BOUND PERIODICALS

Feb. 1982

BULLETIN

of the

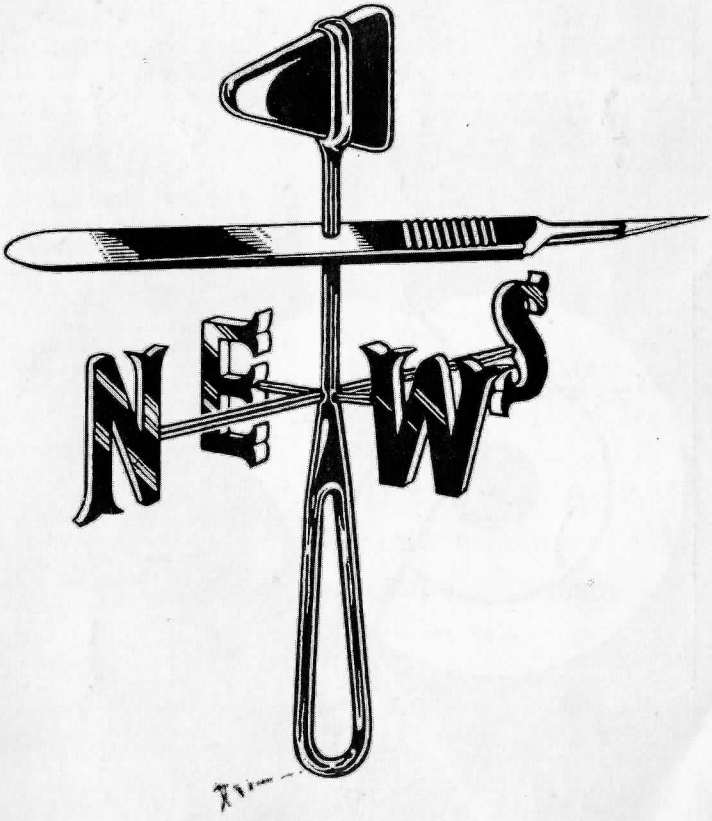
MAHONING COUNTY MEDICAL SOCIETY

Volume LII *Number 2*

FEBRUARY, 1982

SCIENCE & INDUSTRY

THE PUBLIC LIBRARY
OF YOUNGSTOWN AND MAHONING COUNTY



CAREER ASSETS PROTECTION Policy

The 'Cap" For Your Professional Liability Coverage

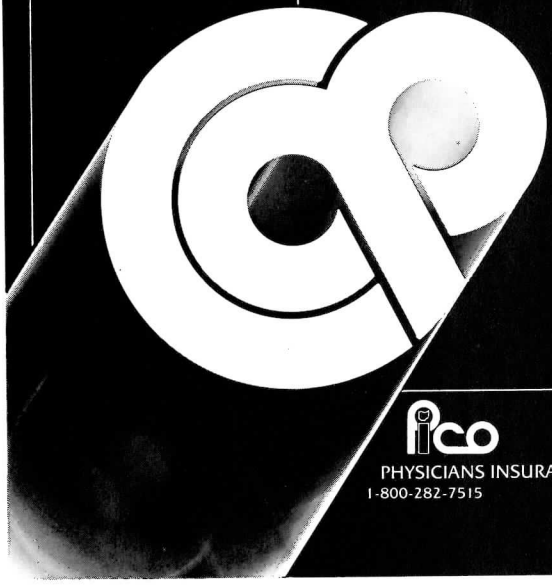
Career Assets Protection is a unique new form of professional liability insurance offered only by PICO.

The concept is simple: your past protection is up-dated to meet the needs of today's economic environment.

If you had low limits of liability in the past; if you were not covered for a period of time; if you were under an employer's self insured plan; you need Career Assets Protection.

This retroactive, one-premium policy provides protection of $1 million (or more) as excess coverage over your previous policies, or as primary coverage if you did not have insurance. Coverage is effective now and dates back to the beginning of your medical practice. It is equally appropriate for individual physicians and for medical corporations.

Of course, you may not be faced with a large claim from the past. But if you are, you almost surely will need Career Assets Protection. It's the "cap" for your professional liability coverage. From PICO.



PICO

PHYSICIANS INSURANCE COMPANY OF OHIO

1-800-282-7515

COMPLETE PROTECTION

MEDICAL PROFESSIONAL LIABILITY INSURANCE

FAMILY AUTOMOBILE INSURANCE

HOMEOWNERS INSURANCE

OFFICE PROTECTION POLICY

Complete Insurance Services

The Gluck Insurance Agency

PICO Authorized Representatives:
JAMES LANG
JAMES KEATING
JAMES SUTMAN
EDWARD HASSAY

Introducing LIFESTYLE I. A 12.2%* return on your life insurance investment PLUS the valuable protection of life insurance.

* current rate as of 11/81

The Gluck Insurance Agency

2901 Market St., Yo., OH 44507 P.O. Box 2726

Telephone: (216) 788-6577

LESTER'S

• PHYSICIAN SUPPLIES • HOSPITAL SUPPLIES
• PRESCRIPTIONS

We offer
- Prompt courteous service—Free Delivery
- Complete Stocks
- Fair Price
- Literature—New Product Information
- Complete colostomy supply service

If we can be of service—

PLEASE CALL

264 Federal Plaza West
744-4111

Office Supplies
Business Furniture
Data Supplies

DeBALD & CO.

FOR PROMPT SERVICE PHONE 746-0597
1300 Wick Ave. • P.O. Box 6085 • Youngstown, OH 44501

YOUNGSTOWN LIMB CO., INC.

The latest in upper and lower prosthetics and accessories.

CERTIFIED: AMERICAN BOARD OF CERTIFICATION

Rehabilitation of amputees since 1918

14 S. Meridian Rd. • Youngstown, Ohio 44509
792-2561 — Phones — 792-4684

Officers and Council

Officers

R. M. KISKADDON, *President*
P. J. MAHAR, JR., *Vice President*
D. J. DALLIS, *Immediate Past President*
H. S. WANG, *Secretary*
A. Z. RABINOWITZ, *Treasurer*

Delegates

J. J. ANDERSON
J. C. MELNICK
C. E. PICHETTE
W. E. SOVIK
K. F. WIENEKE

Council

G. J. BAUMBLATT
A. G. BITONTE
T. N. DETESCO
A. G. GARG
J. S. GREGORI
J. G. GUJU
M. I. JACOBSON
P. R. LAKHANI
D. H. LEVY
D. J. LIMBERT

Alternate Delegates

G. A. BARTON
R. A. MEMO
D. E. PICHETTE
J. W. TANDATNICK
C. C. WHITE

Representative to Blue Cross of Eastern Ohio: W. E. Sovik
Executive Director: Robert B. Blake

1982 - MAHONING COUNTY MEDICAL SOCIETY MEETINGS - 1982

Tuesday	Tuesday	Tuesday	Tuesday	Tuesday	Tuesday
Jan. 19	Mar. 16	May 18	Sept. 21	Nov. 16	Dec. 21

Table of Contents

FEBRUARY, 1982

Advertisers' List

From the Desk of the President

SOCIAL SECURITY

As physicians, we are at a special vantage point from which to observe the use and abuse of Federal and State Funds such as Social Security, Welfare and Workman's Compensation. As the years have rolled on since 1936, I have been progressively more inclined to remind my patients that they are really talking about social *insecurity*, because the contributions that were supposed to be confined in a special trust were utilized by Congress for some other purposes. Unlike a contractual agreement established as an insurance policy, the Social Security System is subject to changes in the rules and benefits, leading to further insecurity.

