



# BULLETIN

of the  
MAHONING  
COUNTY  
MEDICAL  
SOCIETY

DECEMBER • 1954  
Vol. XXIV • No. 12

# Fellows

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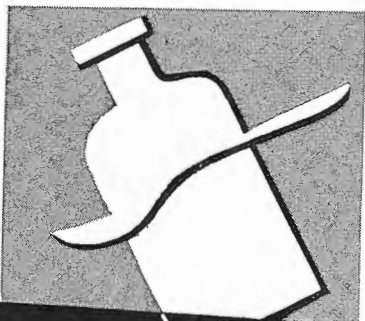
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Pyridoxine (B6)	0.056	mg.
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plus other factors of the B-Complex present in Whole Liver.

BASE: Liver and Yeast.  
SUPPLIED: in 50's and 1000's.

1. Jolliffe, N., Special Article, Council on Foods and Nutrition: The Preventive and Therapeutic Use of Vitamins, J.A.M.A., 129:618, Oct. 27, 1945.
2. Lewey and Shay, Dietotherapy, Philadelphia, W. B. Saunders Co., 1945, p. 850.

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## *Our President Speaks*

As this last issue of the *Bulletin* brings to a close another year, it affords me the opportunity to express my sincere appreciation and thanks to the members of council, each committee chairman and his committee members for their work.

It seems to me that special commendation should be given to the editor of the *Bulletin* and his staff for the compiling for us, month by month, the current activities in the medical field and pertinent news of our membership.

Surely our thanks should go to our executive secretary for the faithful and capable attention to the many details that must be carried out daily to make the organization run smoothly.

To the members of the Society I wish to express my thanks for their support during the past year. In retrospect we realize there have been many shortcomings in this administration and we humbly acknowledge that our successes have been due to each of you accepting and fulfilling the obligations assigned you.

Daily the importance of public relations is brought to our attention. The chairmen and committee that have worked for the last couple years is to be commended for the fine effort that has enabled our Society to bring to the people many subjects that pertain to medicine through the media of radio, television and the press.

However, not discounting the above, it seems to me that the most important public relations are between the individual doctor and his patient. It is of the utmost importance that we continue the high standard of medical service to the people of the Mahoning Valley.

May we extend to the incoming President and his entire staff our sincere wishes for a most successful regime in the year to come.

To each member of the Society I wish a Merry Christmas and a very prosperous New Year.

*James D. Brown, M.D.*  
*President*

**BULLETIN** of the Mahoning County Medical Society

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The opinions and conclusions expressed herein do not necessarily represent the views of the Editorial Staff or the official views of the Mahoning County Medical Society.

**VOLUME 24****DECEMBER, 1954****NUMBER 12**

Published for and by the Members of the Mahoning County Medical Society

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2921 Glenwood Ave.

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D. H. Levy

**EDITORIAL**

If each member of the Society were to edit the *Bulletin* there would be 250 different formats and setups. Each editor would and should have firm convictions as to what should go into a County Bulletin. So it has been with the last twelve editions.

It is felt that the *Bulletin* should chronicle all events professional and social pertaining to the Society and each individual member. Since one picture is more useful than many words a pictorial review has been used when appropriate.

The *Bulletin* must expand and elaborate at the local level all national and state issues which concern the multitudinous problems confronting the profession.

This publication must seek to improve the relationship between the medical profession and other professional and labor organizations. A good and proper relationship must be maintained with the press, radio and television stations. This is done by presenting the mutual problems and the possible solutions.

The *Bulletin* should be the source through which the various members would express their opinions concerning the many controversial issues before the profession. This opportunity the members of our Society fail to utilize.



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Each county bulletin should contain original scientific articles written by the local members. Many attempts have been made to encourage such writing but very few members have contributed.

Last but far from least the *Bulletin* must strive to improve attendance to all county meetings whether scientific or social. This has been attempted by early and appropriate advertisement of these events.

—○—

It is suggested and recommended to the new administration of the *Bulletin* that the editorial staff consist of the editor-in-chief and the associate editor. The latter will be nominated by the President-elect. The associate editor will then work actively with the editor so that when he assumes the editorship he will have had adequate experience. This would obviate the editorship being a trying one-man job. The retiring editor could be designated the advisory editor. All this would make for better continuity, and cooperation in the preparation of the *Bulletin*. The remaining editorial staff should be made up of those members who have contributed so much in the past and of those who express a desire to contribute in the future.

—○—

The Trudeau Sanatorium has closed its doors because of a lack of patients. This will happen eventually to other TB hospitals. This situation may help solve the geriatric problem. Why not convert these TB hospitals to geriatric hospitals. In this way a more positive and definitive therapeutic regime could be instituted for the sick aged patient.

