

# POSTGRADUATE BULLETIN

of the  
Mahoning County  
Medical Society

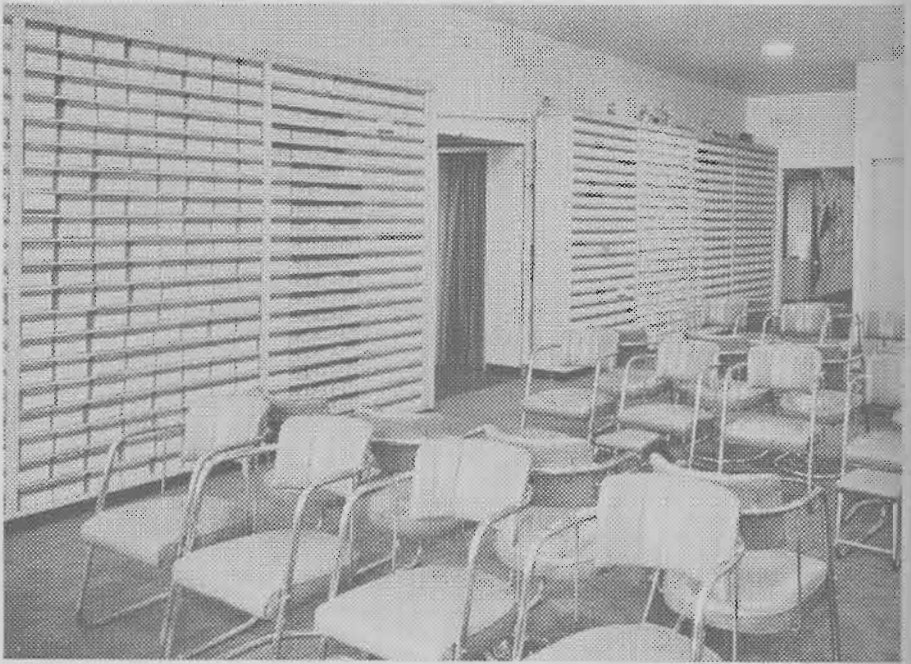


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April 1937

Volume 7

Number 4



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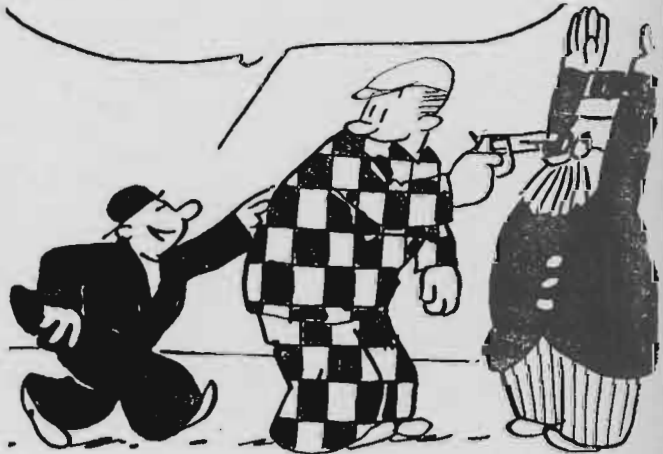
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April, 1937

**Special parking rates have been arranged for Postgraduate Day, April 20th, at the Central Square and Youngstown garages. The rate for all day and evening will be 50c. This includes in and out privileges as often as necessary.**

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## PRESIDENT'S PAGE

Practically all organizations have a roster that can be divided into workers and non-workers.

And when you hear the word "clique" used to designate a group in an organization, you can be almost certain that the word is used to denote those men who are *actively concerned* about society activity, namely, *workers*.

We are fortunate that we have such a large group of workers, and zealous workers too, for without such zeal and concentrated activity, that the committees are showing, we could not put on such a magnificent scientific program as the 1937 Postgraduate Day promises to be.

I am especially interested in the outcome of this day, as the men in charge are all *young* men and if we are to progress, as a society, the young men must take an active part in *all society* activities, for upon them we will depend for future leadership.

PAUL J. FUZY, M. D.



# BULLETIN

of the

## MAHONING COUNTY MEDICAL SOCIETY

A P R I L 1 9 3 7

### VASCULAR DISEASES OF THE LIMBS

Sir Thomas Lewis in his book, "Vascular Diseases of the Limbs," states:

"Recognizing that the initial pain of embolism is ischemic and muscular in origin, we are able to understand how in one case numbness, and in another, pain, appears first; a limb that remains quite still after losing its circulation becomes completely numb before pain arises; a limb that is working at the time of arterial obstruction develops severe pain within a few minutes. Pain, as a severe initial symptom of embolism, is the rule when the artery supplies a limb, the heart, or the bowel; these organs all contain a large proportion of muscle. Embolism of non-muscular organs, like brain or spleen, is painless. Intermittent pain, in the leg, or claudication occurs in a variety of maladies, the most frequent being the arterial diseases of the elderly or diabetic and thrombo-angitis, all conditions in which the arteries are gravely diseased. There is an obstacle to the free passage of blood to the affected limb. Not infrequently, in cases where coronary arteries are also diseased, it is associated with angina of effort; the relation of pain to exercise presenting remarkable similarities in the two maladies. The

smaller the supply of blood, the earlier will the pain come during walking and the more slowly will it recede when the subject rests. In patients tending to display intermittent claudication, the addition of a state of general anemia aggravates the malady by reducing the oxygen supply to the muscle; the appropriate treatment of the blood state here leads to improvement of the local symptoms. Similar conditions occur in the vessels of the arms.

"Vasodilator drugs used to increase blood flow to the limbs have little or no value because of their fleeting action. Among the drugs used are (1) Nitrites, (2) Choline derivatives, (3) Muscle and pancreatic extracts.

"Periarterial stripping is being discarded. Sympathectomy is the most certain means of producing long lasting vasodilatation. It consists in the removal of the last two or three lumbar sympathetic ganglia. A preliminary test, that of spinal anesthesia is sometimes used to ascertain how much vasodilatation may be expected. Cases that respond well are the most favorable for sympathectomy.

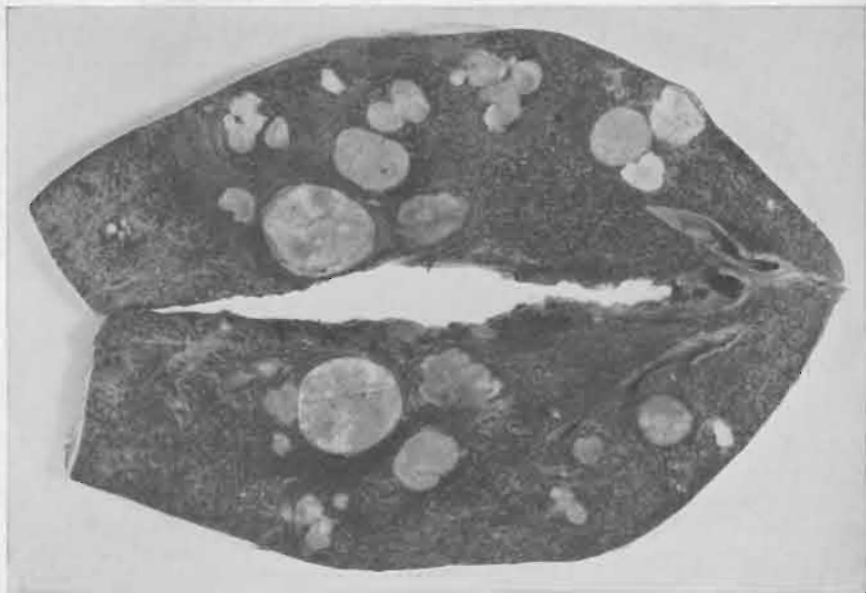
"Suction Methods as Pavex have given some promising results."