The ultimate damage may lie in the "double standard" of this so-called insurance. One double standard is the FICA system for the majority and a second, separate and superior, system for our congressmen and government workers. As the number of government employees approaches the fifty percent mark, it weakens the FICA System, thereby further increasing the insecurity.

Mr. Average American is captive in paying for his own contributions and also for a part of the government workers special system by way of taxes. It is my suspicion there would be better accountability and improved handling of the FICA funds if the Congress had a personal involvement and dependence on this system. President Reagan recently said we must make our Social Security System secure. Both he and Congress can expedite this improvement by decisively destroying the double standard and by placing all U.S. citizens under the same Social Security System on an totally equal basis. The willingness of each congressman to bring about this type of equity would be a measure of his own personal integrity.

I bring this subject to your attention because I think the time is right to insist on this kind of change, and to include pressure to keep all contributions intact in a Social Security Trust Fund. It must be free and clear of the general operating fund. In the last month, President Reagan has indicated some interest in part of this concept and we need to encourage his definitive action. Sit down now and write one sentence about this to your favorite congressman and to President Reagan.

R. M. Kiskaddon, M.D.
President

BULLETIN
of the Mahoning County Medical Society

Published Monthly for and by the Members

1005 Belmont Ave.
Youngstown, Ohio 44504
Phone 747-4956

Not published in May, July and August.

Volume LII **FEBRUARY, 1982** **Number 2**

The opinions and conclusions expressed herein do not necessarily represent the views of the Editorial staff nor the official views of the Mahoning County Medical Society.

EDITOR
R. W. Juvancic, M.D.
EDITOR EMERITUS
James L. Fisher, M.D.
MANAGING EDITOR
Robert B. Blake

EDITORIAL STAFF
Robert R. Fisher, M.D.
John C. Melnick, M.D.
James A. Lambert, M.D.
Jack Schreiber, M.D.

Editorial

THE PRACTITIONER AND INTENSIVE CARE

Two recent articles in J.A.M.A. (Nov. 6, 1981) on medical intensive care of the elderly bring into focus concepts which are of importance to all physicians.

Frequently, enough personal physicians of patients bow out voluntarily or feel "eased out" of a difficult situation, or patients of families may not wish to pay too many doctors.

The personal physician has much more knowledge of both the patient and the family which can have impact on effective therapy. Should extreme measures be used? Should decisions be made in consultation only with those who do not know all circumstances? What are the real feelings of all members of the family? What may be the long-term effect on family members where outcome is less than satisfactory? What does the patient really want?

Patients and families complain, at times, that their physician or physician have all but abandoned them. They do not know whose advice to accept when there is no clear-cut delineation of responsibility for overall versus specialized care. In those hopefully infrequent, instances when these occur, later problems may be avoided by direct definitions.

There is an elusive something about some patients that, if it can be tapped, can signal for the health care team an approach which will be acceptable to the ailing persons. We all know many examples of patients who are irascible and non-cooperative with a wall built around them. The personal physician is in the best position, usually, to discover the keys which will open cooperative doors.

There has been a great push in recent years for informed consent and also for sharing with our patients. It used to be taught that you did not inform and share very often because what the patient did not know would not hurt him. It would be interesting to know how many hypochondriacs this unenlightened attitude produced. Experience suggests that patients who are not given the truth develop concepts which may be totally wrong.

This does not mean that all patents should be told everything in all circumstances. The personal physician is in the best position to determine when and how this should be done.

Our old concept of the "crock" needs revision, too, since newer discoveries are showing us that many areas which were not understood by us may really be pathologically endowed and can be treated successfully. The newer findings on some mental diseases, for example, are suggestive of this. As the physiologists and biochemists progress in their research, we can expect more mysteries to be solved.

The roles of various physicians are changing with all these discoveries. The personal or primary physician is no longer all things to all people. He/she must have broad knowedge and understanding, while, as Will Durant suggested, he/she turns to resource material and specially-trained individuals for unique problems. Yet, he/she must maintain the role of bringing things together — the captain of the ship, so to speak.

The advancing knowledge in nutrition, alcoholism, geriatricst—to name a few—can be overwhelming to those of us who had little exposure to them. But it is important that we acquaint ourselves with them and utilize all resources which will help us give better care to our patients.

Medicine is unique. It is personal and it employs specific techniques while involving impersonal attitudes and methodologies.

This blending of the personal and impersonal is the province of the personal physician. He can do it best!

—Richard W. Juvancic, M.D.

IS THERE A NEED FOR THIRD GENERATION CEPHALOSPORINS?

Chatrchai Watanakunakorn, M.D., F.A.C.P.
St. Elizabeth Hospital Medical Center

Since the original licensure of cephalothin, there has been a proliferation of cephalosporins and cephalosporin-like antibiotics available for clinical use. There are now three generations of cephalosporins.

There are many third generation cephalosporins currently undergoing clinical investigations. Two of these have been released for clinical use, namely, cefotaxime (Claforan) and moxalactam (Moxam) (1, 2). Strictly speaking, movalactam is a l-oxa-lactam compound, structurally slightly different from that of the cephalosporins. However, since moxalactam is very similar to other third generation cephalosporins in all other aspects, it is considered a cephalosporin for practical purposes.

The third generation cephalosporins have an expanded antimicrobial spectrum. They are active against many gram-negative bacilli including some strains of *Pseudomonas aeruginosa*, though the activity against *P. aeruginosa* is much less than other gram-negative bacilli. They are also active against many anaerobes. A given strain of bacterium may be resistant to cefotaxime but susceptible to moxalactam and vice versa. Though cefortaxime and moxalactam are active against gram-positive cocci such as *Staphylococcus aureus and Streptococcus pneumoniae,* their activity is much less in compasion with cephalothin (Keflin) and cefazolin (Kefzol, Ancel), the first generation cephalosporins.

Cefotaxime and moxalactam should be used parenterally only. The half-life of cefotaxime is much shorter than that of moxalactam. In serious infection cefotaxime should be given every 4 hours, while moxalactam can be given every 8 hours.

The major problems of the third generation cephalosporins are development of antibiotic resistance and acquisition of superinfection during therapy (2, 3). Another important side effect of moxalactam is the development of prolonged prothrombin time and even bleeding due to the decrease of vitamin K dependent clotting factor. This is probably the result of decrease of normal colonic flora responsible for vitamin K production. Another drawback is the cost of these drugs. The costs of cefotaxime and moxalactam are 400%

higher than those of cephalothin and cefazolin and 200% higher than those of the second generation cephalosporins (Cefoxitin, Cefamandole).