—○—

Very frequently for diagnostic purposes it is necessary to know what surgical procedure and what tissue was removed at the time the patient was operated. It behooves all surgical consultants, for the welfare of the patient, to send a copy of the operative and pathological reports to the referring physician. Why wouldn't it be a good idea for the surgeon to give the patient a very short condensed report of what was done? Then this information would be available whether the patient was in Paducah or London, England.

—○—

To each and everyone who has helped in preparing the 1954 *Bulletin* my deep heartfelt gratitude.

Andrew A. Detesco, M.D.

—◆—

We are no more moral than similar groups of men, but we do have one of the most necessary and most useful functions in society; without impeccable integrity we would be unable to perform our function. In other words we uphold our ethics because we must. It is all we have; without it we would be nothing. We would knock ourselves off our pedestal and fall back into the mire from which Hippocrates rescued us 2,000 years ago.

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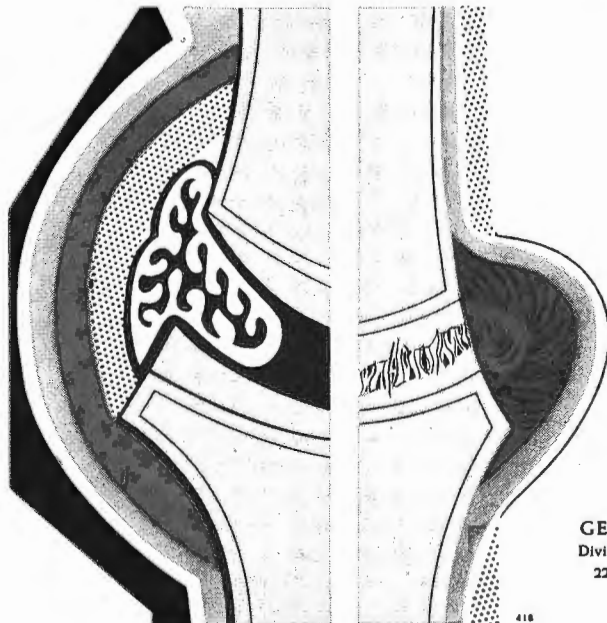
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**KEEPING UP WITH A.M.A.***By Wm. M. Skipp, M.D.***Defense Department Intern Program Deadline Passed**

October 10, 1954, was the date when all non-service interns should have sent to the Pentagon their "Statement of Service Preference." As of next July 1, 1955, the Doctor Draft Law will expire.

They should have given preference for type of service: 1, 2, or 3; whether they desire further deferment, and the type of 1st and 2nd choice hospitals. The Department will turn over to the Services those desiring Reserve Commissions. The number of returns to be deferred will be decided by lot. The plan is to allow these non-veteran interns — who have a two-year service obligation under the regular draft — to go on active duty at a time convenient to them following the completion of their internship next spring. Already the Defense Department has enough information to know that about half the interns will request residency deferments — and that no more than half of these requests can be granted.

**MRS. OVETA CULP HOBBY, Secretary H.E.W. Threatens**

She is bidding for industrial support. She says if reinsurance is rejected again something more drastic may be enacted. The American people are going to have protection against health risks, and it is her duty to give them reinsurance on voluntary health insurance. "I cannot state to you too strongly my belief that time is running against those who seek to keep health insurance on a voluntary basis."

She also says: "It is apparent that the American people are going to have protection against health risks." This people can buy on a voluntary basis, but she sounds like the old socialized medicine gang that the government must be in the show.

**MR. NEIL McELROY, President, Procter and Gamble Co.**

"Medical Schools demand highest priority. As teaching centers they are at the heart of the medical sciences, as they are an indispensable source of medical research and progress. The lives of our fellow men cannot be placed in the hands of incompetent doctors. And we must never permit medicine to become a government commodity."

---

Some people carve out a career; others find chiseling easier.

—○—

The man who rows a boat doesn't have time to rock it.

—○—

Promise yourself—to give so much time to the improvement of yourself that you have no time to criticize others. — *Christian D. Larson.*

—○—

*A merry heart doeth good like a medicine. — Proverbs 17:22.*

—○—

Luck sometimes visits a fool but never sits down with him.

—○—

Broadmindedness is highmindedness flattened by experience.

*for sedation*

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## COMMITTEE REPORTS

## REPORT OF THE MENTAL HEALTH COMMITTEE

There was no official meeting of the committee as such. However, the chairman was able to actively participate as a member of the Mahoning County Mental Health Organization.