M. W. NEIDUS, M. D.

## PRIMARY HEPATIC PARENCHYMAL CARCINOMA\*

Case Report and Photomicrographs

By G. B. KRAMER, M. D.



Part of liver showing tumor nodules.

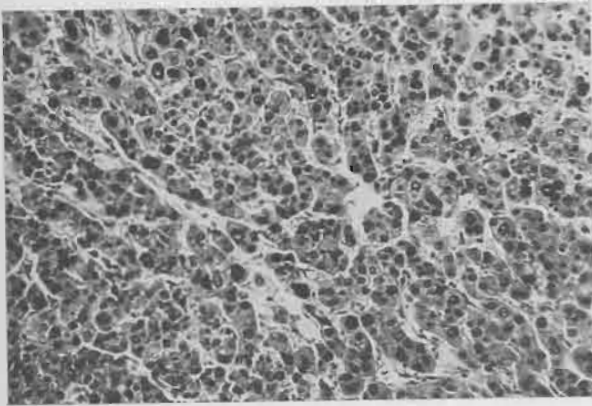
That primary carcinoma of the liver is of rare occurrence is well established, but the figures regarding the frequency with which it occurs are rather conflicting. Of all necropsies performed on cancerous humans, leading authorities give the following percentages: Ewing, .28 to 1.5%; Stout, .34%, and Counseller, 2.5%. From our own observation, we are inclined to believe that its frequency is about 1%.

Primary hepatic parenchymal carcinoma is more frequently seen in the male (Stout) and biliary carcinoma seems to occur more often in the female (Ewing). The average ages appear to be between forty to seventy and the majority of cases probably occur between fifty to sixty, but it may also occur in infancy and early child-

hood (Smith). Cirrhosis is present in about 85% of all cases. Its association, however, is particularly conspicuous in biliary carcinoma and in those parenchymal carcinomata, found in livers infested with parasites (*Distoma Hepaticum*). The latter is frequently seen in Chinese and Malays. Extrahepatic metastasis may or may not be present; if present, its usual sites are the lungs, lymphnodes, bones and peritoneum (MacCallum), and involves less regularly the pancreas, kidney, ovary, thyroid and cranium.

Clinically a patient with this type of tumor does not necessarily present the usual train of symptoms associated with liver destruction. When the tumor is central, one may die suddenly from hemorrhage due to vascular erosion by the neoplastic growth, without previously having had any symptoms, as in Karsner's case, or an apparently healthy person may suddenly develop jaundice and ascites and

\*Presented at the regular Clinical Pathological Conference held at the Youngstown Hospital, January 22nd, 1937.



Microphotograph showing arrangement and character of the cancer cells.

die from the tumor in a very short time as in the case here presented.

**ABSTRACTS OF HISTORY:** B. B., a white male, 65 years of age, was admitted in the North Unit of the Youngstown Hospital, December 26, 1936. Excepting for intense jaundice, the patient was in fairly good physical condition. He gave a history of having had a streptococcal throat four weeks prior to the date of admission, from which infection, he fully recovered. Shortly after the infection episode, he became yellow which, as time went on, became progressively worse. Physical examination revealed the abdomen very much distended with fluid, tenderness in the epigastric and hepatic regions and definite liver dullness extending five finger breadths (about 10 cm.) below the right costal margin. Because of the abdominal distention, it was difficult to make out whether the surface of the liver was smooth, rough or nodular. There was no adenopathy. Temperature, pulse and respiration were normal. The remaining physical findings are not pertinent and are left out. Laboratory findings: Hemoglobin, 80% or 12.9 grams; Erythrocytes, 4,840,000; Leucocytes, 8,800; Polys, 77 and Small Lymphocytes 23. Urine: Albumin, 2 plus, Bile, 4 plus, Few granular casts; 3 to 5 white cells

and 1 to 3 red cells per high power field: Van den Bergh reaction, positive, both, direct and indirect; Icterus Index, 180; Stool brown, solid, no mucus, visible blood negative and occult blood present.

The roentgenologic report from a flat film states, that there is a large, rather dense mass in the upper abdomen chiefly in the right upper quadrant and extending to the left which gives the appearance of an enlarged liver. The stomach is small and the large intestines contain some gas; there is no distention. G. I. series reveals good filling of the stomach, some deformity of the pyloric end and first and second portions of the duodenum; the duodenum being pushed downward and somewhat to the left. The appearance is that of an extrinsic lesion not originating in the stomach or intestine.

During his stay in the hospital, he got progressively worse. On January 3rd he had epistaxis; on January 7th, jaundice and abdominal distention were more severe; he became very weak; temperature, 104; pulse, 119; respiration, 30, and expired the same day.

Clinical diagnosis: Primary Ca. of Liver.

Necropsy was performed about five hours after death. Body is well de-

veloped, well nourished and intensely jaundiced. Abdominal cavity contains about 1,000 cc. of clear, yellowish fluid; peritoneum, heart, mediastinal lymphnodes and lungs are essentially negative, save for old apical adhesions of the latter; spleen is congested and slightly larger than the usual size.

The liver is large and weighs about 3,500 grams; the color is brownish-red; surface is nodular; some of the nodules are round, some are oval and vary in size from 5 to 3 cm. across. These are slightly elevated with somewhat depressed centers, greenish-yellow in color and have well defined margins. A large, soft mass in the right lobe is protruding from the posterior surface pointing downward and is firmly adherent to the duodenum. On section, this mass measures about 16 x 15 x 12 cm. The outer one-third of the tumor has undergone liquefaction necrosis. The fluid is of chocolate color in which there are small particles of solid, necrotic tumor tissue. The remaining two-thirds of the mass has the consistency of soft clay, sticky, of greenish-yellow color and of foul odor. On removing this mass, a thin layer of solid tumor tissue remains with the liver at the line of separation. On cutting through the liver, cirrhosis is conspicuously absent. Numerous nodules with various shades of greenish-yellow, are present, of the shape and size mentioned above. The smaller nodules are firm and the larger ones are soft. The soft consistency increases with the increase in size of the nodules; the lobular outline of the uninvolved liver tissue is distinct, the peripheries of the lobules are brownish-yellow and the centers are brownish-red. Numerous thrombi are noted in the medium and smaller sized portal veins.

Microscopic examination of the tumor presents large cuboidal cells resembling Kupffer cells arranged in columns and interlacing strands. The cytoplasm is strongly acidophilic and takes the eosin stain beautifully.

Higher magnification reveals the cytoplasm to be somewhat granular. The nuclei are large and hyperchromatic; giant cells are absent but multinucleated cells are prominent. An endothelial like structure ramifies between the individual tumor cells and columns of cells, thus forming vascular sinusoids closely imitating sinusoids present in normal liver. There is complete absence of fibrosis both in the involved and uninvolved structures. Bile pigment is present both in normal and tumor cells.

Gall bladder is small and filled with thick bile. Stomach, intestines (save for adhesions mentioned above), pancreas, adrenals, retroperitoneal and mesenteric lymphnodes, present nothing unusual.

Kidneys are larger than normal, capsule is somewhat adherent, surfaces fairly smooth, dull-red and on section are somewhat swollen and cloudy. The pyramids are moderately congested and the kidneys weighed 150 and 160 grams respectively.

The microscope discloses fairly recent changes in the glomerular tufts. The outer epithelial layer is somewhat swollen, proliferative and more numerous at the neck of the tuft. The inner endothelial layer is also slightly swollen but without proliferation and some of the capillaries are filled with blood. The tubular epithelium is edematous, granular, raggedy and the lumina are filled with a granular albuminous substance. Degenerative changes in the tubular epithelium are recent and prominent, thus reflecting an acute degenerative process superimposed upon an older inflammatory condition.

Bladder and prostate are normal.