The only clear-cut indication for the use of moxalactam (and perhaps cefotaxime) is in the treatment of meningitis caused by enteric gram-negative bacilli (excluding *P. aeruginosa*) (4, 5). Moxalactam and cefotaxime should not be used to treat infections caused by gram-positive cocci. Moxalactam and cefotaxime alone should not be used as empirical therapy of patients with sepsis. The efficacy of moxalactam and cefotaxime alone in the therapy of Pseudomonas infection is not proven. As a general rule, with the exception of gram-negative bacillary meningitis, there is no reason to use cefotaxime or moxalactam to treat infections caused by organisms susceptible to other cephalosporins and penicillins.

In summary, third generation cephalosporins are rarely needed. They should not be used routinely or frequently, because of the potential for emergence of resistant organisms, acquisition of superinfection and because of the high cost (1).

REFERENCES

1. Cefotaxime. Medical Letter. 1981; 23:61-62.
2. Platt R, Ehrlich SL, Afarin J, et al. Moxalactam therapy of infections caused by cephalothin-resistant bacteria: Influence of serum inhibitory activity on clinical response and acquisition of antibiotic resistance during therapy. Antimicrob Ag Chemother. 1981; 20:351-355.
3. Yu VL. Enterococcal superinfection and colonization after surgery with moxalactam, a new broad-spectrum anibiotic. Ann Intern Med. 1981; 94:794-785.
4. New drugs for enteric gram-negative bacillary meningitis in adults. Medical Letter. 1981; 23:73-74.
5. Sande MA. Antibiotic therapy of bacterial meningitis: Lessons we've learned. Am J Med. 1981; 71:507-510.

If Professional Treatment In Automotive Sales and Service Is Important To You...See BARRETT CADILLAC

The sales and service departments at Barrett Cadillac have traditionally upheld the professional, quality performance standards demanded by its clients for over 30 years. Add to this tradition an expanded line of automotive offerings including domestic and imported luxury cars, sports cars, convertibles, station wagons, 4 x 4's and economy cars, and you have a true one-stop source for all your automotive needs.

THE VALUE-ADDED DEALER

BARRETT CADILLAC INC.

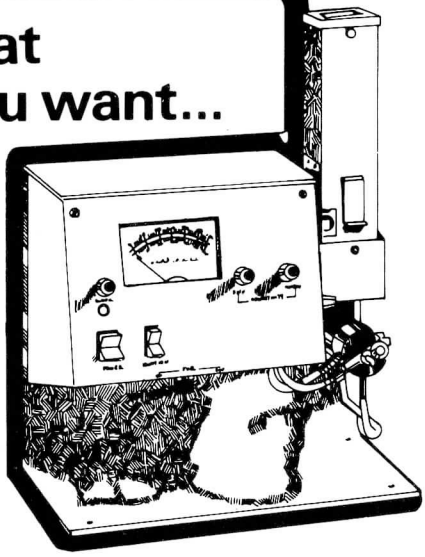
CADILLAC · AMERICAN MOTORS · RENAULT · FIAT

Visit Barrett soon or phone to have a Barrett sales representative call on you at your convenience.

907 Wick Ave. • Phone 747-3521

You know what equipment you want...

We're here to see you get it!



For professional financial service, call Mr. Terry Taylor vice-president, at 742-7000

MAHONING BANK
...the bank with all the branches

THE
MEDICAL PROTECTIVE COMPANY
FORT WAYNE, INDIANA

1st FOR PROFESSIONAL PROTECTION EXCLUSIVELY

YOUR FIRST STEP TO FIRST QUALITY PROTECTION

CONTACT FIELD REPRESENTATIVES
A. C. SPATH and R. A. ZIMMERMANN
Suite 106, 23360 Chagrin Boulevard
Beachwood 44122
(216) 464-9950

PROCEEDINGS OF COUNCIL
January 12, 1982

The regular meeting of Council of the Mahoning County Medical Society was held on Tuesday, January 12, 1982 at the Youngstown Club.

The treasurer's report included a recapitulation of the total income for 1981, including dues, miscellaneous income and interest. The report also noted two members did not pay dues for 1981 and were suspended from membership.

The following applications were presented by the censors:

ASSOCIATES:	ACTIVE:
Stanley Goldstein, M.D.	Steven Grossman, M.D.
Athanasios Kasamias, M.D.	Nicola B. Nicoloff, M.D.
Joseph P. Myers, M.D.	John Politis, M.D.

The applications were approved. The applicants will become members of the Mahoning County Medical Society in the voted category 15 days after the publication of the names in the *Bulletin,* unless objection is filed in writing with the executive director before that time.

A note of appreciation for being included on the mailing list of the *Bulletin* was received from Mrs. Alma Coy of Escondido, California.

It was noted that schedules for the MASHEN approved CME programs are in the Society office and the list of American College of Physicians CME meetings is also in the Society office.

A questionnaire from OSMA was presented to the Council and members were asked to complete the survey form and return it to the Society office.

A report of the OSMA Delegation actions at the AMA Interim meeting in Las Vegas was presented.

A special emergency treatment form to allow treatment of minors when parents are not available to authorize treatment was presented and held in abeyance until the hospital attorneys have an opportunity to evaluate it. It was reported some parents accomplish the same purpose by writing the name of the family physician or pediatrician on a sheet of paper and authorizing them to provide needed treatment.

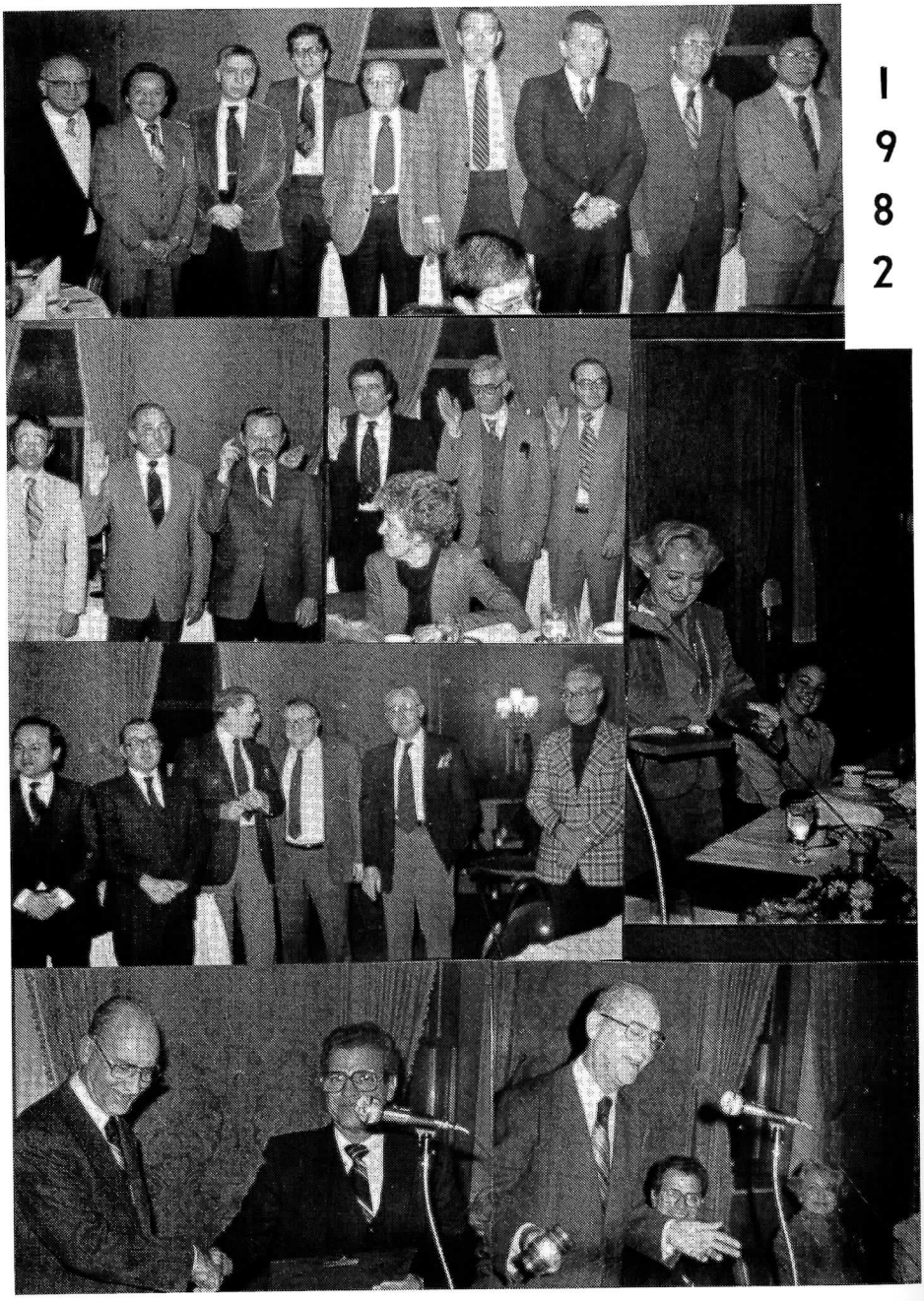
A report on the status of the lawsuit revealed everything still hinges on the submission of his particulars by the Attorney General. It was reported there is apparently some disagreement between other parties to the lawsuit and the AG.