It is gratifying to report that the problem of mental health is stimulating the interest of more and more non-medical groups in this community. In addition, the extension of its potential value into all vital areas of community functioning is receiving increasing recognition.

Therefore, it is the personal opinion of the chairman that the Mahoning County Medical Society, by official expression of positive attitudes, can strengthen a more constructive relationship between the Mahoning County Mental Health workers and the desirous goals for mutual achievement within the community.

*Leon L. Bernstein, M.D.*

*Chairman*



## RURAL HEALTH COMMITTEE



The Committee on Rural Health of the Mahoning County Medical Society held its annual meeting in the offices of Dr. Charles Scofield on October 21st, 1954.

Dr. Scofield reported that routine matters such as school immunizations, inspection of restaurants and food handlers, and rabies control were proceeding satisfactorily. All food handlers are required to have annual X-ray examinations of their lungs. The rabies control program was cited for its effectiveness in reducing the number of Pasteur treatments to a very small fraction of those formerly administered.

The annual pre-school physical examinations done in cooperation with local physicians was commended as a program designed to reach large numbers of children who would otherwise probably have no physical examination before entrance into school.

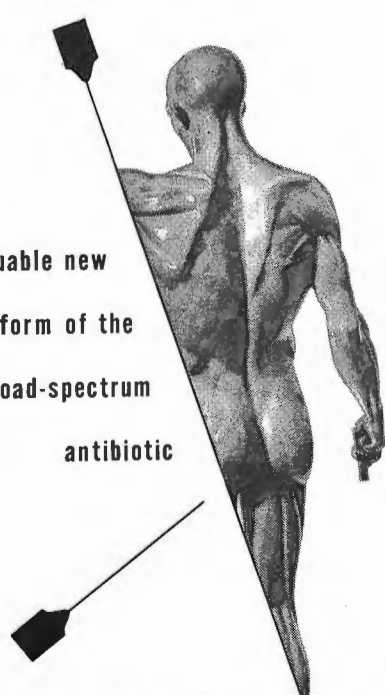
Two problems of increasing concern were water supply and sewage disposal. In general the situation is satisfactory except in some rural areas that are rapidly growing in population. This problem has concerned every health commissioner for the past several years, and its solution must be a continuing one.

Infectious hepatitis is a reportable disease and may become a public health problem when poor sewage disposal occurs in congested districts.

Respectfully submitted,

*H. P. McGregor, M.D.*

*Chairman*



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DECEMBER

## REPORT OF TAX COMMITTEE

The Tax Committee of the Mahoning County Medical Society was brought into existence by the sudden change in the policies of the auditing department of the local Internal Revenue Office. This has resulted in the members of this society receiving discriminatory treatment. Any dealings we had had with this department previously had been considered fair with but one exception.

Since the first part of 1954 the allowable business expenses of the physicians of this society have been drastically cut. The items included are, automobiles, phone, professional society dues, convention expense, and business entertainment. The auditing department has even requested a daily log of the auto used for business. Just why we of Mahoning County have been singled out for this exceptional treatment has not been explained. Efforts are being made to get our local members the same treatment that is given elsewhere. Further work will have to be done to obtain relief from our local problem.

*Raymond A. Hall, M.D.*

---

## COMMITTEE FOR THE HARD OF HEARING

The majority of work for the hard of hearing has been carried on by the Hearing Society in cooperation with the Speech and Hearing Department of the Board of Education. This work has been going on without any special effort on our part, however, many of us are members of the board of the Hearing Society. The Hearing Society in conjunction with the Mahoning County Board of Health has conducted hearing tests at the Canfield Fair as in past years.

The Youngstown Hearing Society gives the following figures for public hearing tests. For National Hearing Week, 552 people were tested. In September at Mahoning County Fair 1146 received tests, of the total 565, or about 32½% were referred to Otologists.

Hearing evaluations made at the Society's Hearing and Speech Center since January 1 include both air and bone conduction pure tone tests for each individual, with speech reception and speech evaluation tests as indicated. These total 295, with 65 otological referrals.

School departments, also, show significant increases in children screen tested, as reported for the year ending in June:

Campbell	631
Struthers	560
Youngstown	3,757
Mahoning County	5,200
Parochial (Youngstown)	3,979

All schools reporting use pure tone screening tests, followed by threshold tests of the children falling below screening level of 15 decibels. Figures have not been compiled on referrals to otologists, which are made when the threshold tests reveal impairment of hearing of two or more tones.

Miss M. Vetterle, who directs the work of the Youngstown Hearing Center, is to be congratulated on this fine work. I feel sure this work will be carried on even better in the future.