**POST MORTEM DIAGNOSIS:** Primary massive, hepatic parenchymal carcinoma with liquefaction necrosis. Associated findings: Portal thrombosis, ascites, passive congestion of spleen, acute toxic nephrosis and jaundice.

**DISCUSSION:** The clinical diagnosis merits commendation, because the clinical course, the clinical pathologic and physical findings vary greatly which makes the diagnosis difficult. Fever, anemia, cirrhosis, palpable nodules on the liver surface and cachexia are noted in more than 60% of the cases. All these were absent in this case. Again the symptoms and clinical pathologic findings which were present in this case might often be present in liver involvement other than in hepatic neoplasms; jaundice and ascites may be associated with portal thrombosis and cholangitis, in secondary carcinoma, gummata and echinococic cysts. Roentgenologic and clinical pathologic findings, particularly the latter, are not always of diagnostic assistance. The important factor, therefore, is the knowledge of, and the art in, differential diagnosis.

From the post mortem findings, it becomes clearly evident that the neoplasm was responsible for all of the symptoms. Jaundice was caused by pressure upon the hepatic cells and upon the bile ducts and perhaps also by direct toxic destruction of Erythrocytes by the liquefactive necrotic mass. Thrombosis and pressure upon the hepatic vessels resulted in ascites and passive congestion of the spleen. The kidney involvement was a toxic exaggeration of the damage caused perhaps, by the previous streptococic infection. Pressure was also responsible for the tenderness and deformity of the pylorus and duodenum and the terminal fever may be explained by toxic absorption of the necrotic mass.

**SUMMARY:** A case of massive primary parenchymal carcinoma of the liver, is here presented, which suddenly developed in an apparently otherwise healthy individual, resulting in death within seven to eight weeks from the time the first symptoms of jaundice appeared.

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### STATE ASSOCIATION MEETING

The Ninety-First Annual Meeting of the Ohio State Medical Association will be held at the Hotel Biltmore, Dayton, Wednesday and Thursday, April 28 and 29.

The complete program for the meeting, together with abstracts of the papers to be presented, will be published in the April issue of *The Ohio State Medical Journal*.

The meeting will open with a session of the House of Delegates beginning at 10:00 A. M. Wednesday. Dr. E. M. Huston, Dayton, president of the State Association, will deliver the presidential address at this session, and reports of officers and standing committees will be presented and resolutions introduced.

The scientific sessions will begin with the opening of the Scientific Exhibit at 1:00 P. M. Wednesday, followed by a general session at 2:00 P. M. Dr. Weston A. Price, Cleveland, will be the guest speaker, and the following physicians will speak as representatives of scientific sections: Dr. J. Fremont Bateman, Columbus, Section on Nervous and Mental Diseases; Dr. S. O. Freedlander, Cleveland, Section on Surgery; and Dr. Charles A. Doan, Columbus, Section on Medicine.

Guest speakers at the Wednesday evening session will be Dr. Walter C. Alvarez, Rochester, Minn., and Dr. Frank E. Adair, New York City.

Sessions of six scientific sections; medicine, surgery, obstetrics and gynecology, pediatrics, nervous and mental diseases, and eye, ear, nose and throat

will be held Thursday morning beginning at 9 o'clock.

The members of the House of Delegates will have a luncheon Thursday noon, followed by its final session. New officers will be elected at this meeting, and Dr. John B. Alcorn, Columbus, will be installed as president.

Dr. Fred W. Rankin, Lexington, Ky., will be guest speaker at the Thursday afternoon general session beginning at 3 o'clock. Section representatives appearing on the program for this session will be: Dr. Wm. B. Chamberlin, Cleveland, Section on Eye, Ear, Nose and Throat; Dr. C. R. Rittershofer, Cincinnati, Section on Pediatrics, and Dr. William H.

Weir, Cleveland, Section on Obstetrics and Gynecology.

The meeting will be concluded Thursday evening with the Annual Banquet of the State Association, arranged by the Montgomery County Medical Society. The speaker will be Lloyd C. Douglas, Los Angeles, Cal., author of "Magnificent Obsession," "Green Light," etc.

All of the scientific sessions, the scientific and technical exhibits and the Annual Banquet will be at the Hotel Biltmore, the headquarters hotel.

Youngstown physicians scheduled to participate in the meeting, either as discussants or essayists are: Dr. Wm. H. Bunn, Dr. John N. McCann.

## LOCAL CARDIOLOGIST CITED IN AMERICAN MEN OF SCIENCE

By MIRIAM AVERBACH

In browsing through "American Men of Science" in the Public Library recently, the writer discovered that one of Youngstown's own physicians is mentioned there as having collaborated with the famous Dr. Hatcher in having made a very valuable contribution to medical science.

The man was Dr. Jacob George Brody, local cardiologist. His contribution is the method of standardizing digitalis, known to the medical world as the Hatcher and Brody cat method. Dr. Brody's name appears in "American Men of Science" as physiologist and pharmacologist.

Born in Vilna, Russia, September 30, 1880, Dr. Brody received his early education in Europe, coming to this country in 1902. Already equipped with a fair knowledge of English, young Brody entered Rayen School as a special student. Here he remained for a year, finishing his high school work begun in Europe. Persons then on the faculty of Rayen School assert that the young man up to this time had read more good books than any other Rayen student who

had come under their observation. In Europe, Jacob had read books in the original Russian, German and French.

In that day, an arts course was not one of the requirements to enter medical school, although he had had three years of college work, so Jacob Brody matriculated at Western Reserve Medical School, where he received his M. D. degree. Dr. Brody was able later to add an A. B. to his M. D. degree. Not yet content, however, he entered Western Reserve University, where he received his master's degree.

In 1910, Dr. Brody was appointed instructor in pharmacology at Cornell University, where he became associated with Dr. Hatcher in research work, which eventually resulted in the perfecting of what is known today in medicine as the Hatcher and Brody cat method of standardizing digitalis. Dr. Brody spent two years at Cornell after which he returned to Youngstown to enter into general practise, devoting much of his time to obstetrical work which took him into homes of people of all national-



ities. In this latter type of work his linguistic abilities were called into play, for Dr. Brody speaks eleven languages fluently.

After ten years of practise he returned to his research work and teaching. He was given a teaching fellowship at Western Reserve Medical School where he remained until 1925, leaving to become associate professor of physiology in Georgia Medical College. After a year he received a professorship in New York Homeopathic Medical College. Dr. Brody taught there until 1929 when he returned to Youngstown. He was appointed staff cardiologist at St. Elizabeth's Hospital, this city.

Dr. Brody enjoyed quite a reputa-

tion as an ornithologist and had made the study of bird life his hobby for many years.

In February, 1912, Dr. Brody married Jennie Zsupnyick of Cleveland. Mrs. Brody, who passed away in January of this year, was also a lover of good books and was ever seeking more and more knowledge. At the time of her death she was working for her masters' degree at Western Reserve University. Two children, Daniel, a student at Western Reserve Medical School, and Elsa Brody Frohman, in her senior year in Berne Medical School in Switzerland, inherit their father's scientific inclinations and both parents' love of literature and art.

## WE MUST GO ON

By CLAUDE B. NORRIS, M. D.

"The sovereignty of man lieth hid in knowledge," Lord Bacon tells us. Emerson says, "There is no knowledge that is not power." If any group of public servants have deserved their high sovereignty in the realm of human affection, it is the Medical Profession. To the extent that we have ceased to reign in the respect and trust of our fellows, we demonstrate a loss of some of that "knowledge that is power."

A large part of the "knowledge that is power" which the physician should have, has to do, of course, with the workings of the human spirit. And this, it seems to me, is something closely linked to the spiritual side of the physician. It is not precisely *that* knowledge that is under present consideration.

Rather, we are concerned now with that knowledge which deals with facts; demonstrated, or, at least fairly well supported, and workable, facts. We get these facts in medicine, through experience, reading, and courses of instruction.

