the extraction of teeth. On the left is a saddlebag used by Dr. Campbell the latter part of the 19th century when automobiles were not known. In those days of unimproved roads he made his rounds on horseback. He carried what drugs and necessities he needed in this saddlebag. Compare this with the way our doctor makes his calls today.

As you go down the aisle, on the right you will see displayed old and obsolete instruments used in the laboratory in days gone by. These blood counting chambers, colorimeters, hemoglobin instruments, old microscopes and microtomes are obsolete because they are not as handy, not as efficient as the new instruments. The lenses and blades are just as good as they were years ago. Also on this same table you will find a case marked "Experimental Animals". By this we mean that these animals are used to make a complete diagnosis in such conditions as tuberculosis of the kidney. This diagnosis cannot be made without animal aid.

On the right you have a display which brings your attention to the early diagnosis of Cancer. This display is not exhibited to frighten you but to impress upon you the importance of an early diagnosis of Cancer. The number cured is much greater if an early diagnosis is made. There is definite proof that 70% of the individuals will survive longer than 5 years with an early diagnosis, while only 4% survive if the diagnosis is made late. Don't try self-

OCTOBER MEETING

YOUNGSTOWN CLUB Tuesday, October 15, 8:30 P. M.

SPEAKER: Richard Harold Freyberg, M. D., director of the Department of Medicine—Hospital for special surgery; Associate Professor of Clinical Medicine—University of Cornell and Physician to the Out Patient Department—New York Hospital.

SUBJECT TO BE DISCUSSED: "Practical problems in Diagnosis and Management of Common Forms of Arthritis."

BIOGRAPHY: Graduated from University of Michigan Medical College, 1930; subsequently became instructor, research fellow and assistant professor of Internal Medicine at that school; later became Director of the Rackham Arthritis Research Unit at its establishment at the University of Michigan; from 1944 to date has been continuing research in rheumatic diseases in New York City where the following positions are held: Director of the Department of Medicine—Hospital for Spepcial Surgery; Associate Professor of Clinical Medicine—University of Cornell Medical College; Physician to the Out Patient Department—New York Hospital.

NOVEMBER MEETING

YOUNGSTOWN CLUB

Tuesday, November 19, 8:30 P. M.

SPEAKER: Robert S. Palmer, M. D., Associate Physician and Chief of Hypertension Clinic, Massachusetts General Hospital.

SUBJECT: "The Syndrome of Cerebral Circulatory Insufficiency in Arterial Hypertension with Particular Reference to Malignant Hypertension."

TRUMBULL COUNTY

WARNER HOTEL — WARREN, OHIO Thursday, October 17, 8:00 P. M.

SPEAKER: William Andre Nosik, Cleveland Clinic.
SUBJECT: "Common Neurological Disorders in Everyday Life."



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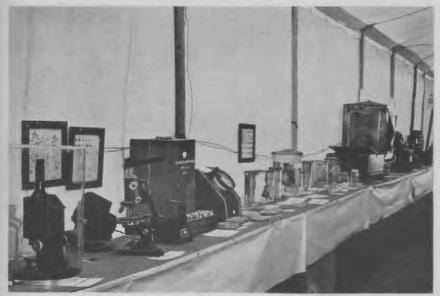
As you progress a little further, on the right you come to more modern equipment of the Laboratory, such as modern tissue cutting instruments which cut tissues 1/4000ths of an inch, so that tissues can be stained for examination under the microscope by trained pathologists. Also here are modern incubators and sterilizers. Then specimens of different organs of the body, such as a polycystic kidney, the diseased thyroid (goitre), the cirrhotic liver, the stomach and intestines showing cancer and a deformity of a uterus, bicornate, two uteri in one. Physicians have made great progress in diagnosis and treatment of these diseases in the last 100 years.

Here you come to the exhibit that says, "Do Not Make Self Diagnosis. Do Not Treat Yourself." The medical profession of this community does not want you to believe that we are trying to say that many home remedies are not beneficial. Many are, but you must realize that a pain in the stomach may be appendicitis and a cathartic such as epsom salts or castor oil may mean the death of the individual. A long drawn out cold with a cough and expectoration may be tuberculosis. Pneumonia may develop from a "cold" that is not treated properly. And when a cold persists it is the advice of the medical profession that you see your physician early. See him so that nothing will progress that will cause undue hardship, undue prolonged illness, undue financial distress to your family, because you have not heeded the advice to see your physician early.