*Raymond A. Hall, M.D.*

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## COMMITTEE FOR REDUCTION OF MEETINGS

This report covers possibilities rather than actualities. At the meeting of the committee the various meetings required were all discussed. Those required to meet monthly were specialties such as surgery, medicine, obstetrics and gynecology, orthopedic, proctology genito-urinary services and C. P. C. The pediatrics service has two meetings monthly. An effort is being made at the present to reduce the number of staff meetings to four yearly at the Youngstown Hospital. At present there is no constructive progress to be reported. St. Elizabeth's Hospital is investigating to determine if the same procedure may be adopted there.



The practice of combining the County Medical Association meetings has been alternated with the union of the Youngstown Heart Association, the Academy of General Practice and sometimes with that of the County Tuberculosis Association. It is possible to make the reductions in the staff meetings provided the sectional meetings are continued for each speciality on a monthly basis, combined with a change in the constitution of the hospital staffs as they now operate.

We offer this proposition with the alternatives; reduce the Mahoning County Medical Society meetings to six each year. This may be divided into four scientific meetings and two social or three scientific and three social meetings. These would be combined with the other groups as it has been the practice in the past. These meetings would also include the yearly business meeting, banquet, and regular county golf meet and picnic. This seems to be about as near utopia as we may attain because of the requirements for regular meetings demanded by the A.M.A.

*J. Clair Vance, M.D.*

## SECRETARY'S REPORT

The Mahoning County Medical Society, at the end of the fiscal year, 1954, has 250 Active members. During the year there were 7 Jr. Active, 1 Associate and 6 Interne members accepted.

Council held the regular monthly meetings during the year which were all well attended.

We regret having lost by death during the year the following: Dr. Jos. P. Keogh, Dr. Harmon E. Blott and Dr. C. F. Yauman.

*G. E. DeCicco, M.D.*  
*Secretary*

## TREASURER'S REPORT

There will be inserted in the January issue of the Bulletin a copy of the financial report as submitted by our auditor at the end of our fiscal year, November 30, 1954.

I believe no further explanation of the Society's finances will be necessary.

*A. K. Phillips, M.D.*  
*Treasurer*

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### INDIGENT RELIEF COMMITTEE



The activities of the Committee on Indigent Relief were very limited during this past year. Problems which would merit discussion between the medical group and the administrative group did not arise at all. This fact, of course, is not an indication that the problems were not there. It is the belief of the chairman of this committee that the average doctor has developed a defeatist attitude regarding his services toward relief cases. It is also the opinion of the chairman of this committee that the administrative staff is not flexible enough in their decisions to meet the doctor halfway. Having run into these iron-clad rules several times, the average doctor makes no more attempts to question the administrative

staff's rules and regulations, and consequently may lose interest in a very vital phase of medical practice.

*John R. LaManna, M.D.*

### CANFIELD FAIR

The Mahoning County Medical Society again sponsored the Health Exhibit at the Canfield Fair September 2-6. A large majority of the Fair visitors strolled through the 120 foot tent and showed great interest in the exhibits and many favorable comments were passed.

Eighteen organizations participated most energetically and I feel that our Society owes each of them a hearty thanks for their cooperative and obliging efforts.

I would like to take this opportunity to express our appreciation to Attorney Ed Zieger, Miss Williams and the entire fair board for their gracious assistance. Also Esther Hamilton of the Vindicator, and Radio Stations WFMJ, WBBW, and WKBN for their excellent publicity. Doctors McGregor and Miglets were most helpful as were any other committee members called upon for assistance. Our executive Secretary Mrs. Herald was most helpful and without her assistance this project would be much more difficult and time consuming I'm sure.

A complete report of this activity is being written for our files concerning the organization of this undertaking, bringing to attention suggestions that are gained through experience so that the entire event may be handled by future committees with a minimum of difficulty.

It was a pleasure to serve in this capacity and may I express my personal thanks for the excellent cooperation received from all participants.

*C. W. Stertzbach, M.D.*

### REPORT HOSPITAL RELATIONS COMMITTEE

There was no occasion for a meeting of the Hospital Relations Committee during the current year. The relationship between the local hospitals and members of the County Medical Society is apparently at a highly satisfactory level.

Very truly yours,

*Francis W. McNamara, M.D.*

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## LAY EDUCATION AND PUBLIC RELATIONS COMMITTEES

It was decided in the early part of last year to combine the activities of the Lay Education and the Public Relations committees with Dr. L. S. Shensa and Dr. Edw. A. Shorten as Co-Chairmen, as the purpose of both committees is essentially the same, namely, to bring to the public a variety of medical topics, via newspapers, radio and television, thereby promoting a better understanding of public health problems and safety, and at the same time a better and closer acquaintance with the doctors of Mahoning County Medical Society.