Dr. Kiskaddon presented a rundown on what he hopes to accomplish in 1982 as president, noting that he wants to utilize practical ideas and hear the things members see as problems. He stated he will try to put meat into the Society meetings by providing academic topics with CME credits. Dr. Kiskaddon noted the May meeting will be at the Youngstown Country Club with a suitable program to go with the locale. The September meeting is planned to be a combined staff meeting for both hospitals, followed by dinner and a meeting of all persons and a CME-valued program to follow the dinner. The new president noted he wants to offer things to the committees that are in their areas of responsibility and have the committees report to the Society.

There was a suggestion from a Council member that each committee meet at least once a year, if only to become acquainted with the members of the committee and explore its area of responsibility.

There was a suggestion made that each new member of the Society be asked to attend a Council meeting (at his own expense) to get a first-hand look at the workings of Council and be made aware that Council members pay for their privilege of serving.

A motion was made, seconded and passed that the executive director join the American Association of Medical Society Executives and the Society pay the membership fee.



1982

Photos 1, 2, 3, 4 — members of Council and officers who received the oath of office from Dr. Dallis at the January 19 meeting of the Society. Photo 5 — Mrs. Dallis and daughter, Kelly, respond to a gift of a volume of the *Bulletin*. Photo bottom left — Dr. Dallis received apppreciation plaque from Dr. Kiskaddon. Photo bottom right — Dr. Kiskaddon expressed his appreciation for the gavel, made by Dr. Patrick Cestone, and presented by Dr. Dallis.

INSTALLATION WAS JANUARY HIGHLIGHT

Dr. D. J. Dallis was honored as the retiring president and Dr. Robert W. Kiskaddon was installed as the new president at the January 19 installation banquet of the Mahoning County Medical Society.

An appreciation plaque was presented to Dr. Dallis for his work as the 1981 president of the Society, and Dr. Dallis presented a new gavel to Dr. Kiskaddon that was made by Dr. Patrick Cestone. Dr. Dallis also received a president's pin and a bound volume of the 1981 *Bulletin.*

Dr. Kiskaddon presented a gift of golf balls to Dr. Dallis and to Robert Blake, the executive director, together with instructions on how they were to be used.

The meeting was opened with a moment of silence for those physicians who died last year: Dr. Carl H. Weidenmeir, Dr. Elmer J. Wenaas, Dr. Elsa Shapira-Bloomberg, Dr. Joseph J. Sofranec, Dr. Charles A. McReynolds, Dr. Nicholas G. Kastellorios, Dr. Fred G. Schlecht, Dr. Richard J. Jarvis, and Dr. H. Bryan Hutt.

Three active, two associate and two intern/resident applications were read and the officers of the society were installed by Dr. Dallis.

A proposal was read that would rescind the regulation requiring the payment of accrued assessments by persons reinstated to membership in the Society.

Entertainment was provided by the Harmonica Hi-Fi's of Struthers and, following announcements concerning coming events, the meeting was adjourned.

(The list of those installed is on the "contents page" of the *Bulletin.*)

Person -to- Person

A service that only comes through years of caring. A service built from a foundation of a half century of pride and competence by providing life and health coverage for a distinctive clientele. We also pride ourselves in our dynamic casualty division. You are our commitment.

Stillson & Donahay AGENCY, INC.

RALPH L. AMITY • JOHN G. FOUSE • REUEL J. PECK
LLOYD T. STILLSON • WILLIAM E. GRIFFITH
UNION NATIONAL BANK BUILDING•30 N. MAIN STREET IN POLAND•(216)757-3726

COMMITTEES FOR 1982

Alcoholism
Reed—*Chairman*
Bacani
Gelbman
Giannini
Laird, A. T.
Pappas
Saint-Julien
Renner

Athletic Injury
Vuksta—*Chairman*
Adornato
Bernat
Brocker
J. Brucoli
Cuttica
Dockry
Gonzalez
Guthikonda
Jaffer
Panozzo
Raghavan
Werning
Wieneke

Blood Bank
Pass—*Chairman*
Deppisch
Garg, S. K.
Fry
Squicquero
Taylor
Wiltsie

Budget
Kiskaddon—*Chairman*
Bunn
Juvancic
Mahar
Rabinowitz
Wang

Cancer
Lupse—*Co-Chairman*
Wieneke—*Co-Chairman*
Adornato
Altman
Amorn
Bhatti
Bitonte
Carbonell
Crans
Deppisch
Detesco, A. A.
Fok
Garcia
Garg, S. K.
Goldberg
Mehta
Pass
Roth
Vuksta

Canfield Fair
Schreiber—*Chairman*
Friedrich
Melnick
Resch
Sinsenheimer

Child Learning
Brucoli, P.—*Chairman*
Abram
Brandmiller
Cinelli
Grajo
Kalavsky
Klahr
Klodell
Mahar, Jr.
Mirvis
Sethi, V.
Wegner

Civil Defense & Disaster
Squicquero—*Co-Chairman*
Wiltsie—*Co-Chairman*
Cossette
Finley
Gonzalez
Jenkins
Might
Phillips
Vuksta