On the right as you progress you come to the more modern apparatus of the laboratory, modern microscopes, modern colorimeters, modern hemoglobin instruments, modern staining methods, modern slides for the showing of different types of disease with kodachrome slides. These are used for the education



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Wasserman Test Apparatus, Blood Counting Chambers, Colorimeters, Hemoglobinometers, Plasma Outfits.

or changing practice. Everything that he does may change within his own lifetime, as you can see by looking at this exhibit.

As you progress down the aisle on the right you see the new Wasserman Test apparatus, the new blood counting chambers, new hemoglobinometers, colorimeters, etc., and the new microscopes that are used in the Laboratory today. At the end of the table you will find a modern plasma outfit, transfusion outfits that are used today in the hospitals. This plasma is the same that was used on the battlefields to save so many of our boys' lives. This plasma is used with whole blood, and can and does save many lives in our hospitals.

Then on the left you see an exhibit that demonstrates the diseases of the lungs, such as tuberculosis, cancer and foreign bodies in the lung, and how these are diagnosed and treated and the instruments used in making some of the diagnoses. It also shows some of the materials that have been removed from lungs with an instrument, a bronchoscope, showing how it can and does remove these foreign bodies, how small pieces of tissue can be removed from the lung and bronchial tubes and trachea for diagnosis. Also how inspection is made in the upper respiratory tract (the posterior pharynx) with instruments and lights. These demonstrations are for your enlightenment and aid to show what can be done for you and what is being done in the practice of medicine.







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too-frequent stools . . .

. does not require complicated. directions-just dilute with water, previously boiled . . .

the essentials of a food designed either to complement mother's milk or to be used entirely in place of breast feeding. Baker's Modified Milk is steadily gaining wide prescription.

Baker's Modified Milk requires fewer adjustments than most milk formulas. Baker's may be used from birth to the end of the bottle-feeding period—without any change other than increasing the quantity as the infant grows older.

Mothers like to feed Baker's Modified Milk because it is convenien and economical to use. Available in either powder or liquid form, there's only one thing to do-dilute to prescribed strength with water, previously boiled.

Baker's Modified Milk is advertised only to the medical profession

BAKER'S MODIFIED

The Baker Laboratories, Inc., Cleveland, Ohio. Branch Offices: San Francisco, Los Angeles, Denve



Modern Laboarator Apparatus; display of Nurses' Attire.

Then at the end of the tent you come to a display that is presented by the nursing profession of this county. It is represented by dolls in dress of nurses of various periods. The first one on the right is a primitive mother with her baby. Then the dress changes and progresses along to Sarah Gant and still other changes until you come to about the middle of the display with Florence Nightingale being represented. This is the woman whom nurses hold as the mother of nursing, because through her efforts women were permitted to go on the battlefields to take care of the wounded. She insisted that it was just as important for a woman to be on the battlefield to care for the wounded as for soldiers to be there. Then we see the Sisters of Charity, the dress they wore and then on through to the present time, the visiting nurses, graduate nurses, student nurses, and Red Cross nurses. The efficiency of these girls in the modern treatment of disease was demonstrated by the care that our boys received in the recent war and how invaluable these services were.

Just above this nursing exhibit you will find several pictures. One of a



Iron Lung and Modern Gastroscope.

DOCTOR .

Diarrhoea

Pectin

Try this NEW product . . .

ALKAPECTIN

(Liquid)

INDICATED IN THE TREATMENT OF

DIVERTICULITIS

EACH FLUID OUNCE CONTAINS: Aluminum Hydroxide Gel . Kaolin 80 grains

8 grains The addition of aluminum hydroxide gel to kaolin and pectin increases the coating and protective action of this product.

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modern hospital again, in operation. The Youngstown Hospital of 1912, South Side Unit. Then the modern South and North Side Units with the training schools, and the Nurses' Homes of both of these institutions. When you consider the time that the first South Side Hospital was manned the staff was composed of probably 8 to 12 men and now it is staffed by 127 men, with 825 individuals taking care of the ill. The three divisions have expanded to many—X-ray, Laboratory, Pediatrics, Dietetics, Surgery, Obstetrics, Orthopedics, Blood Bank, Physiotherapy, etc.