A newspaper column of questions and answers was attempted for a short time but was not received too enthusiastically by the general public.

Then under the auspices of the Woman's Auxiliary to the Mahoning County Medical Society and cooperation of the doctors of the Mahoning County Medical Society, a half-hour television program carried by WFJM-TV once a month on Sunday at 2:00-2:30 P. M. was begun. There has been some very favorable comment by the public on these programs and they are to be further publicized and carried out for the remainder of the year.

Another television program over WKBN-TV is scheduled every Wednesday at 12:00 noon when Stu Wilson interviews a doctor of the Mahoning County Medical Society for about 10 to 12 minutes on a variety of medical topics. This program is to be carried out the remainder of the year. Many doctors will be given an opportunity to participate in both programs.

A great deal of credit is due Mrs. David Brody, chairman of her committee for the Woman's Auxiliary to the Mahoning County Medical Society, for her invaluable assistance in initiating the monthly television program and also for her acting as moderator.



L. S. SHENSA  
Co-Chairman

L. S. Shensa  
E. A. Shorten

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## BLOOD BANK COMMITTEE

The Mahoning County Medical Society Blood Bank Committee has been very active in completing arrangements with the CIO and AF of L for a blood bank program. Following up the recommendations of February 4, 1954, to the council of the Mahoning County Medical Society, representatives of the committee have met with representatives of labor and the blood banks a total of sixteen times. The results of these labors cannot be released as yet due to agreements with the CIO and AF of L.

It can be stated, however, that sometime early in the year the program will go into effect. Prior to initiating the project there will be full publicity as well as a detailed report in the *Bulletin*.

R. A. Brown, M.D.

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He who goes with wolves learns to howl. — Spanish proverb.



## MENTENS

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### CIVIL DEFENSE COMMITTEE

A meeting of the Civil Defense Committee was held November 1, 1954. The reorganization plans of the medical services, as proposed by the Area Civil Defense Agency were discussed. Dr. Patrick Cestone and Dr. Frank Inui have accepted the assignment as Deputy Chiefs of Medical and Health Services to assist in establishing a working medical civil defense organization.

*F. L. Schellhase, M.D.*



### CANCER COMMITTEE

The major project undertaken this year was the annual Cancer Day program of the Mahoning County Medical Society.

During the past two years out of town guest speakers have been secured to emphasize the newer aspects of cancer research. This year the meeting on October 19th was devoted to a review of new techniques of cancer control in our Youngstown hospitals. Doctors Rappaport, Scheetz and Quinn discussed various aspects of the cancer problem in their presentations. Perhaps this meeting may serve as a basis for future yearly discussions of the local cancer problems.

### HAVE YOU HEARD . . . . .

. . . . . that Doctors Louis Bloomberg, Patrick B. Cestone and Raymond S. Lupse were installed as Fellows of the American College of Surgeons at the 40th Annual Convocation at Atlantic City on Friday, November the 11th, 1954? Present at the week-long annual meeting of the A.C.S. also were Doctors Donald Bernat, Edward Massullo, Stephen Ondash, Joseph B. Kupec, Thomas Ferguson and Alfred Magness.

. . . . . that Doctors Gene D. Fry, F. G. Kravec, Ivan C. Smith and Robert L. Tornello attended the Clinical Sessions of the American Medical Association held in Miami, Florida from November 28th to December 3rd, 1954?

. . . . . that Dr. L. S. Shensa and Dr. B. I. Firestone attended a post graduate course in Internal Medicine given by the American College of Physicians at Boston, Mass.

Ill health of body or of mind is defeat—health alone is a victory. Let all men, if they can manage it, contrive to be healthy! — *Sir Walter Scott.*

**Merry Christmas**  
 And A  
**Happy New Year**

We take this opportunity of extending to the members of the Mahoning County Medical Society our Season's Greetings and Best Wishes for a Happy and Prosperous Year in 1955.

Fred W. Lyons, Pres.

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## PROCEEDINGS OF COUNCIL

The regular monthly meeting of the Council of the Mahoning County Medical Society was held at the office of Dr. M. W. Neidus, 382 Fifth Ave., Youngstown, Ohio, on Monday, November 8, 1954. The following doctors were present: J. D. Brown, president, presiding; C. A. Gustafson, E. J. Wenas, W. M. Skipp, V. L. Goodwin, A. K. Phillips, E. R. McNeal, A. Randell, I. C. Smith and G. E. DeCicco. Meeting was called to order at 9:20 P.M.