Constitution
Pichette, C. E.—*Co-Chairman*
Tandatnick—*Co-Chairman*
Crawford
Friedrich
McConnell
Ondash
Szauter
Warnock
Watanakunakorn
Weiss

Continuing Med. Ed.
Caccamo—*Co-Chairman*
Juvancic—*Co-Chairman*
Afrooz
Amorn
Boulis
Conte
Garg, A. G.
Guthikonda
Hoffmaster
Iqbal
Kessler
Mishr
Oh
Rabinowitz
Squicquero
Speck
Wang
Wiltsie

Diabetes
Cleary—*Co-Chairman*
Mishr—*Co-Chairman*
Gaylord
Hong
Jung
Kiskaddon
Lakhani
Latorre
McGowen
Pedraza
Rabinowitz
Rosenblum
Yarmy

Drug Abuse
Gelbman—*Chairman*
Galose
Nalluri
Prochnow
Renner
Sethi, V.
Saint-Julien

Geriatrics
Boniface—*Chairman*
Banninga
Fok
Hyland
Jones, E.
Jones, P.
Lakhani
McConnell
Pannozzo
Rabinowitz
Randell

Governmental Medical Care
Anderson—*Chairman*
Barton
Boening
Deramo
Fogarty
Fry
Galose
Mahar, Jr.
Rashid
Riberi
Ruth
Whittaker

Grievance
Dallis—*Chairman*
Baumblatt
Gregori
Kiskaddon
Levy
Lin
Lupse
Mahar, Jr.
Slusher
Sovik

Wang
Wasilko
White

Health Screening
Deramo—*Chairman*
Conte
Detesco, T. N.
Garg, A. G.
Guju
Grossman
Raghavan
Tandatnick

History
Melnick—*Chairman*
Beynon
Brandmiller
DiCicco
Fisher, R. R.
Fogarty
Gordon

Hospital Relations
Ondash—*Chairman*
Detesco, A. A.
Fogarty
Green
Hassell
Hritzo
Ellison
McConnell
Phillips
Shorten
Sovik
Squicquero
Turner, J. J.
Wiltsie

Indoctrination
Pichette, C. E.—*Chairman*
Cinelli
Gregori
McConnell
Pichette, D. E.
Pugh
Ondash

Industrial Health
Boening—*Chairman*
Catoline
Dockry
Fagnano
Fry
Juvancic
Klodell
Kravec
Lin
Pugh
Shorten

Insurance
Abdu—*Co-Chairman*
Ruth—*Co-Chairman*
Barton
Deramo
Detesco, T. N.
Melnick
Nalluri
Shorten

Legislative
Pichette, C. E.—*Chairman*
Anderson
Chiasson
Hernandez
Holden
Ruth
Solyn
White

Maternal Health
Bernstine—*Chairman*
Alexander
Bruchs
Buckley
Colla
Chiasson
Fogarty
Hazelbaker
Huang
Lenhart
Lepore
Moskalik
Roth
Saint-Julien
Solyn

Medical Assistants
Evans—*Chairman*
Brandmiller
Galose
Ruiz
Sethi
Sofranec
Sovik

Med. Emergency Serv.
Finley—*Chairman*
Campolito
Jenkins
Martin
McIver
Pappas
Parry
Ruth
Sarantopoulos
Squicquero
Wales
Wiltsie

Medical Legal
Reed—*Chairman*
Bennett
Brocker
Brown, R. A.
Detesco, T. N.
Laird, A. T.
McConnell
Sevachko
Solyn

Medical School
Caccamo—*Chairman*
Abdu
Brown, D. B.
Bunn, W. H.
Chiasson
Crans
Finch
Ghani
Guthikonda
Kessler
Kohli
Mishr
Pass
Squicquero
Wiltsie

Medicine & Religion
Rosenblum—*Chairman*
Brocker
Chiasson
DeCicco
Detesco, A.
Gilliland
Kohli
Resch

Mental Health
Waltner—*Co-Chairman*
Gelbman—*Co-Chairman*
Boniface
Giannini
Kachmer
Prochnow
Solana

Prisons & Jails
Levy—*Chairman*
Belinky
Bernat
Catoline
Gordon
Hayek
Hunt
Johnson
Wasilko

Public Health
Goldberg—*Chairman*
Fulks
LaManna, Jr.
Nath
Mikolich
Rich, F. A.

Public Relations
Dietz—*Chairman*
Adornato
Banez
Brown, D. B.
Bitonte

(continued next page)

"THE PHYSICIAN IS A DECISION MAKER, AND ALMOST EVERY DECISION HE MAKES COSTS OR SAVES MONEY."

—Dr. William Felts, Past President, American Society of Internal Medicine

More and more physicians today are beginning to realize the extent of the economic influence they have, and are finding ways of holding costs down.

A number of studies show that the more physicians *know* about costs, the more they try to *reduce* them.* And this reduction can be done without reducing the quality of care to the patient.

How are they doing this? As a start they have become thoroughly familiar with the costs they incur on behalf of their patients. They know how much an X-ray costs, how much their hospital charges for routine lab tests. They're requesting copies of patients' hospital bills. And asking their hospitals to print the charges for diagnostic tests right on the order sheet.

What else are physicians doing? Minimizing their patients' hospital stays, whenever possible. Reevaluating routine admissions procedures. Questioning the real need of the diagnostic tests they order for their patients. Avoiding duplicate testing. Trying to discourage their patients' demands for unnecessary medication, treatment or hospitalization. Compiling daily logs of their medical decisions and what they cost. And more.

More physicians today realize what a tough problem we're all faced with. They know this is a challenge for medicine. And that physicians are in the best position to deal with and solve the problem.

*PATIENT CARE Magazine—Outlook 1977 "Face-Off: Cost Containment vs. Chaos," January 1, 1977.

Lyle CB, et al. "Practice habits in a group of eight internists," ANNALS OF INTERNAL MEDICINE 84 (May 1976), 594-601.

Schroeder SA, et al. "Use of laboratory tests and pharmaceuticals: variation among physicians and effect of cost audit on subsequent use," JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 225 (Aug. 20, 1973), 969-73.

Blue Cross® Blue Shield®

® Registered Service Marks of the Blue Cross Association
® Registered Service Marks of the Blue Shield Association

Gregg
Grossman
Pesa
Detesco, A. A.

Radio and TV

Schreiber—*Chairman*
Amorn
Banez
Bitonte
Brown, D. B.
Cinelli
Hoffman
McDonough
McGowen
Melnick
Pugh
Riberi

Rehabilitation

Jacobson—*Chairman*
Amedia
Cuttica
Drucker
Gonzalez
Hashmi
Kalfas
Nagpaul
Nicoloff
Pannozzo
Parris

Rural Health

Fok—*Chairman*
Arnott
Friedrich
Gilchrist
Miglets
Petraglia

School Health

Wegner—*Chairman*
Abram
Brucoli, B. P.
Bleacher
Bernat
Conte
Grossman
Hazelbaker
Iqbal
Jaffer
Klahr
Krishnan
LaManna, Jr.
Mirvis
Politi

Social & Program

Bunn, W. H.—*Chairman*
Dietz
Goldberg
Hernandez
Juvancic

Speakers Bureau

Melnick—*Chairman*
Amedia
Banez
Brown, D. B.
Conte
Lipton
Loeser
Murray
Nicoloff
Riberi
Schreiber
Starr
Wieneke

TB & Pulmonary

Bal, T. S.—*Co-Chairman*
Politis—*Co-Chairman*
Fulks
Ho
Kline
Kravec
Torok
Saadi

Trauma

Dockry—*Chairman*
Bernat
Brucoli, J.
Cossette
Crans
Cuddapah
Cuttica
Finley
Garcia
Garg, A. G.
Gonzalez
Kohli
Mehta
Raghavan

Classified Advertising

SPACE AVAILABLE

FOR IMMEDIATE OCCUPANCY

Office space available. 960 Sq. Ft. in Forest Hill Professional Center. 8150 Market St., Boardman, Ohio.