On either side of these pictures you find the present nurses' home of St. Elizabeth's Hospital. While on the opposite side you find one of the old nurses' homes; not the first, but one of the early ones that is partly used at the present time. Also the staff of St. Elizabeth's Hospital comprises some 66 men and the personnel with all of the departments, the same as the City Hospital, is covered probably by several hundred employees. Again, these two institutions are for the care of the sick in Mahoning County. Vast advance in the treatment of the ill from the early part of even this century, not even 100 years ago, but this century.

Then as you progress a little further to the right you come to several charts which demonstrate to you how a nurse is trained—pictures of nurses' class-rooms, operating room, graduation, pediatrics, child welfare, dispensaries, etc.

On the left in this same area you will find a modern iron lung in operation. This iron lung is for the treatment of any condition that causes respiratory paralysis. The patient is put into the lung and with positive and negative pressure it causes him to breathe. The portholes on either side of this iron lung are access points to treat the patient. He must be moved, washed and given general nursing care. Many patients who are put into a lung because of respiratory failure can be restored to health if they are given proper care and treatment. This apparatus is a modern invention and is an advance in the treatment of respiratory failure diseases. It differs from the oxygen tent in that the individual is not suffering from lack of absorption of oxygen but cannot get it into his respiratory system. Therefore in the oxygen tent he is put inside entirely and the oxygen of the surrounding air is markedly increased, while in the lung it is the mechanics of breathing which is produced.

Beyond to the left again you come to a Sister Kenny apparatus. This is a machine to heat compresses and partially dry them before they are applied. The temperature is controlled electrically. Part of the Kenney therapy is hot compresses to the affected part with massage and early active and passive motions.

The iron lung and the Sister Kenny outfit are being demonstratedd by members of the Mahoning County Medical Society. Any questions that you wish to ask will be answered gladly by these members of the profession.

On the right is a display of books demonstrated by Dr. Coy of the Mahoning County Medical Society. Dr. Coy has books dating from 1822 until the present time. These show progress in medicine. You will find books used by the men of a hundred years or longer ago and on through till the present time. As I stated before, a doctor is continually using books, continually attending meetings, continually attending scientific exhibits for his improvement and this improvement is for your benefit. All advances in medicine are obtained from periodicals, books, medical meetings and exhibits. They are brought home by our physician so that you are better treated and your conditions are more quickly diagnosed by the physician who continually reads and attends all types of meetings and post-graduate courses.

...and for gentle bowel regulation without bloating, take ...

BASSORAN

Brand of Sterculia Gum and Magnesium Trisilicate

Low residue diets and inactivity seem to conspire to add "constipation" to the symptomatology of many post-surgical, pregnant, and convalescent patients.

Bassoran is ideally suited to the management of such cases.

Bulk without Bloat

This unique combination of sterculia gum and magnesium trisilicate has been commended by a number of physicians because it does not seem to produce a feeling of "fullness" or "bloating." Taken with sufficient water, Bassoran adds soft, nonirritating bulk and gently stimulates peristalsis, facilitating normal evacuation.

Two pleasant, easy-to-take forms:

BASSORAN PLAIN BASSORAN with CASCARA

(Patients should be cautioned to use Bassoran with Cascara only as directed.)

Both types are available in 7-ounce and 25-ounce bottles.

Trademark "Bassoran Reg. U. S. Pat. Of. Since 1828

THE WM. S. MERRELL COMPANY .

CINCINNATI, U.S.A.

Just above these books you will find a large placard telling a story of the Mahoning County Medical Society; its founding in 1872 with 32 members, its officers and its gradual increase in size until its members now number 252. Also shown are its present officers and many committees made up of physicians carrying a tremendous load for the public good. The Mahoning County Medical Society is a component part of the Ohio State Medical Association and the American Medical Association. All three of these organizations set up certain standards for the ethical practice of medicine in this community. All physicians who are members are bound by these ethics to give you the best in medicine, the best care possible, and if they do not, the organizations as represented will attempt to see why and correct the unethical practice.

Just to the left are two X-ray machines. The old one was used in the County along about 1915, and is totally unprotected. The rays coming from this machine caused burns to the operators and many of the pioneer X-ray men died from cancer of various parts of the body which were the result of continued X-ray burns. They lost fingers, toes, parts of the face, arms and many have died without either legs or arms as a result of these burns. The other machine is a modern machine, showing that it is entirely protected and no one in the rooom is exposed to the rays except the individual who is getting the X-ray treatment, or the picture.