The following applications were read:

### Active Membership

Louise Kerschbaumer, Woodside Receiving Hospital, Youngstown  
 J. N. Thanos, 4 Robinson Rd., Campbell  
 R. L. Jenkins, Home Savings and Loan Building, Youngstown  
 F. K. Inui, 306 Home Savings and Loan Building, Youngstown

### Jr. Active Membership

W. L. Agey, 6960 Market St., Youngstown  
 S. F. Gaylord, 318 Fifth Ave., Youngstown  
 A. W. Geordan, 319 Home Savings and Loan Building, Youngstown  
 S. J. Thompson, St. Elizabeth's Hospital, Youngstown  
 Emmeleine E. Ferguson, Youngstown Hospital, Youngstown  
 Raymond S. Boniface, St. Elizabeth Hospital, Youngstown  
 Paul J. Fuzy, Jr., 510 Gypsy Lane

### Interne Membership

Thomas A. Ferguson, Youngstown Hospital, Youngstown

If no objection is filed with the Secretary in writing within fifteen days the above applicants become members of the Society.

Council approved the appointment of Dr. F. J. Coombs, to succeed the late Dr. J. P. Keogh to serve on the Advisory Board of the Mahoning Tuberculosis Sanatorium.

G. E. DeCicco, M.D.  
 Secretary

We cannot control the evil tongues of others, but a good life enables us to despise them. — Cato.

—○—

What stubbing, plowing, digging, and harrowing is to the land, that thinking, reflecting, examining is to the mind. — George Berkeley.

—○—

When you help someone up a hill, you are a little nearer the top yourself.

—○—

If you want work done well, select a busy man . . . the other kind has no time. — Elbert Hubbard.

—○—

"Power does not lie in striking hard or often, but in striking true." — Balzac.

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**FROM THE BULLETIN****TWENTY YEARS AGO — DECEMBER, 1934**

There were two scientific meetings that month. One was addressed by a comparatively unknown young surgeon named Richard Cattell, sent to pinch-hit by Dr. Frank Lahey who was unable to come. Dr. Cattell electrified his audience by his learned exposition of "Cancer Of The Rectum" and a promising future was forecast for "this brilliant young man." The prophecy came true as he is now the chief surgeon of the Lahey Clinic and famous for his operation on Sir Anthony Eden, the British foreign minister.

The second was a joint meeting with the Corydon Palmer Dental Society, addressed by the famous Dr. Weston A. Price of Cleveland. Dr. Price had spent years traveling all over the world studying the teeth in relation to the diet of civilized and aboriginal peoples. He found the percentage of tooth decay and cavitation much higher in groups who ate refined and prepared foods as compared with those who lived on natural foods. He indicted chiefly sugar and white flour as a cause of tooth decay. Dr. Price's lively interest in his subject and his sprightly delivery made a very interesting evening.

The treasurer reported a surplus of \$177.21 of income over expenses for the year, and \$7,038.63 in the permanent fund. Not bad for a depression year. According to the committee reports these things were accomplished in 1934: 1. A workable plan for handling the care of the indigent sick was put in operation. 2. The Medical-Dental Bureau was inaugurated. 3. The Committee of Allied Professions was formed. 4. A Post-Graduate course on Physiology was conducted by Dr. Carl Wiggers. 5. A Post-Graduate Day was held with a group from McGill University. 6. The Public Health Committee conducted a campaign on immunization for children.

Excerpt from a committee report: "The Public Relations Committee reports the year 1934 a complete failure."

New members of the Society were Dr. Morris Rosenblum and Dr. Walter Tims.

**TEN YEARS AGO — DECEMBER, 1944**

No committee reports in this issue, maybe they will appear next month. The annual election was announced and members were urged to turn out and vote. George McKelvey was Secretary, Saul Tamarkin was Treasurer. Delegates were John McCann, James Birch, P. J. McOwen and E. J. Wenas. President-Elect W. H. Bunn was calling for volunteers to serve on committees. Elmer Nagel was retiring as President and very glad to, after serving two terms.

The Bulletin was being sent to every member in the armed forces and being received by most of them months later. They were cheered by reading in the news notes that seven of their colleagues and their wives were spending vacations in New York and Atlantic City, two were taking post-graduate courses and two had gone South for the winter. Sweating it out at Noumea or Leyte with only a picture of the wife and kids on the desk in the sick bay and an October number of Medical Economics for comfort, the homesick medical officer thought to himself "Wait until I get back there, if I get back."

There was only one letter "From Our Doctors In The Service." It had very little of interest in it. I know, because I wrote it.