Call Dr. Friedrich, 758-1411

POSITION WANTED

R.N. desires full-time position in physician's office. Excellent references. Call 799-2785 after 5:00 p.m.

SPACE AVAILABLE

3700 sq. ft. offices pace available — Broadway Medical Center.

Call 744-4369

HOUSE FOR SALE

Boardman area - Squirrel Hill. 3 Bedrm. Colonial. Central Air, many extras. Owner will consider financing 25% down.

Call 743-4170 or 758-1012

FOR LEASE

Suites for lease in a new building. Will build to suit. Up to 1960 Sq. Ft. on the neweest building location in Boardman-Canfield areas by Route 224. Please call Dr. N. Domingo, 758-0551.

DOCTOR OFFICE FOR RENT

1200 sq. ft. 10 minutes from hospital, 1730 Oak St. 4 examining rooms, one consultant room, laboratory, darkroom, 2 bathrooms, reception area.

Phone 782-5977

OFFICE SPACE

Choice Office Space. Modern, well decorated. Up to date high rise building. 1350 Fifth Ave., Wick Park area. Choice suites available from 300 sq. ft. For appointment call Ajax Realty Co. 792-1455.

PHYSICIAN ADVISORS

Physicians' Peer Review Association has need for two or three physicians to serve as Physician Advisors for patient care review. Limited time required on a given day—maximum of one hour of your time will be needed, perhaps twice a week. Call (216) 757-3746 if you are interested.

HOUSE FOR SALE

Warner Road - Liberty. 3,700 Sq. Ft. on 8 acres. Asking $225,000. G. Robert Barton, M.D., 568-7384.

THE YELLOW FUZZBALL WARS"

Every afternoon and evening, throughout the city of Youngstown, one finds gladiators in short pants training for competitive warfare. These gladiators are the soldiers of the "Yellow Fuzzball Wars", thought by non-combatants to be a form of recreational athletics. Those of us who participate in the "Yellow Fuzzball Wars" know this is a form of hand-to-hand combat and that the most ferocious determined warriors emerge victorious. Combat with "Yellow Fuzzballs" can be held indoors or outdoors and is very popular among our area physicians and some have become so skilled that their activities deserve special mention.

Some physicians can be found engaging in a much more docile sport that is held outdoors, usually in good weather, and completely non-competitive. The instruments of that game are some rather dangerous-looking clubs and a small, white, wrinkled ball that gets clubbed from one field to another in a frenzy of chopping and hacking. It obviously requires a little skill and is not of great interest to true gladiators. The wrinkled white ball sport is called "Golf" and the Yellow Fuzzball" warrior games are true athletic endeavor requiring great agility and only played by young athletic physicians and are called "Tennis". The origin of the word "tennis" is obscure, but all physicians who play the game understand the true meaning and attach great honor to being skillful at tennis contests.

Some physicians have earned great reputations in the fuzzball courts and it brings to mind one of the great leaders of the fuzzball contests, P. D. Bunn. He is among the most skillful of all fuzzball warriors but he is so ill-tempered on the court that he is usually found by himself whacking the fuzzball against the practice wall. He has been engaged in this activity for several months. The contest is as yet undecided, but never once has P. D. Bunn been able to beat the wall. WHACK, WHACK, WHACK, WHACK. He hits the ball with an elegance and grace that a wild-life photographer would envy, but the wall, unimpressed, always gets the ball back. Eventually, P. D. Bunn misses. More frustration, more determination. There will come a day when P. D. Bunn CAN beat the wall!

On the court is the longest established floating fuzzball war game in the history of fuzzball wars. The teams line up: Hugh Bennett and Bruce Lipton, two of the baldest gladiators in the history of athletic warfare. Across the net, Larry Pass and Barry Sheridan, the tallest tennis players in the world and the fattest tennis players in the world. The contest begins. The conclusion of the fans watching the contest: "'This is certainly not the most skillful tennis game we have ever watched, but it is the noisiest!" At the end, two sets for each team. They will have to play the contest again next week. The game began in 1969. A conclusion has not yet been reached. Something will have to be done soon. Hugh Bennett is not getting any younger.

In the next court, are stacks of broken tennis rackets, a torn net, the tennis carpet is in shreds. What could have caused such a disaster??? It was William Bunn, mutilating the court once again after missing an easy shot.

In the next court, another war game ensues. Harold Chevlin is playing with Helen. She is whipping him badly. But, what can you expect from a gladiator with the thinnest legs this side of Flamingo Island??? The teams leave. Another group enters the court. The dust and smoke rises. The fuzzballs are worn out and thrown out of play. A group of brand new fuzzballs are put in use.

The big boys are playing. The true Class 'A' handicapped gladiators, Renny Goldberg and Nazim Jaffer. WHACK! WHACK! The ball flies faster than the eye can see. This is a true jousting match! Who will be the superior warrior?? The contest continues. Dusk begins to fall. The lights are turned on with spectators seated, gladiators panting and sweating. The glistening beads of perspiration are falling on the carpet. The score is 6-6. Time for a

sudden death overtime. But neither player can get up! The strain has been so great that they both agree to quit. They both go home losers again!

The "Yellow Fuzzball" wars will always continue. Great athletes come and go, and each physician takes his turn on the court to test his skill against the "Yellow Fuzzball", the net, and the little white line that drives everybody to distraction! Ronnie Roth examines the line with a magnifying glass. His ball hits close to the line. Was it in or was it out?? "It was in!" shouts Roth. "It was out!" shouts David Brody. This is a problem that never becomes resolved. Both players stomp off the court. Another day of "Yellow Fuzzball Wars" has ended. The court closes and the sun rises again the next day. New gladiators in short pants arrive to test their skill. Come and see the "Yellow Fuzzball Wars". You'll die laughing!

LARRY PASS, M.D.

In Memoriam

MYRON H. STEINBERG
1909 - 1982

Dr. Myron H. Steinberg, 73, died Friday, January 22, in North Side Hospital of complications. He was a vascular surgeon.

Dr. Steinberg was born in Alliance, Ohio, graduated from Rayen High School, received his undergraduate degree at Ohio State University and his medical degree at Ohio State University Medical School. He served his internship at St. Francis Hospital in Columbus, Ohio.

He was a past president of the Ohio State Alumni Association, and a member of the Mahoning County Medical Society, Ohio State Medical Association, American Medical Association and the American Angiology Association. In 1970, he was elected a vice regent in the Great Lake Zone of the Peripheral Vascular Society of America. He served in the U.S. Army Medical Corps in World War II.