As you progress to the end of the tent you come to various statuettes of the heroes of medicine—such men as Reed who conquered malaria and vellow fever; Gorgas who made it possible for us to build the Panama Canal by conquering malaria and yellow fever. Welsh-sanitation which protected us so that we may live in security in this community, protected us from sewerage and milk borne diseases, communicable diseases such as scarlet fever, measles, whooping cough, etc. Oliver Wendall Holmes who became a writer after he had been expelled from the profession because he insisted that the doctors carried infection from one woman or infected person to another who was about to deliver; childbed fever or scarlet fever, etc. And the first abdominal operation that was performed in this country by McDowell. The efforts of these men and many others have made possible some of the advances in medicine particularly within the last 100 years. To appreciate this we have only to think back to some of the scourages that killed individuals, particularly from milk and stream pollution (of which we have too much at the present time) and how many individuals suffered because of lack of operations that doctors did not know how to perform or suffered from diseases which doctors did not know how to control at the source.

Then to the left is a blood forming display in operation continually. It shows how the blood cells are formed, the red and the white cells, from the spleen, bone marrow and lymph nodes and how they are destroyed partic-

ularly by the liver.

As you head forward you come to the tent of the little theatre. On the wall of this tent you will find a picture of another modern institution that is of recent date in Mahoning County, the Receiving Hospital on East Indianola Avenue, its staff and how it is operated and why. Again, for the treatment of disease, an advance in the treatment of early mental diseases; also pictures of some of the masters of surgery of former times—such men as Murphy, Franklin, Crile, McBurney, with citation on appendicitis and how it should be treated early and not played with by the ordinary individual who knows nothing of diagnosis or treatment. Also of high blood presure, what its effects are and how it may be treated by the individual himself.



The Monotonous Cycle of Peptic Ulcer may be broken by

The fluent, agreeable, colloidal **Aluminum Hydroxide**

Fluagel neutralizes excess bydrochloric acid—does not product systemic alkalinization or cause a compensatory increase in free gastric acidity. Fluagel, too, acts to adsorb intestinal toxins of putrefaction and bacteria. By these multiple means it abets rapid healing. Most patients on antac therapy welcome palatable orange-flavored Fluage

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We have a complete stock of Pharmaceuticals for the medical profession

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B COMPLEX plus IRON plus LIVER **ENDOGLOBIN TABLETS**

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Each tablet provides: Liver Residue 3 grs., Ferrous Sulfate, Exsiccated (U.S.P.) 3 grs., Thiamin HCL 1 mgm., Riboflavin 0.066 mg. and Niacin 10

Each tablet provides the raw material universally accepted for hemoglobin regeneration, plus the raw materials for the biochemical mechanisms in which hemoglobin functions.

LOW COST EFFECTIVE HEMATINIC THERAPY

In bottles of 40, 100 and 1000 tablets Available at All Ethical Pharmacies

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Richmond Hill, 18, New York

Along on the opposite wall of the little threater you will find another placard of ancient almanacs which deal with medicine dating from 1732 to 1848. In the center of this are modern pictures of eye condition in color. These show you some of the diseases that affect the eyes. To the right is a placard of modern and old drugs. These are the ones that were carried in the saddle bag over dirt roads or in the cases of the doctor who had one of the early automobiles in this community. There also are recent drugs on the table—you will find penicillin and sulfa. Note the mortar and pestle that was used by the physician or druggist of former times. In the center is an herb cutting machine used 100 to 150 years ago in this community. The physician had to gather his own herbs and drugs from the fields, hedges and woods;



Old and new Drugs; old Mortar and Pestle; old Herb Cutting Machine.

cure and grind them; and make them into pills, lotions and liquids for the use of his patients. On this same table you will find an old Apothecary scale, old but it is still accurate. On this table you will find a modern peritoneoscope for the diagnosis of tumors and conditions outside the intestinal tract; that is, within the peritoneal cavity. It is used to make diagnosis and many patients are spared unnecessary operations. On this same table is a modern gastroscope. These instruments are electrically lighted and are used for the diagnosis of diseases and conditions that are found inside the stomach or outside the intestinal tract as stated before. The Gastroscope is flexible and used sometimes like a periscope on a submarine; through this the operator will make a diagnosis, the individual operator understanding the conditions that are found in the walls of the stomach. The diagnosis can be made and a specimen removed so that the laboratory can aid in the diagnosis, supplementing the X-ray findings.