Do any of us pass a month, a week

—even a day—without having presented to us problems, acutely necessary to be solved? In all honesty, at least with ourselves, must we not admit that we very probably *could* solve many of them upon which we fail had we used our best efforts beforehand in preparing for the event? Should the patient die, when we could have saved him had we used all our opportunities to learn, what is our moral burden in the premises?

The Mahoning County Medical Society is rightfully proud of her far-flung fame—locally, in the State, and in the Nation. Her influence is recognized as a great asset for community good. Let us sustain that influence by meriting it.

The Society, on April 20th, is to hold the Tenth Postgraduate Day. The Faculty chosen for the occasion is of the very highest quality. The program deals with important subjects.

The "turn out" this year ought to be the best we have ever had. Undeniably the set-up will appeal to our friends and neighbors—doctors be-

yond our borders. They will be here in large numbers.

It is not alone a question of loyalty to our Society. It is practical consideration of the welfare of our patients, who trust themselves to our care. And we "must live with ourselves"—

must respect ourselves. All these reasons justify one to believe that the members of the Mahoning County Medical Society will, this year as they have always done—get right back of Postgraduate Day and support it loyally and fully.

### AMERICAN MEDICAL GOLFERS PLAY IN ATLANTIC CITY MONDAY, JUNE 7, 1937

The American Medical Golfing Association will hold its twenty-third annual tournament at beautiful Seaview Country Club, Atlantic City, New Jersey, on Monday, June 7, 1937.

#### Seventy Trophies and Prizes

Thirty-six holes of golf will be played in competition for the seventy trophies and prizes in the nine events. Trophies will be awarded for the Association Championship, thirty-six holes gross, The Will Walter Trophy; the Association Handicap Championship, thirty-six holes net, The Detroit Trophy; the Championship Flight, First Gross, thirty-six holes, The St. Louis Trophy; the Championship Flight, First Net, thirty-six holes, The President's Trophy; the Eighteen Hole Championship, The Golden State Trophy; the Eighteen Hole Handicap Championship, The Ben Thomas Trophy; the Maturity Event, limited to Fellows over 60 years of age, The Minneapolis Trophy; the Oldguard Championship, limited to competition of past presidents, The Wendell Phillips Trophy; and the Kickers Handicap, The Wisconsin Trophy. Other events and prizes will be announced at the first tee.

#### 1300 A. M. G. A. Fellows in Every State of the Union

Dr. W. Albert Cook of Tulsa, Oklahoma, is President, and Dr. E. S. Edgerton of Wichita, Kansas, and Dr. Clarence Capell of Kansas City, Missouri, are vice presidents of the American Medical Golfing Association, which was organized in 1915 by

Dr. Will Walter, Dr. Wendell Phillips and Dr. Gene Lewis, and now totals 1,300 members representing every state in the union. The living past presidents include Dr. Thomas Hubbard of Toledo, Dr. Fred Bailey of St. Louis, Dr. Edward Martin of Media, Pa., Dr. Robert Moss of LaGrange, Texas, Dr. Charlton Wallace of New York, Dr. Will Walter of Evanston, Ill., and Charlottesville, Va., Dr. James Eaves of Oakland, Calif., Dr. Chester Brown of Danbury, Conn., Dr. Samuel Childs of Denver, Dr. W. D. Shelden of Rochester, Minn., Dr. Walter Schaller of San Francisco, Dr. Edwin Zabriskie of New York, Dr. Frank A. Kelly of Detroit, Dr. John Welsh Croskey of Philadelphia, Dr. Homer K. Nicoll of Chicago, Dr. Charles Lukens of Toledo, and Dr. M. M. Cullom of Nashville, Tenn.

#### Dr. Walt P. Conaway Again Heads Atlantic City Golf Committee

The Atlantic City Committee is under the general chairmanship of Dr. Walt P. Conaway, 1723 Pacific Avenue, Atlantic City, N. J., who so ably managed the 1925 Tournament at Seaview, and the 1935 Competition at the Northfield Club. He will be assisted by Drs. I. R. Beir, John Pennington, Karl Scott, Alfred Westney, and R. R. White.

#### Application for Membership

All male Fellows of the American Medical Association are eligible and cordially invited to become members of the A. M. G. A. Write the Executive Secretary, Bill Burns, 2020 Olds Tower, Lansing, Mich., for an

application blank. Participants in the A. M. G. A. Tournament are required to furnish their home club handicap, signed by the club secretary. No handicap over 30 is allowed, except in the Kickers' (Blind Bogey). Only active members of the A. M. G. A. may compete for prizes. No trophy is awarded a Fellow who is absent from the annual dinner.

#### Seaview a Magnificent Course

The twenty-third tournament of the American Medical Golfing Association at Seaview promises to be a pleasant affair. The club is one of the most elaborate in the country. The A. M. G. A. officers anticipate that some two hundred medical golfers from all parts of the United States will play in Atlantic City on June 7.

#### NEWS ITEMS

Dr. Peter L. Boyle sailed March 23rd on the S. S. Manhattan for several months' study abroad. Most of his time will be spent in Gynecology and Obstetrics at the Rotunda in Dublin. Before returning home Dr. Boyle will visit the clinics in Glasgow, Edinburgh, London, Paris, Berlin and Vienna.

Drs. I. C. Smith, Elmer Nagle, L. G. Coe and H. E. Hathorne attended the annual meeting of the Ohio State University Medical Association.

Dr. Saul J. Tamarkin attended the first annual meeting of the Association of Midwestern Radiologists at the Mayo Clinic.

Dr. John Heberding attended the annual meeting of the Association of Eastern Radiologists in New York City.

Dr. E. C. Baker demonstrated his Leica camera at the February meeting of the Cleveland Radiological Society. Drs. John Heberding and Saul J. Tamarkin also attended this meeting.

Drs. P. J. Mahar, W. D. Collier, J. L. Scarnecchia and E. H. Young

presented a symposium on "Pneumonia" at the March meeting of the staff of St. Elizabeth's Hospital. The discussion was opened by Dr. I. C. Smith who reviewed the statistics at the hospital for the past several years. Special attention was given to the value of serum treatments.

The dental staff presented the program at the February meeting of the staff of St. Elizabeth Hospital. Dr. Samuel Farkes as guest speaker presented a paper on "Paradontia in relation to the teeth and gums themselves, and in direct relation to medical care."

Drs. Gross, McNamara, Turner and their wives are enjoying a three weeks' cruise to the West Indies and South America. They will probably be back in the harness by the time you read this.

Dr. A. M. Rosenblum came back from his recent cruise to South America and was put to bed by his personal physician. He is now feeling much improved and is up and about.

Drs. Buchanan, Lowendorf, McElroy and Morrall attended the recent meeting of the American Academy of Orthopedic Surgeons in Cleveland.

#### UNITED STATES NAVY MEDICAL CORPS

##### Commissions, Internships, Postgraduate Courses

The Medical Corps of the United States Navy offers a number of internships and commissions to graduates of Class "A" medical schools. Examinations will begin on May 10, 1937, and applications should be on file at least one month prior to that date.

*Commissions*—Qualified candidates who have completed internships in civilian hospitals will be commissioned as Assistant Surgeons with the rank of Lieutenant (junior grade) and assigned to the Naval Medical School, Washington, D. C., for a postgraduate course of instruction.

*Internships*—Senior medical students who qualify for appointments to internships in Naval Hospitals will be appointed Acting Assistant Surgeons with the rank of Lieutenant (junior grade) for temporary service during the interne year, and upon satisfactory completion of internship will be allowed to appear for competitive examination for permanent appointment. Should an interne desire to return to the practice of medicine in civil life, his appointment as an Acting Assistant Surgeon will be terminated and he will be honorably discharged from the Naval Service.