NEW OFFICE BUILDING NOW LEASING IN BOARDMAN

945 Boardman-Canfield Rd., Rt. 224

PARKSIDE PLACE PROFESSIONAL BUILDING

Will Professionally Design Interior for Your Professional and Personal Needs and Taste

Office Space From 500 sq. ft. to 10,000 sq. ft.

— PLEASE CALL —

PRICE-LEWIS REALTY

Phones 758-7575 or 539-6426

THE PICO LIFE IRA

Probably the highest guaranteed annual interest for an IRA you'll be offered in 1982 — and beyond.

	Minimum Guaranteed Interest
1982	15%
1983	12%
1984	10%
1985	8%

New tax laws effective January 1, 1982, permit persons with earned income to establish an IRA as a tax sheltered retirement plan. You can take advantage of this favorable tax ruling by contributing annually, on a fully tax deductible basis —

The lesser of $2,000 or 100% of earned income for single IRA

The lesser of $2,250 or 100% of earned income for an "espousal" IRA (if your spouse does not have earned income)

Your annual contributions and all interest earnings are free of income tax until benefits are paid.

THE PICO LIFE IRA
A No-Risk, Tax Sheltered Retirement Plan For OSMA Members, Families and Employees

Complete and return the coupon below to signify your interest in establishing a PICO Life IRA in January, 1982

picolife

PICO Life Insurance Company
P. O. Box 281, Bates Drive
Pickerington, Ohio 43247

Please contact me on or about January 1, 1982, regarding a PICO Life IRA with high guaranteed minimum annual interest rates.

Name _____ Phone Number _____

Address _____
(STREET) (CITY) (ZIP)

MEDICAL-DENTAL-HOSPITAL BUREAUS OF AMERICA®
Medicine Dentistry Science Health Business

Your Communication And Business Center

TELEPHONE ANSWERING
RADIO PAGING
MOBILE AND PORTABLE TELEPHONES
COLLECTIONS

Medical-Dental Bureau, Inc.

275 FEDERAL PLAZA WEST
YOUNGSTOWN, OHIO 44503

744-4513

Lois Moss, Manager

From the Bulletin

FIFTY YEARS AGO — FEBRUARY 1932

Dr. Harry Patrick had a leading article on the MAL ARIA of Rome. It told how the disease got its name from the popular belief that it came from the bad air exhaled at night from the Pontine marsh.

In order to give prominence to the coming meeting, the announcement was given a two-page spread in the center of the *Bulletin* on pink paper.

New members were W. Stanley Curtis, E. C. Mylott and John P. Kenney. You remember them?

The South Side Hospital reported that in 1931 the amount collected from patients was only 55% of the operating expense. The North Side Unit stood silent and only partially filled. The new Warner Theater was packing them in.

FORTY YEARS AGO — FEBRUARY 1942

The temper of the times was for immediate and positive action. News from Bataan and Corregidor was bad and many could not wait. Raymond Cafaro, Sidney Davidow, Samuel Epstein, S. D. Goldberg, J. S. Goldcamp, Joseph Keogh, Herman Ipp, O. M. Lawton, Stanley Myers, Thomas Patton, Asher Randall, J. A. Renner and Henry Sisek were in uniform and off to camp.

The Medical-Dental Bureau sponsored a symposium on Civil Defense. The entire membership of the Society was invited to lunch at the Tod House to hear Colonel Donald Lynn tell about plans for the defense of this area. Dr. O. J. Walker spoke for the physicians and W. J. McCarthy for the dentists. The attack on Pearl Harbor had the west coast in a bad state of invasion jitters and even in the Mahoning Valley we were having air raid drills. 150 doctors attended the luncheon and listened solemnly to instructions on what to do if we were attacked. The lucky people, there were no ICBM's then!

Henry Schmid, chief of the Venereal Clinic, reported 578 cases of syphilis and 268 cases of gonorrhea treated during the past year. Syphilis was treated with arsenic and bismuth, gonorrhea with Argyrol. It took two years to cure an average case of syphilis and three weeks for gonorrhea.

The hospitals reported a great increase in admissions. The new O.M.I. was the reason.

Dr. B. B. McElhaney died after being struck by a car on Market St. He was our first orthopedist.

THIRTY YEARS AGO — FEBRUARY 1952

President Gustafson said: "The public is made up of many individuals. The attitude of the public is the sum total of the opinions of those individuals. If enough of those persons like us and approve of what we do, the public will think well of us and 'public relations' will cease to be a problem."

Editor McNeal invited letters to the Editor with comments, criticism or if possibe, praise of the *Bulletin*. He hoped he would not need to write them himself.

The banquet at the Youngstown Country Club celebrated the 80th birthday of the Medical Society. W. D. Coy, S. G. Patton, H. E. Blott and C. R. Clark were there. Dr. Clark told about his early days in the Society when meetings were held in the doctor's offices and the most important medical problem was typhoid fever. "Pancho from the Rancho" was the entertainer.

The Venereal Clinic treated 430 cases of syphilis and 294 of gonorrhea the past year. Penicillin had superseded other forms of treatment for both diseases.

New members that month were Edward Henry Jones, Jr., Sam Amil Lerro, Hugh Norman Bennett, Donn Farrar Covert, Paul Easton Ruth, William Watts Parmenter, Charles M. Geiring and Paul A. Dobson.

Ben Brown had a very informative article on "Operative Cholangiography" and recommended the adoption of the procedure as an essential part of gall bladder surgery.

Henry L. Shorr and A. J. Telego opened their offices for general practice. W. J. Flynn returned after two years at the Memorial Hospital in New York. James Calvin reported for active duty with the U.S. Army at Camp Lee, Va.

TWENTY YEARS AGO — FEBRUARY 1962

The annual banquet was no longer a stag affair. One hundred seventy doctors and their dates attended for dining and dancing in the Mural Room. Sam Goldberg was chairman and M.C.

Statistics published by the Department of Labor revealed that from 1939 to 1969 physician fees were up 90%. Clothing was up 106% and food was up 151%. Per capita income rose 289.6%.

TEN YEARS AGO — FEBRUARY 1972

The Centennial year celebration of the Mahoning County Medical Society was entering its second month. Editor John Melnick had a lengthy and interesting article about Dr. Timothy Woodbridge, the Society's first president. Dr. Melnick also urged Council to seek some way that a street in Youngstown could be named after Dr. Dutton, Youngstown's first physician.

Venereal Disease was still on the minds of the members of the Society. Dr. Walter Greissinger, Health Commissioner, estimated that the case load for gonorrhea at the VD Clinic had almost doubled in the past five years and the case-load of syphilis had doubled in the past year. "We are part of a national epidemic", he stated, and he asked for help from the Society members to man the V.D. Clinic.

Two staunch members of the medical community passed away that month: Dr. Richard Middleton and Dr. Walter B. Turner, father of Dr. John J. "Jake" Turner. Dr. Middleton was a husky, square-jawed, cigar-smoking pediatrician whose favorite prescription for sick kids was an enema. He was loved by everyone.