Then as you go forward you come to several display boards. The first one contains pictures, books, and day ledgers of some of the former physicians of this community. The books date back to the beginning of the sixteenth



Peritoneoscope; old X-ray Machine; Dr. Coy's Book Display; old Apothecary Scales.

century. They show you some ways that individuals were treated and what physicians of the time studied. Also the day ledgers begin about 1837 and come down to about the beginning of this century. It shows how an individual practiced medicine, how he carried on and made his charges, and how he received payment in produce and other materials.



A group of pioneer physicians.

Then the next section is that of pictures of men who practiced in this community— Wm. Buechner, James Bennett, Coy, Campbell, also group pictures of the former staff of the Youngstown Hospital, such men as Welsh, the two Buechners, McCurdy, Booth, Blott, C. R. Clark, A. M. Clark, Hauser, Whalen, Heberding, Harry Evans, Merwin and many others are found on these group pictures.

The next board contains instruments that are used in a modern operating room— hemostats, hysterectomy clamps, retractors, scissors, knives. The modern knife you will notice has a demountable handle. The blade can be changed during the operation or at any time whenever it becomes dull, in contrast to the knife that was used 70 or 80 years ago. There are tonsilectomy instruments, bone instruments, stomach and intestinal instruments and everything that goes to make up a complete operating outfit today. You must remember that all the instruments that are used on an operating table are not there but these are just a few to show you the type that are used. The next group of instruments were used by Dr. James A. Sherbundy in the practice of surgery in this community and county. These instruments



Instruments of the late Dr. James A. Sherbondy and Dr. Wm. H. Buechner.

are more modern. The next group was used by Dr. W. H. Buechner. They are not old but are a little more ancient than those used by Dr. Sherbondy. The knife on the upper left corner of the board you will notice is a little different than the knife that was on the first board. There is a permanent handle and it was designed by himself so that he could use it because of an amputated index finger of his right hand. There are gastro-intestinal instruments for removal of tumors or making resection of the bowel because of obstruction. The ones on the modern board are more easily handled and better than the ones that were used by Sherbondy and Buechner. The Murphy Button is found on these early boards. It is in use today but not as much as it was at the time it was designed and put into use by Dr. Murphy 75 years ago.

The next display is that of instruments used at the present time in modern eye surgery. On the sides you will find instruments that are used at the present time for bronchoscopic work, removing foreign bodies from the lungs and bronchi, with treatment instruments. A Pharyngoscope is for treatment and diagnosis of diseases in the back of the mouth. At the bottom of the board you will find an old Cystoscope used about the beginning of the century, while to the left of it is a modern Cystoscope, with Analscope, Sigmoidoscopes and many other instruments used for the treatment and diagnosis of disease.



Instruments-Old and New.

The next board contains many instruments of a somewhat later date. For instance, in the center is an old Stethoscope, not much changed from the modern one except it does not contain any rubber. The fibre material, that was used for tubing, was in use about 1875. At the upper corner of this board you will find a Blood Letting Machine, just a snap to let the knife cut through and produce bleeding, because in those days they bled for certain types of disease while now we give blood for probably the same disease. Beside this you will find some tooth extracting instruments which are rather crude.

On the next board you will come to instruments that were used about 1870-1890, bone instruments, saws. In the lower corner of the case are instruments used by Dr. Atkinson about 1875 and the group used by Dr. Haseltine about 1835. As you will notice they have fibre handles which could not be sterilized. In the left hand corner is an old enema outfit which, again, has no rubber connected with it. It has the fibre tubing and a two-way pump which to us today would mean disaster if we attempted to use such a crude instrument with such terrific pressure as could be applied with this

apparatus.

On the last board you will find instruments used during the Civil War Period. In the upper left hand corner are instruments carried by Dr. Coy in the Civil War and for practice in this community for many years after that time. These instruments, as you notice again, are rather crude but they contain excellent steel. In the lower left hand corner you will find some spectacles that were used by the men in those days. Notice the crudeness of these and the size of the lens. Just to the right of this you will find a blood letting machine which has many knives. The knives are still razor sharp—with a suction apparatus used for sucking out the blood after the blood letting machine was used.