*Qualifications*—Candidates must be United States citizens between the ages of 21 and 32 years at the time of appointment, and pass a physical and professional examination. The physical requirements comprise the following: Height—66 to 76 inches, inclusive; robust physique and development; weight—proportionate to age and height; hearing—normal; vision—not less than 12/20 each eye unaided by glasses and capable of correction to 20/20; color perception—normal; teeth—not less than 20 vital teeth, of which there must be 4 opposed incisors and 4 opposed molars.

*Compensation*—Officers of the rank of Lieutenant (junior grade) without dependents receive compensation of \$2,699 per year, while those with dependents receive \$3,158 per year. There are additional cash allowances.

If interested, write at once for further particulars to Bureau of Medicine and Surgery, Navy Department, Washington, D. C.

### BREETUS

The Postgraduate Day Exhibits of the Bulletin advertisers is as intriguing to us as a bargain counter is to the ladies.

We anticipate seeing:

Mead Johnson & Company's representative and their informative display.

Ralph White with his neatly arranged display of drugs. Ralph, with his genial smile, is ever a booster for the Society.

Mrs. Heberding with bottles of rich Jersey Milk and ice cream cones. There's a treat for any palate.

Bill Richards and Charles Morris of Scott Company, know their haberdashery, but we would be guilty of ideas of grandeur to expect to see

(Continued on Page 127)

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#### The (Workshop) of Our Guest Speakers for Postgraduate Day



University of Michigan Hospital.

**"Postgraduate Day" Personnel**

from

**University of Michigan**

DR. A. C. FURSTENBERG, Professor of Otolaryngology and  
Dean of the Medical School

DR. FRANK N. WILSON, Professor of Internal Medicine.

DR. FRED'K A. COLLER, Professor of Surgery.

DR. CAMERON HAIGHT, Assistant Professor of Surgery.

DR. JOHN SHELDON, Instructor in Internal Medicine.

**OFFICERS OF THE SOCIETY**

PAUL J. FUZY, M. D., President      M. H. BACHMAN, M. D., Treasurer  
WM. M. SKIPP, M. D., Vice President      ROBERT B. POLING, M. D., Secretary  
CLAUDE B. NORRIS, M. D., President-Elect

**POSTGRADUATE DAY COMMITTEE**

Dr. G. G. Nelson, Chairman      Dr. J. R. Buchanan  
Dr. H. M. Sisek      Dr. A. J. Brandt  
Dr. Morris Rosenblum

Address all communications to Dr. G. G. Nelson, 138 Lincoln Avenue,  
Youngstown, Ohio.

**Officers of the Society and Collaborating Committees**

Dr. Paul J. Fuzy, President	Dr. Morris Deitchman
Dr. Claude B. Norris, President-Elect	Dr. E. C. Baker
Dr. Wm. M. Skipp, Vice President	<b>Entertainment Committee</b>
Dr. Robert B. Poling, Secretary	Dr. W. H. Evans, Chairman
Dr. M. K. Bachman, Treasurer	Dr. F. W. McNamara
<b>Program Committee</b>	Dr. W. K. Allsop
Dr. John Noll, Chairman	Dr. S. H. Sedwitz
Dr. W. D. McElroy	Dr. R. E. Odom
Dr. C. H. Warnock	Dr. E. J. Wenas
Dr. J. N. McCann	

**Publicity Committee**

Dr. E. J. Reilly, Chairman	Dr. H. B. Kaufman
Dr. S. W. Weaver	Dr. W. C. Autenreith
Dr. W. J. Tims	

*The Tenth Annual*  
POSTGRADUATE ASSEMBLY  
*of the*  
Mahoning County Medical Society  
*Tuesday, April 20, 1937*

By a group from  
THE DEPARTMENT OF MEDICINE  
OF THE UNIVERSITY OF MICHIGAN

DR. A. C. FURSTENBERG,  
Professor of Otolaryngology and Dean of the Medical School.

DR. FRANK N. WILSON,  
Professor of Internal Medicine and Head of the  
Department of Cardiology.

DR. FREDERICK A. COLLER,  
Professor of Surgery and Chief of the Department of Surgery.

DR. CAMERON HAIGHT,  
Ass't. Professor of Surgery and Ass't. Professor of Thoracic Surgery.

DR. JOHN SHELDON,  
Instructor in Internal Medicine, and Chief of the  
Department of Allergy.

*Morning, afternoon and evening session at Hotel Ohio.*

*Dinner at Hotel Ohio.*

*Registration fee, including lunch and dinner, Five Dollars*

OUT-OF-TOWN PHYSICIANS MOST  
CORDIALLY INVITED TO ATTEND

## POSTGRADUATE DAY PROGRAM

### Morning Session—Hotel Ohio

- 9:00 a. m. Dr. John Sheldon—Skin Hypersensitiveness.
- 9:30 a. m. Dr. Frederick A. Coller—The Surgical Aspects of Gall Bladder Disease.
- 10:30 a. m. Dr. Frank N. Wilson—Cardiac Failure. Its Recognition and Management.
- 11:15 a. m. Dr. Cameron Haight—Treatment of Empyema.
- 

### Afternoon Session—Hotel Ohio

- 1:30 p. m. Dr. Frederick A. Coller—The administration of Fluids to the Sick Patient.
- 2:15 p. m. Dr. John Sheldon—A Consideration of the Diagnostic Criteria and Specific Management for Allergic Disease.
- 3:00 p. m. Dr. A. C. Furstenberg—A Clinical and Anatomical Study of Inflammatory Processes in the Mouth and Pharynx.
- 3:45 p. m. Dr. Cameron Haight—Surgical Management of Pulmonary Tuberculosis.
- 

- 6:00 p. m. DINNER—Hotel Ohio.
- 

### Evening Session—Hotel Ohio

- 8:00 p. m. Dr. Frank N. Wilson—Coronary Occlusion.
- 8:45 p. m. Dr. A. C. Furstenberg, Dean—Closing Remarks.

*All sessions of the Assembly will be held at the Hotel Ohio.*

# ATTENTION



## *Parking Stickers*

Get your Parking Sticker at Hotel Ohio Entrance, this entitles you to all day indoor parking with out and in privileges, for 50c.



## *A Special Luncheon*

will be served at noon in the main dining room of the Hotel Ohio; this is included in your Registration Fee.



## *Banquet*

will be held at Hotel Ohio instead of Youngstown Club, as previously announced.



(Continued from Page 122)

them there handing out sample neckties, etc. We will miss them.

Anton Laeri always has a neat display of pharmaceuticals. Still waters run deep.

Can you picture the exhibits without Bill Hayford and Rogers of Zemmer Co. NO! What's the room number, Bill?

Lee King had better add some extra floors to the Central Square Garage. The doctors have made it their "official parking place." We advise all our out-of-town guests to park their cars there.

C. L. Thompson can't bring his invalid coach down to display. We are wondering whether he will place the new "heir" on display—it's a boy! Congratulations, Cliff!

That last Medical-Dental Bureau ad was a "pippin." At last we are getting results. We understand that the bureau is "going to town." More power to you.

We will also see the Merrell display with Jerry Traub and Dr. Clark. Their wares are always interesting and educational. Merrell's cod liver oil concentrate tablets are still "tops" with us, Donald.

You can't keep a good man down, so keep a lookout for the Lyons Physicians Supply display. They have everything from "soup to nuts"—Fred & Frank Lyons, howdy!

And A. G. Henry should be here with the S. M. A. display. We missed you at the banquet, A. G.

Out of words—lack of space—would like to mention each one of our advertisers, however, we appreciate their coöperation and hope to see everyone of them.

We can't forget the Postgraduate and Publicity Committees, are they "doing the job up brown"?

From all reports, the attendance will break all existing records.

## REGISTER EARLY

The Postgraduate assembly is less than one month away. Reservations are coming in every day and we are looking forward to having a large crowd.