J. L. F.

---



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## MEDICOLEGAL ASPECTS OF BLOOD TESTS FOR PATERNITY

In 1929, a Court of Appeals in Ohio (*Schneider v. State ex rel. Shorf* 168 N.E. 568) held that a bastardy proceeding is a quasi criminal proceeding, but is so far civil that it is not necessary to furnish proof beyond reasonable doubt; preponderance of evidence being sufficient.

The law thus made it very difficult for an accused man to defend himself. Science offers a complete, decisive defense. A blood test exclusion, therefore, expertly and conscientiously carried out, should not be nullified by the court.

The chances of proving nonpaternity must vary with the group of the individual and to a certain extent with group distribution in the population. When all four agglutinogens, A, B, M, N, are used, probably one out of three falsely accused men can be exonerated. It is possible to establish nonpaternity in a smaller percentage of cases from examination of man and child without the mother.

In the light of present knowledge it would seem advisable not to exclude parentage on the basis of rh'' - hr'' relationship unless the Rh<sup>0</sup> factor is absent. The possibility of exceptions (none yet reported) to the rh' - hr' reciprocal relationship must not be overlooked, and exclusion of parentage based on this relationship should be given with slight qualification.

A lower court decision in Ohio in 1936 (*State ex rel. Verda Van Camp v. Carey Welling* 6 - O.O. - 371), held that granting of an order by trial court in a bastardy proceeding, requiring plaintiff and her child to submit to a blood test for the purpose of determining the parentage of the child is within the inherent power of the court in its sound-discretion, and where execution of the order is properly safeguarded it does not amount to an arbitrary or unnecessary exercise of power.

The Revised Code of Ohio, Section 2317.47 Blood tests by court order, provides:

"Whenever it is relevant in a civil or criminal action or proceeding to determine the paternity or identity of any person, the trial court on motion shall order any party to the action and any person involved in the controversy or proceeding to submit to one or more blood-grouping tests, to be made by qualified physicians or other qualified persons not to exceed three, to be selected by the court and under such restrictions or directions as the court or judge deems proper. In cases where exclusion is established, the results of the tests together with the findings of the experts of the fact of nonpaternity are receivable in evidence. Such experts shall be subject to cross-examination by both parties after the court has caused them to disclose their findings to the court or to the court and jury. Whenever the court orders such blood-grouping tests to be taken and one of the parties refuses to submit to such test, such fact shall be disclosed upon the trial unless good cause is shown to the contrary. The court shall determine how and by whom the costs of such examination shall be paid."

A Court of Appeals in Ohio held that where a man is accused by an unmarried female of being the father of her unborn child and after the birth of the child an expert whose qualifications are not questioned makes a blood test of the blood of the mother, of the child, and of the alleged father, the result of such test is competent evidence and may be introduced for whatever weight it may have to prove the nonpaternity of the alleged father (*The State of Ohio v. Wright* 59 - O.A. - 191). Another Court of Appeals in Ohio decided in 1939 that in bastardy proceeding, trial court did not err in refusing to admit, as conclusive, but only for what weight it might have, testimony of expert

# ANNUAL BUSINESS MEETING

Elks Club

Tuesday Evening, 8:30, December 21, 1954

## ELECTION OF OFFICERS

President-Elect

Secretary

Treasurer

Delegate (Three year term)

Three Alternate Delegates

Representative to the Associated Hospitals

A free buffet supper will be served following the Election

Also — at 8:00 P. M.

## Annual Meeting — Medical Service Foundation

This meeting will be held in conjunction with the annual meeting of the Mahoning County Medical Society. IT WILL START AT 8:00 P. M., just prior to the regular Society meeting. There will be election of Trustees, approval of the reports of the Treasurer and Secretary and such other business as may properly come before the meeting.

EVERY MEMBER OF THE COUNTY MEDICAL SOCIETY IS A MEMBER OF THE MEDICAL SERVICE FOUNDATION. ATTEND AND PARTICIPATE IN THE CONDUCT OF ITS BUSINESS.

# JANUARY MEETING ANNUAL BANQUET

Thursday, January 20, 1955

Youngstown Country Club

Installation of Dr. Ivan C. Smith as President

Speaker: **Dr. William L. Boyd**  
Professor, Pathology and Bacteriology  
Toronto, Canada

witness who made a Landsteiner-Bernstein blood group testing of the blood of the mother and child and the reputed father, that the test showed that the reputed father could not be the father of the child (State ex. rel. Slovak vs. Holod 24 N.E. 2nd - 962). An Ohio lower court decision in 1941 held that where an application is filed for modification of an order fixing the amount of monthly payments for the support of a minor child, defendant's motion asking that a blood grouping test be made, in order to determine the paternity of the child . . . . ., will be overruled, the defendant having been found guilty in a previous bastardy action (State of Ohio v. Raymond Mercer 21-0.0.-317).