In the lower left hand corner you will find a set of instruments used by Dr. John McCurdy in this county and during the Civil War. They are of the same type as those used by Dr. Coy. To the right you will find a set of instruments used by Dr. Packard at a later date, not during the Civil War. These instruments were used in Austintown which was a part of Trumbull County. In the upper right hand corner you will find instrument.

used by Dr. Blott during the latter part of the last century and early part of this century.

This exhibit, ladies and gentlemen, is for your inspection and enlightenment, so you can see the progress of medicine from 1846 to 1946. You can see there have been many advances made in the practice of medicine and in the treatment of disease. Many more things are known. Early diagnosis is made today. We hope we have not frightened you so that you will not consult your physician. The physicians of this community are well trained, well able to take care of the conditions that will arise in and through disease in your body. See your physician early, and follow his advice. If he feels it is necessary to have consultation he will send you to an individual known as a specialist. Some ninety of our physicians served with the armed forces and attained distinction. They are now back giving you the advantages they have learned through their military service and their post-graduate work.

—WM. M. SKIPP.

URGENT NEED FOR NURSES

40,000 nurses urgently needed!

Why not become a nurse? In spite of extravagant and unrealistic statements over radio and through the press, prospective students resist the urge to make nursing a career. Veteran nurses and other graduates are leaving the profession—young women today have a large field from which to choose a career, hence they are more critical and selective than a few decades past. Sacrifice and hard work are not popular terms or conditions. Although few people analyze a given proposition there is a safe criteria by which any job can be evaluated. Nurses, as well as all professional or vocational workers, require three basic things from their job.

- 1. Satisfaction in achievement and recognition of effort;
- 2. Good working conditions;
- 3. Adequate compensation to provide the comforts of life with security for sickness and old age.
- 1. Satisfaction in the nursing profession is accomplished through acceptance of a worthwhile job, and through consciousness of achievement on the part of the nurse and a sense of contentment on the part of the patient, plus recognition implied and expressed by the physician and hospital administration. Recognition is basic and involves expressed confidence, increased shared responsbility and opportunity to participate in policies and plans pertaining to nursing care. In other words the nurse wants to be consdered an individual with a contribution to make—she wants to use her acquired skills, knowledge and judgment in the interest of her profession, without regimentation, dictation or subjugation. Nursing does not include medical practice, but rather parallels medical procedures to give safety, comfort and well being, and to expedite recovery of the sick. There is no work in life that holds as great potentialities for satisfaction as the intimate professional relationship between the nurse and her patient. Any successful nurse will avow to the value of these compensations. The selection of the student, the indoctrination of ideals and attitudes, with the acquisition of professional skills, and a favorable (Continued on Page 341)

SEPTEMBER MEETING

(Continued from Page 315)

The theme carried through the picture was:

THE MECHANISM OF HEMOPOIETIC PRINCIPLE

Extrinsic factor.
 Intrinsic factor.
 Absorption.
 Hemopoietic Principle.
 Liver Action and storage.
 Red bone marrow for morrow
 normablastic Hemopoiesis

Whenever any one of the four precursors of Hemopoietic Principle is defective, nomoblastic hemopoiesis will not occur. If bone marrow is physiologically altered or quantitatively decreased so that it is not responsive, hemopoiesis is suppressed.

Clinical examples of altered mechanism of hemopoietic principles are:

Extrinsic factor deficient
Intrinsic factor deficient
Absorption deficient
Liver action and storage deficient
Red Bone Marrow Inert

Sprue
Pernicious anemia
Sprue
cerrhosis chronic Hepatitis
Aplastic Anemia

Following this introductory section, there was a quite complete presentation of clinical examples. There was demonstration of patients, blood and bone marrow studies produced from direct photomicrographs in Kodachrome. Diagnosis and treatment followed. The film was well received and was very instructive.

COUNCIL MEETING

The regular monthly Council meeting was held at the office of the Secretary on the 9th of September.

The following applications were approved by the Censors for Membership in the Society:

FOR ASSOCIATE MEMBERSHIP Dr. Elmer T. McCune, Sebring, Ohio.