There have been some changes made in the plans. The banquet in the evening is to be held at the Ohio Hotel, because this will necessitate less moving, and also a larger crowd can be accommodated there. We will serve lunch at noon, so that the men can stay in the hotel all day and not be bothered about going out to lunch.

It is hoped that as many men as possible, especially the local men, will register and secure their tickets early, to facilitate registration of the out-of-town men as soon as they arrive.

Tickets are now available, so have your \$5.00 ready when you are approached.

Yours for a bigger and better Postgraduate Day.

THE COMMITTEE.

## HOSPITAL LIBRARY

The following volumes have been recently added to the Staff Library at the St. Elizabeth Hospital:

- Brennemann—Practice of Pediatrics (4 vol. loose leaf).
- Meakins—Practice of Medicine.
- Yeomans—Proctology.
- Jelife & White—Diseases of the Nervous System.
- Dubois—Basal Metabolism in Health and Disease.
- Stimson—Common Contagious Diseases.
- Golden—Diagnostic Roentgenology (loose leaf).
- Year Book of Medicine.
- Year Book of Surgery.
- Year Book of Obstetrics and Gynecology.
- Jackson—Diseases of Air and Food Passages of Foreign Body Origin.
- Horsley—Operative Surgery (2 vol.).
- McBride—Disability Evaluation.
- Dean Lewis—Practice of Surgery (7 vol. loose leaf).
- Ivy—Fractures of the Jaws.
- Key & Conwell—Fractures, Dislocations and Sprains.
- Taussig—Abortion, Medical and Social Aspects.

## FACULTY FOR POSTGRADUATE DAY



**DR. A. C. FURSTENBERG**

Dean of the Medical School and Professor of Otolaryngology, University of Michigan.

Member of the American Otological Society, The American Laryngological, Rhinological and Otological Society, Inc., The American Laryngological Society, The American Academy of Ophthalmology and Otolaryngology, the American College of Surgeons and the American Medical Association.

### **DR. A. C. FURSTENBERG—HE GREW UP WITH US**

Members of this Society of pre-war vintage will this month greet with pleasure an old friend whom they know, not as Dean of the Medical School and Professor of Otolaryngology of the University of Michigan, but as the young assistant who came with the first group ever to appear on our Postgraduate Day. That was away back when—when the Youngstown Hospital meant the South Side Unit and St. Elizabeth's was one-half its present size. Base Hospital 31 had never been thought of, though Europe was in turmoil. Buechner, Harry Evans and young Sherbondy were leading Surgeons, along with Whalen, Osborne and Hauser.

The men who conceived the idea of inviting the Michigan group to come for an all-day session had no idea of the precedent they were about to establish. They never dreamed how widely popular would become the institution they were about to start. Arrangements for this first Postgraduate Day were made informally. Patrick simply wrote and asked the men to come and they came. And with them came Furstenberg, Canfield's assistant, the youngest of the group.

Ward A of the Youngstown Hospital was cleared of beds and easily accommodated the less than one hundred who attended the day session. Dinner was held at the old Elks Club which stood as a sentinel across from the Rayen School at Wick Ave. and Wood St. In its place now is a yawning chasm where locomotives puff beneath the high bridge. After dinner to the Public Library, then the home grounds of the local team, to listen again to Reuben Peterson, Hugh Cabot, Van Zwalenburg, and Furstenberg.

Many changes have come to Youngstown since that momentous day. New places and new faces light the scene. And now comes a new group from Michigan headed by Furstenberg, Dean and Professor, the man who first helped to kindle our enthusiasm for postgraduate study. The program they will bring will not be one of limited appeal to one specialized group, but a clear and all inclusive picture of the modern developments in medicine, the why and how of up-to-date practice, a breath of the University brought to us for a day. We hope that they will take back with them the satisfaction of teaching an interested group, the feeling that the men in the field are keeping up with clinical progress, the knowledge that their teachings will be applied in the practices of the many physicians who are fortunate enough to hear them.

J. L. F.

*April*

**DR. FRANK N. WILSON**

Professor of Internal Medicine, University of Michigan Medical School. Graduate University of Michigan Medical School 1913.

Member: Central Society for Clinical Research, Association of American Physicians, American College of Physicians, American Society for Clinical Investigation, American Society for Experimental Pathology, American Medical Association.

**DR. FREDERICK A. COLLER**

Professor of Surgery and Director of the Department of Surgery, University of Michigan Medical School. Graduate Harvard Medical School 1912.

Fellow A. M. A., Am. College of Surgeons; member, American Surgical Association; Society of Clinical Surgery; International Surgical Association; American Association for the Study of Goiter; Southern Surgical Association; Michigan State Medical Society; Washtenaw County Medical Society; Detroit Academy of Medicine.

**DR. CAMERON HAIGHT**

Assistant Professor of Surgery, Division of Thoracic Surgery, University of Michigan.

Graduate Harvard Medical School 1926.

Member, American Association for Thoracic Surgery.

**DR. JOHN M. SHELDON**

Instructor, 1932-37, Department of Internal Medicine, University of Michigan.

Graduate University of Nebraska 1930.



## ANNUAL REPORT OF ST. ELIZABETH'S HOSPITAL

Patients admitted during year	1936	1935
Medical .....	1,331	1,186
Surgical .....	2,662	2,450
Obstetrical .....	750	602
Total Number of Patient Days		
Medical .....	19,132	17,164
Surgical .....	29,824	25,748
Average Number of Patients Per Day	162	152
Average Number of Days Occupancy Each Patient	11	10.9
Surgical Dept.		
Total Major Operations	1,226	1,158
Total Minor Operations	1,360	1,064
X-Ray Dept.		
Number of Patients Examined	4,771	3,435
Number of Films Used	6,576	6,048
Number of Fluoroscopies	688	445
Number of X-Ray Treatments	1,018	886
Emergency Dept.		
Total Number of Emergencies Treated	2,748	2,738
Physiotherapy Dept.		
Total Number of Treatments Given	3,779	3,261
Obstetrical Dept.		
Number of Patients Delivered	750	602
Number of Patient Days	6,052	4,891
Laboratory Dept.		
Number of Bacteriological & Serological Examinations	22,023	21,846
Number of Pathological Specimens Examined	1,556	1,383

### THE COUNCILLOR SPEAKS

The Annual Postgraduate Assembly has become a fixed institution in our Society. When this day was first arranged by our Program Committee, they were laughed at because their thought of bringing a group of teachers to us, rather than having us go to the teachers was too new and different to be readily understood and accepted. Since, the idea has come to be appreciated and has been copied in all sections of Ohio and a beginning has been made in several adjoining States.

There are several reasons why every medical man within traveling distance of Youngstown should attend this Postgraduate Assembly. To receive instruction from the University of Michigan Group at Ann Arbor, would require travel and expense and much more time than many of us can

afford to use in the pursuit of knowledge; however-much we may wish to retain the modern viewpoint in medicine. Therefore, this one day brings to you in twelve hours, more of the advances made in medicine and surgery than could be obtained in any other way. In other words, "the mountain comes to Mohammed."

Modern medicine marches on! These teachers come to you, bringing with them the latest thoughts and most modern advances in the diagnosis and treatment of disease. By attending this assembly you will learn the most up-to-date methods of diagnosis and treatment pertaining to the practice of the healing art and you will be enabled to render better service and will be better satisfied with yourself. This program is not for

the general practitioner nor for the specialist. It has been chosen and arranged to meet the needs of every one of us, for we all treat the ills of the human body. Come, and learn things that will benefit you and your patients.

Come, and stay the whole day! Mark your date book so that nothing will interfere. Members of the profession you have not seen since last year will be here. You can renew old friendships and make new ones besides. Good fellowship is a large part of our everyday lives; talk things over with the fellow practitioner from your adjoining county or state and he will have something good to tell you. Sit down and "break bread with him" and be both surprised and delighted with the new friend you have made. Stay for the get-together banquet,

where you will have a good time, and then remain for the after-dinner session.