More recent Supreme Court decisions in Ohio hold that in bastardy proceeding instituted by unmarried woman whose child was conceived during existence of a prior marital relation, plaintiff, to establish nonpaternity of former husband, could call qualified expert to testify that findings and result of standard and recognized blood-grouping tests made by him from blood of plaintiff, child, and former husband, excluded former husband as father of child. The findings and result of a standard and recognized blood-grouping test admitted in evidence in bastardy proceedings are not conclusive of non-paternity, but may be considered for whatever weight they may have in proving that fact (State ex rel. Walker v. Clark 58 - N.E. 2nd - 773); that where blood-grouping tests may be required to determine whether a party or any person involved can be excluded as being the father of a child and law authorizes the admission of such evidence only where results of test establish non-paternity; the results of such blood-grouping tests, where a mere possibility of parentage is thereby disclosed, are not competent, and their admission is prejudicial (State ex rel. v. Morris 156 - O.S. - 333); and, that in a prosecution for non-support of a minor child the defendant is entitled to demand a blood-grouping test (State v. Snyder 157 - O.S. - 15).

In a very interesting decision an Ohio lower court held in 1938 that where blood tests, made in a proceeding upon a complaint in bastardy, showed conclusively that the defendant could not be the father of complainant's child, a verdict finding the defendant guilty would be against the weight of the evidence. Blood grouping tests can determine the non-paternity of a child as a scientific fact, and the results of such tests are admissible in evidence (State of Ohio v. Harold Wright 11 - O.O. - 182).

There is universal acceptance of the immutation of a person's blood type. The value of blood grouping in the solution of medicolegal problems has been firmly established. Blood group testing in all paternity actions is necessary.

*Sidney Franklin, M.D., LL.B.*

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## C-REACTIVE PROTEIN IN ACUTE RHEUMATIC FEVER

The etiology of rheumatic fever is not specifically established, and it may be that a specific diagnostic test and a specific treatment must await this information. In recent months, however, a known immunological procedure has been re-studied, which, though non-specific, has a certain use in the diagnosis of the acute phase of rheumatic fever.

The relationship between human inflammatory disease and the C-reactive protein is old information; what is new is the observation that this protein is constantly present in the sera of patients with clinical rheumatic fever, a constancy that has not been demonstrated in other inflammatory illnesses and other collagen diseases.

The known immune response that is the basis of this test is the flocculation of acute inflammatory disease serum by the somatic C-polysaccharide of the pneumococcus. The specific fraction of the serum which reacts is the C-reactive protein. A few facts are known about its properties: it is an alpha globulin; it can be separated with the lipid fraction of the plasma; it can be purified and crystallized; it is serologically distinct from other serum proteins. From this pure human protein an antiserum can be made by rabbit passage, and this anti-serum will give a clear semi-quantitative precipitate when mixed with sera from patients having acute rheumatic fever diagnosable clinically.

The clinical usefulness of this procedure is apparent in the statement that the positive test parallels clinical activity and nothing more. What is wanted, and badly, is some measurement of sub-clinical activity during the convalescent stage; although the C-reactive protein has not been thoroughly studied in this zone between activity and inactivity, the indications are that it will not be helpful. Furthermore, there is no certainty with a positive test that the clinical illness is rheumatic fever, since a variety of other inflammatory diseases produce this response.

It is noteworthy, however, that a negative test means the absence of active rheumatic fever. This would seem valuable information. Discounting rheumatic fever on clinical grounds is not always easy, and a test to eliminate this possibility is welcome. It is conceivable that this test can spare a normal child several months of bed rest, and if so, it is valuable indeed.

It should be realized that the immunological basis for this reaction is quite different from the antistreptolysin titer. In the latter instance what is measured is the rising bacteriological evidence of an antecedent streptococcal infection, only circumstantial evidence of rheumatic fever. In the former instance evidence of the rheumatic state is measured, by using a protein elicited during inflammation, a closer step to the specific nature of rheumatic fever.


*The Journal of the Med. Assoc. of Georgia*  
Nov., 1954

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*There is no peace, saith my God, to the wicked. — Isaiah 57:20, 21.*

*He is well paid that is well satisfied. — Merchant of Venice.*

*The saying is true, "the empty vessel makes the greatest sound."  
Shakespeare, King Henry V*

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