FOR INTERNE MEMBERSHIP
Dr. Nathan D. Belinky, 1029 Himrod
Ave.; Dr. Rollis R. Miller, Jr., 3100
Market St.; Dr. Cldye K. Walter,
Canfield, Ohio; Dr. Sidney C. Keyes,
104 Elm St.; Dr. Robert M. Kiskaddon, 244 Lincoln Ave.; Dr. Kenneth
E. Camp, 8 W. Wood St., Lowellville,
Ohio.

Unless objection in writing is filed with the Secretary within 15 days, the above become members of the Society.

V. L. GOODWIN, M. D., Secretary.

NEWS

Dr. and Mrs. Edwin R. Brody have left for New York City where Dr. Brody is taking a postgraduatiourse in Dermatology at the New York Skin and Cancer Hospital.

Dr. and Mrs. M. S. Rosenblum attended the American Diabetes Association Convention September 16, 17, and 18 at Toronto, Canada.

Dr. F. G. Kravec spoke to the Hubbard Business and Civic Association on Tuesday, September 10th, and his subject was "Tuberculosis", with illustrations of X-rays showing the newer methods of diagnosis and treatment.

FOR SALE—Instruments, equipment, office desk and chairs of the late Dr. Louis Deitchman, Call 31968 for appointment.

OCTOBER

URGENT NEED FOR NURSES

(Continued from Page 339)

environment play a part in the consummation of these satisfactions. Public and governmental emphasis on mass production of nurses have resulted in less selectivity, lower maturity, accelerated educational experience, reduced emphasis on the intangible qualities of human relationships—the end result is a confused, insecure, unhappy person, unable to get satisfaction from her work, or to make the contribution she should make.

This is a rough, overall picture; many of the newer members of the profession are well adjusted, secure in their practice and are making a fine contribution. This is the criteria of successful persons, wherever they work. If the known principles of good mental hygiene were applied to human relationships—between physician and patient, nurse and patient, physician and nurse—many problems would be eliminated, and nursing would give greater satisfaction.

- 2. Favorable working conditions. As nursing emerges from the status of a calling demanding self-sacrifice as its just due, to that of a professional career, working conditions have slowly improved, not however, as fast or as far as they should. True, the working hours have been reduced to eight hours a day— 48 hours a week—in most hospitals, still split hours are generally prevalent, with little or no provision for the nurse's physical comfort or mental contentment. The nurse who lives out spends on the average ten to twelve hours a day with her work. It is difficult to live a normal life on these terms-too little time or strength for inspiration and education through reading, club affiliations, lecture forums, music or art participation, civic or church activities. Again, a nurse wants to be a person. Incidentally nurses are seldom consulted in planning the physical framework of their field, or in the selection of the equipment they must use. A keen, interested, informed nurse should be a valuable asset on a building committee, with practical suggestions that should add to efficiency and save time and nerve. Working conditions might be improved to the benefit of the patient, hospital administration and nurse if selected nurses were used on hospital boards and committees where their practical suggestions could be made available and put into practice.
- 3. Adequate Salaries. Nursing should not be considered a means to wealth or affluence. However, no one can do a fine piece of work with the subconscious fear of physical insecurity. Salaries have been increased, the cost of special nursing care to the average individual is already difficult to meet over a prolonged illness, yet the salary of the average nurse provides a meager standard of living, without provision for security in illness or old age. Most people complacently think a private duty nurse makes a very good salary. Working 8 hours a day, 365 days a year, practically an impossible feat, her yearly salary would be \$2,920. True, this could maintain a decent standard of living, certainly not extravagant, if it were possible to live by work alone, and to keep up this pace for even one year—however, every day, every hour she does not work is deducted from her income while living expenses continue. How much security against the future can thus be built on an individual basis? And this is an exaggerated salary of one of the better paid positions!

When, and if, some plan for even limited financial security is developed, working conditions are improved, a favorable environment for satisfaction is recognized, then the nursing profession will appeal to sound-thinking, mature women.

DISTRICT No. 3. O. S. N. A.

Have you patients with any of these conditions?

Nephrotosis or Visceroptosis with Symptoms—Low-Back Pain—Spinal Fractures, Deformities or Disease— Inoperable Hernia—Prenatal, Postpartum, Postoperative Conditions— Breast Disorders or Breast Removal —Certain Cardiac Syndromes?