Come, and view the displays that will be presented by our advertisers in the *Bulletin*. Get acquainted with the men with whom you are doing business every day. You will find they are willing at all times to be of service to you. From them you will learn many things that are worthwhile.

This is your meeting, arranged and sponsored by your own Society. It is just what you need; all under one roof, with no fuss, no worry, no running from place to place.

Come, let us attend the Tenth Annual Postgraduate Assembly of the Mahoning County Medical Society, April 20, 1937.

WM. M. SKIPP, M. D.,  
Councillor Sixth District

### SECRETARY'S REPORT

On March 10, 1937, a special business meeting was called to reconsider the question of treating cases of venereal disease. The group of patients under consideration are those who are not on relief but cannot afford to pay for medical treatment—the economic borderline cases.

The president explained in detail the problem that should be solved. A discussion followed. To climax the issue a motion was passed to reject the resolution that had been presented to the Society at a previous meeting. Having done this a motion was passed to establish a Venereal Clinic. This will be managed by the Commissioner of Health with the aid of a representative committee from the Mahoning County Medical Society.

Following the scientific meeting March 16, President, Paul Fuzy, called a business meeting to consider the adoption of the new constitution. Dr. Claude B. Norris reviewed the proposed constitution with the Society members. The necessary corrections

were made. This having been done the new constitution and by-laws with the amendments was adopted by the Society.

Following the adoption of the new constitution it was the will of the Society that each of the members of the Constitution and By-Laws Committee receive a letter of appreciation for the effort and time required to prepare it. The membership of the Society should give consideration to a group of their Fellows who are willing to bring a task of this proportion to a satisfactory conclusion. It is therefore fitting and proper that the Chairman of the Constitution Committee, Dr. Claude B. Norris, and each of the members, namely, Dr. F. W. McNamara, Dr. C. R. Clark and Dr. O. J. Walker be recognized for their efforts, skill and time. We thank them.

Dr. Wm. Skipp, Councillor for the Sixth District of Ohio, gave a report to this Society. He brought some matters of Legislation to the attention

of the membership, and made announcement of the next meeting of the Sixth Councillor District.

The movement of The Safety Institute having been explained to the Society, a motion was passed that the treasurer of this organization contribute 25 cents per member for the promotion and welfare of this institute.

At the regular scientific meeting of the Society March 16, 1937, Dr. J. Shelton Horsley spoke on "Carcinoma of the Stomach." This address was a masterly one and was well delivered. Dr. Horsley has a national reputation in the field of surgery. He is the author of many important books on surgery and a large contributor to medical and surgical literature. He made many important expressions during the course of his address. Not the least of these was that cancer is a curable disease. This has been known for some time but difficult for many to realize. The secret as stated by Dr. Horsley is to adopt treatment early in the course of the disease and to use the proper methods.

Council of the Society had a meeting March 19, 1937. The routine business was cared for in the usual manner. It was voted by council that the banquet for the Postgraduate Day be held at the Hotel Ohio. The importance of the younger members taking active part in the Society was discussed. It was suggested that committeemen work up in that phase of the organization. This creates greater efficiency in the Society management.

Members of the County Medical Society regret the untimely death of Dr. Jacob G. Brody. He has been a successful physician for many years in this community and was known for his keen intellect and delightful personality.

The Postgraduate Day Committee has made an unusual effort this year

to make a success of this year's meeting. They have been ever vigilant to find new ways to attract attention of the profession to the importance of the Postgraduate Day.

It behooves each member of the Society to give support by their attendance. Plans are completed and an excellent group of leaders in the medical profession assures Mahoning County Medical Society a profitable day. Many visiting physicians are expected to attend this meeting.

ROBERT B. POLING,  
Secretary.

### SPEAKERS' BUREAU

- March 1—Dr. J. B. Nelson, Radio, "The Fight Against Appendicitis."  
 March 3—Dr. C. A. Gustafson, Bennett School, 2 p. m., "Venereals."  
 March 8—Dr. H. E. Hathhorn, Radio, "School Health Problems."  
 March 15—Dr. Joseph Hall, Radio, "Prevention of Blindness."  
 March 17—Dr. C. A. Gustafson, Mahoning County Council Meeting, Fitch High School, 8:00 p. m., "Venereals."  
 March 22—Dr. Joseph Rosenfeld, Radio, "Hay Fever."  
 March 29—Dr. C. S. Lowendorf, Radio, "Pain in Lower Back."

The following application for associate membership to Mahoning County Medical Society was acted on favorably by Council at the last meeting:

DR. RICHARD V. CLIFFORD  
2 E. Liberty St., Girard, Ohio.

Should there be any objection to this applicant present the same in writing to the Secretary of the Society within 15 days.

## THE MEDICAL CRIER

A Page of Sidelights, News and Views in The Medical World

- Out in Chicago the doctors are getting exhibits ready for their second annual Hobby Show. Apropos of this, we would suggest that you visit the showing of Currier and Ives prints at the Butler Art Gallery and see the remarkable collection loaned by Dr. and Mrs. Curtis.
  - The Jackson County Medical Society at Kansas City, Mo., numbering 591 active members, recently passed without one dissenting vote a proposal to hire a full-time Secretary. Enough members have pledged twenty dollars each to underwrite the expenses for the first year. The Society is actively opposing a plan to establish a large central hospital and cancer clinic at Columbia, Mo. They say that such a hospital would be the first step toward State Medicine in Missouri.
  - Hospital pre-payment plans are being studied in Toledo and Pittsburgh. And our old friend Jack McGhee has a beautiful prospectus out for the Academy of Medicine of Pittsburgh outlining a plan to start a Medical-Dental Bureau modeled after the one in Youngstown.
  - On February fourth the Academy of Medicine of Toledo sponsored a Hockey Party to Detroit, requiring a special train to carry the large number who turned out for the trip. This train carried eight dining cars.
  - On Jan. 11, 1937, the Comitia Minora (Council) of the Medical Society of the County of New York adopted the following resolution: Resolved, that the Medical Society of the County of New York looks with disfavor upon the practice of some hospitals or philanthropic societies attempting to raise funds for administrative expenses by any moral coercion of members of the medical staff.
  - "The economic maladjustment in medicine makes it imperative for the man in general practice to indulge in fee splitting or else it would not be as prevalent as it is. Organized medicine will never get anywhere by condemning the practice but must offer something constructive in its place." Harold Hays, M. D., in the *New York Medical Week*.
  - The Noon Day Study Club of the Wayne County Medical Society in Detroit is a unique organization. Meeting every Tuesday at lunch time in the Medical Society Club rooms, very excellent papers and discussions are enjoyed. Ex, non and going-to-be members are cordially received, and the collected papers are published each year.
  - At a meeting of Medical Society editors in Harrisburg recently, it was brought out that a County Society Bulletin with a monthly circulation of 40 can be self-supporting. Also that a Woman's Auxiliary is a great help in selling advertising. We have a regular circulation of 350 but no auxiliary. Tough on Segal.
- Apropos of this we notice with pleasure the interest taken in activity by some of the Doctors' wives. Good material there for an auxiliary. Maybe they only need to be asked.
- Out in Chicago the Medical Society's Hobby Show goes on April 7-8. Amateur photographers, painters, sculptors, craftsmen and collectors will display their wares.
  - Did you see the collection of Currier and Ives prints owned by Dr. Stanley Curtis at the Butler Art Gallery last month? We never saw a more complete one. Ex-Editor Louis Deitchman has a rare collection of old medical books and first editions. Ed. Baker can show you some really good candid camera shots.
  - The internes in many New York City Hospitals look with dread toward their months of ambulance duty because the ambulance surgeon today

is overwhelmed with work not only answering emergency calls but acting as family physician to thousands of people who cannot afford medical aid.