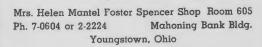
A SPENCER SUPPORT

DESIGNED ESPECIALLY FOR YOUR PATIENT

Will meet your requirements and patient's personal needs precisely, because each Spencer is individually designed, cut and made for the one patient who is to wear it. That is why they are so effective. You state what you need. After that you are saved all bother regarding proper design, fit, comfort.

Every Spencer is designed to provide support to lower abdomen, with no downward compression; snug binding of pelvic girdle; back support; posture-improvement.

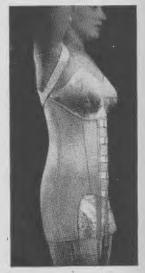
Telephone or Write to the Spencer Corsetiere below whose Address is nearest Yours.



Mrs. Ann McQuillan Ph. 7-8194 or 4-4516

225 E. Dewey Ave. Youngstown, Ohio

Mrs. Laura Wilcox Ph. 7-6656 or 8-3575 122 Park Ave. Youngstown, Ohio



REPORT ON CENTENNIAL MEDICAL EXHIBIT

(Continued from Page 319)

The accessory tent in which 12 different medical films were shown was continually overcrowded. The people were fascinated by these films. They were continuous from 12 noon until 9:30 P. M.

We made an effort to have five doctors take care of the public at all times, two at the microscopes and tumor displays, two at the instrument panel and one at the iron lung. We feel grateful to the Medical Society for their help and co-operation. It took their help to complete the picture.

We, the committee, would be very ungrateful if we did not mention the name of Fred Lyons and with him Howard Schaffer and his crew of workmen. Without them we would have been lost. To Dale Brothers, who prepared the display of old and new drugs; to the Isaly Dairy Co., who printed all our signs as a good will offering to the Medical Society, we owe our thanks. To the Y. M. C. A., who loaned us the tables and chairs used in the tent, we are grateful.

DR. S. G. PATTON, Chairman.

DOCTOR!!

TELL YOUR PATIENTS
TO ASK US ABOUT OUR

Professional Budget Plan

WE CAN WORK OUT A PLAN—BUDGETING—PRO-FESSIONAL BILLS—THAT WILL BE SATISFACTORY TO YOU AND YOUR PATIENT

THE MEDICAL-DENTAL BUREAU, INC.

Schween-Wagner Bldg. 125 W. Commerce Street

Old Way...

CURING RICKETS in the CLEFT of an ASH TREE

FOR many centuries,—and apparently down to the present time, even in this country—ricketic children have been passed through a cleft ash tree to cure them of their rickets, and thenceforth a sympathetic relationship was supposed to exist between them and the tree.

Frazer* states that the ordinary mode of effecting the cure is to split a young ash sapling longitudinally for a few feet and pass the child, naked, either three times or three times three through the fissure at sunrise. In the West of England, it is said the passage must be "against the sun." As soon as the ceremony is performed, the tree is bound tightly up and the fissure plastered over with mud or clay. The belief is that just as the cleft in the tree will be healed, so the child's body will be healed, but that if the rift in the tree remains open, the deformity in the child will remain, too, and if the tree were to die, the death of the child would surely follow.

*Frazer, J. G.: The Golden Bough, vol. 1, New York, Macmillan & Co., 1923



It is ironical that the practice of attento cure rickets by holding the child cleft of an ash tree was associated wirising of the sun, the light of which wknow is in itself one of Nature's spe

New Way...

Preventing and Curing Rickets with MEAD'S OLEUM PERCOMORPHUL

NOWADAYS, the physician has at his command, Mead's Oleum P morphum, a Council-Accepted vitamin D product which actually pre and cures rickets, when given in proper dosage.

Like other specifics for other diseases, larger dosage may be required extreme cases. It is safe to say that when used in the indicated dosage, Moleum Percomorphum is a specific in almost all cases of rickets, regardled degree and duration.

Mead's Oleum Percomorphum because of its high vitamins A and D conte also useful in deficiency conditions such as tetany, osteomalacia and xerophthal

COUNCIL-ACCEPTED: Oleum Percomorphum With Other Fish-Liver Oils and Viosterol. Contains 60,000 vitamin A units and 8,500 vitamin D units per gram and is supplied in 10 c.c. and 50 c.c. bottles; and in bottles containing 50 and 250 capsules.

MEAD JOHNSON & COMPANY, EVANSVILLE, INDIANA, U.