• Last month the Oakland County Medical Society Bulletin (Pontiac, Mich.), published a list of members who did *not* attend meetings. Many of them were among the younger men.

This might be a good idea, so we warn you!

• Dr. J. Shelton Horsely who addressed us in March on "Cancer of the Stomach" will deliver the J. Chalmers DaCosta Oration on "Peritonitis" at the Philadelphia Post-

• In Detroit the Doctor's Glee Club and the Medical Society Symphony Orchestra will give a joint concert on April 26.

• The "Voice" of the Black Hawk County Medical Society (Waterloo, Iowa), published its last issue in March. In printing its own obituary it gave as cause of death "lack of interest" among the membership. We deeply regret the passing of a worthy Bulletin which has maintained a high standard and has been a familiar figure among our exchanges for the past graduate Institute on April 14.

### EDITORIAL

The Mahoning County Medical Society is pleased and proud to announce its tenth postgraduate day assembly for April 20, 1937. Pleased, because of the opportunity it affords its members to renew acquaintances with men from West Virginia, Western Pennsylvania and Eastern Ohio; proud of the fine record these assemblies have established in the past.

Won't you come, you men of West Virginia, Western Pennsylvania and Eastern Ohio? Many of you have become institutions in yourselves due to your long established patronage of this event. And bring with you several of the younger men of your community and introduce them to the advantages of such postgraduate work.

Of course, there are groups who never have missed attending and who will be present this year. We looked forward with great pleasure to seeing McElhancy of Greenville, Womer, Foster-Wilson and Koplan and young Popp of New Castle. Then from down at Moundville, W. Va., there is Ashworth, he always comes. And the fine and numerous group of friends and acquaintances from Pittsburgh, Wheeling, Steubenville and Wellsville always make their contribution. Even so far south as Chilli-

cothe, are several hardy souls who venture forth at the least urging. Please repeat.

Columbus should be represented. Perhaps, because it is a University Center, they may feel that it were time wasted. But we are sure we can prove it otherwise. Then around the circle, nearer home, are Ashland, Mansfield, Wooster, Canton and Akron. How those lads pour in by auto to swell the members! We are sure of the "old fellows," Weber, Banker, Zinninger and the like, but we also want the young men. Nothing survives without youth. Therein lies our immortality. So, you of the older years, load up your cars with youth and enjoy a holiday, April 20th, 1937.

The Mahoning County Medical Society has a new Constitution and By-Laws. To some of you this is news, but not to that dwindling band of hardy members who sat out the long session following Dr. Horsley's address, and saw the reading through to its last pro and con, dot and dash. And what a fine republican document it is! With its checks and balances, all designed to rest the being and authority of the Society upon the bed rock of the body of the membership.

*April*



In Memoriam  
**Jacob George Brody**

September 30th, 1880—March 21st, 1937

Quite in contrast to the manner of the proposed change in our national constitution, by executive and legislative fiat, our committee took of the time and opinion of its members and others to produce an instrument embodying the changes that seemed necessary for the proper guidance and operation of the Society, in view of changing times and conditions. While much of the old document was utilizeable, considerable change was made in the wording of certain sections and articles to clarify their meaning or to define more clearly the duties of officers.

The duties and powers of Council and the Board of Censors were made quite specific in the handling of disciplinary measures. The Council was empowered to incorporate at such time as the Society felt that its affairs could best be administered as an incorporated body.

One of the most evolutionary changes made pertains to the age old custom of the Ophthalmologists of receiving remuneration for the furnishing of glasses. The consideration of this change evoked considerable discussion, but it was included in the rules of conduct. It might have been better to have left it out for the present, trusting to the innate good sense of our ophthalmological colleagues to have brought themselves into line with current ethical practice. However, similar adjustments are being made in other communities and, no doubt, the situation will be solved here.

A copy of the constitution and by-laws will be forwarded to the Council of the State Association and, upon

approval by that body, will become operative. The Society extended a vote of thanks and appreciation to the committee.

◆◆◆

**Invitation from Mahoning County  
 Bar Association, Youngstown, O.**

Dear Doctors:

The members of the Mahoning County Bar Association are presenting a gridiron show entitled "Frolics and Colics of 1937" to be presented at Hotel Ohio on Saturday evening, April 17, which will be preceded by dinner at 7:00 P. M. This entertainment is similar to the gridiron presented two years ago.

The show this year was written by Joseph N. Higley, Jr., and is being directed by Clyde W. Osborne. The Medical-Dental Bureau Ensemble will render musical numbers during dinner and also furnish the accompaniment for the singing numbers in the show.

You, as a member of the Mahoning County Medical Association and Corydon Palmer Dental Society, are cordially invited to attend and are assured in advance of an enjoyable evening.

Reservations *must* be in the hands of the committee not later than Monday, April 12. For reservations, call:

Edward F. Welsh, Jr., Mahoning Bank Bldg., Phone 43821, or

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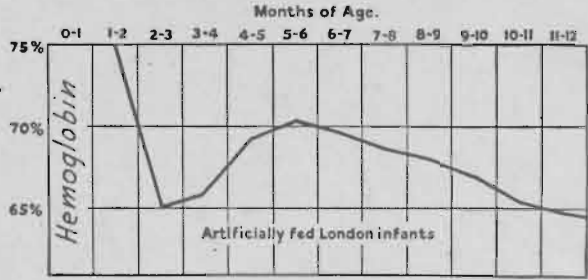
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# Nutritional Anemia in Infants

The accompanying chart of the hemoglobin level in the blood of infants is based on more than 1,000 clinical cases studied by Mackay. The sharp drop in hemoglobin during the early months of life has also been reported by a number of other authorities. It is noteworthy that this fall in hemoglobin has been found to parallel closely that of diminishing iron reserve in the infant's liver.

The usual milk formula of infants in early life further contributes to this anemia because milk is notably low in iron. It is now possible, however, to increase significantly the iron intake of bottle-fed infants from birth by feeding Dextrin-Maltose With Vitamin B in the milk formula. After the third month Pablum as the first solid food offers substantial amounts of iron for both breast- and bottle-fed babies.



## Reasons for Early Pablum Feedings

1. The iron stored in the infant's liver at birth is rapidly depleted during the first months of life. (Mackay,<sup>1</sup> Elvehjem.<sup>2</sup>)
2. During this period the infant's diet contains very little iron—1.44 mg. per day from the average bottle formulae of 20 ounces, or possibly 1.7 mg. per day from 28 ounces of breast milk. (Holt.<sup>3</sup>)

For these reasons, and also because of the low hemoglobin values so frequent among pregnant and nursing mothers (Coons,<sup>4</sup> Galloway<sup>5</sup>), the pediatric trend is constantly toward the addition of iron-containing foods at an earlier age, as early as the third or fourth month. (Blatt,<sup>6</sup> Glazier,<sup>7</sup> Lynch<sup>8</sup>).

## The Choice of the Iron-Containing Food

1. Many foods reputed to be high in iron actually add very few milligrams to the diet because much of the iron is lost in cooking or because the amount fed is necessarily small or because the food has a high percentage of water. Strained spinach, for instance, contains only 1 to 1.4 mg. of iron per 100 gm. (Bridges.<sup>9</sup>)
2. To be effective, food iron should be in soluble form. Some foods fairly high in total iron are low in soluble iron. (Summerfeldt.<sup>10</sup>)
3. Pablum is high both in total iron (30 mg. per 100 gm.) and soluble iron (7.8 mg. per 100 gm.) and can be fed in significant amounts without digestive upsets as early as the third month, before the initial store of iron in the liver is depleted. Pablum also forms an iron-valuable addition to the diet of pregnant and nursing mothers.

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