Dr. Walter Turner was an excellent surgeon from the old school. He was short but very erect and always impeccably dressed. He made rounds with grace and dignity and always with a group of white-coated interns close behind.

New members that month were: Ernest V. Hidvegi, M.D. and Marcio Soares, M.D.

Robert R. Fisher, M.D.

AVAILABLE
Professional Office Suites
In Canfield's Best Location
"THE CENTRE"
Suites Made to Individual Specifications
All Ground Floor With
Ample Parking
MERITS YOUR INQUIRY
Call 758-5747

HAPPY BIRTHDAY

Get your annual check-up • Is it time to renew your driver's license?

February 17
O. A. Turner

February 19
A. Hafiz

February 21
N. B. Salistean

February 22
R. A. Memo
A. Riberi

February 26
J. R. Sofranec
E. M. Thomas

February 27
L. P. Alexander

February 28
J. S. Goldcamp

March 1
L. M. Farolan
N. R. Sarma

March 3
F. C. Lin

March 4
H. L. Queen

March 5
C. C. Albarran

March 6
D. Chung

March 9
A. N. Pannozzo

March 10
R. A. Brown
M. Szauter

March 12
S. F. Petraglia

March 14
J. R. Madison

March 15
N. Afrooz
J. Mersol

CANCER SYMPOSIUM

"Adjuvant Chemotherapy Update" is the title of the Cancer Symposium being held March 10 from 9:00 a.m. through 3:30 p.m. at Stouffer's Inn on the Square in Cleveland. Registration starts at 8:00 a.m.

The purpose of the symposium is to provide an educational update concerning the status of adjuvant chemotherapy for multiple cancers.

For further information and registration blanks, contact Dr. Samuel G. Adornato. Registration deadline is March 3.

CME AT YHA

February 18, 8:00 a.m. Hitchcock Auditorium. William Bunn Memorial Lecture. "Nuclear Imaging and Cardiac Diagnosis" - Richard Leighton, M.D., Medical College of Ohio at Toledo.

March 2, 7:30 a.m. Tod Classroom II. EKG Advanced Course. "Rythms and tachycardias of Ventricular Origin - R. Houston, M.D.

March 4, 8:00 a.m. Hitchcock Auditorium. All-Divisions Visiting Professor. "Antibiotics in Gynecology - Michael Spence, M.D.

March 6, 9:00 a.m. Hitchcock Auditorium. "Breast carcinoma" - Charles Hubay, M.D.

March 11, 8:00 a.m. Hitchcock Auditorium. Quarterly Review. "The Eye in Diabetes" - YHA Opthalmology Service.

March 11, 8:00 a.m. Tod Classroom I. "Kartegener's Syndrome" - Kurt Wegner, M.D.

March 13, 9:00 a.m. Hitchcock Auditorium. Surgical Visiting Professor. "Topic to be Announced" - Eberhard F. Mammen, M.D., Professor of Physiology and Pathology, Wayne State University.

March 16, 7:30 a.m. Tod Classroom II. Advanced EKG Course "Atrial Tachycardia and Abberation" - W. H. Bunn, M.D.

NON-RESIDENT MEMBERS

A. F. Azimpoor, M.D.
E. R. Constantinidi, M.D.
L. M. Farolan, M.D.
B. I. Firestone, M.D.
A. M. Friedman, D.O.
P. B. Giber, M.D.
R. E. Hamlisch, M.D.
Virgil Hart, M.D.
J. R. Hill, M.D.
J. R. Madison, M.D.
Jack Malkoff, M.D.
Ivan Nenadic, M.D.
A. E. Rappoport, M.D.
G. L. River, M.D.
J. A. Rogers, M.D.
A. M. Rosenblum, M.D.
N. B. Salistean, M.D.
S. K. Seth, M.D.
S. E. Tochtenhagen, M.D.
Ian E. Trace, M.D.
L. C. Zeller, M.D.

GOING AWAY?

"CALL ELIZABETH"

792-7986

HOME WATCHING SERVICE
PETS 'N PLANTS
HOURLY — DAILY — MONTHLY RATES
References Exchanged

FOR SALE

50 Wooded Acres

Stream

Sodom-Hutchings Road

Near Tibbitts Wick and The Arms Estates

Very Reasonable

RICHARD M. ROSENBLUM, Realtor 759-2231

THE OXYGEN CONCENTRATOR

Continuous source of O_2 and peace of mind for you and your patients

No more ongoing parade of bulky tanks in and out of the home. No more hassle with guages, valves and potential hazards. No more fear of "running out" before a refill can be delivered. The oxygen concentrator brings continuous or PRN medical grade oxygen to your patient at the touch of a switch as it "manufactures" oxygen from room air, anytime, any place. And it never needs refilling. Prescribed flows and concentrations are dialed in at the control panel. The oxygen concentrator is mobile and can be moved easily from room to room.

Medicare-approved with documentation of appropriate blood gas results. Phone us today for more information.

patient care center

sales & rentals

1821 Belmont Ave., Youngstown, OH 44504 (216) 746-8871

Did You Know . . .

NEW DEVELOPMENT IN ANTIFUNGAL THERAPY

Ketoconazole is a new antifungal agent which is administered orally, which has recently been marketed under the trade name Nizoral by Janssen Pharmaceuticals. Ketoconazole is one of the imadazole family and is closely related to the previously marketed drug Miconazole (Monistat IV). It is effective in vitro against many fungi and there are many studies which are ongoing to evaluate its efficacy in the treatment of fungal diseases in man. At the present time, Ketoconazole is given in a dose of 200 to 400 mg. daily, administered as a single dose, usually with meals. It is well absorbed from the gastrointestinal tract provided the pH is low in the stomach Antacid and Cimetidine may impair absorption. Thus far, the drug appears to be relatively nontoxic with the most common side effects being nausea and vomiting.

Exact data is not yet available in regard to the clinical use of this drug. However, as stated before, many studies are ongoing. From the data that is presently available, Ketoconazole now appears to be the drug of choice in the treatment of chronic mucocutaneous candidiasis and in the treatment of paracoccidioidomycosis. It also appears to be effective in the treatment of many deromatophyte infections. Drug trials are ogoing comparing Ketoconazole to Griseofulvin. Ketoconazole may also be of value in the treatment of mucosal Candida infections, especially Candida esophagitis, which do not respond to the administration of Nystatin. Blastomycosis, noncerebral crytococcosis, histoplasmosis, and coccidioidomycosis may also respond to the administration of Ketoconazole in certain intsances. Aspergillsis and sporotrichosis have not responded well to the administration of Ketoconazole. Any type of central nervous system fungal infections probably should not be treated with Ketoconazole since the drug has poor penetration into the cerebrospinal fluid. There is presently an ongoing drug trial to evaluate the use of Ketoconazole in the treatment of cryptococcal meningitis, which is the most frequently seen central nervous system fungal infection.

Besides the trials already mentioned, future studies will evaluate the use of Ketoconazole in combination with Amphotericin-B and other antifungal agents, as well as the evaluation of Ketoconazole used prophylactically in neutropenic, immunosuppressed patients. Despite the apparent promise of this new oral antifungal agent, any severe, life-threatening, systemic fungal infection, especially aspergillosis, candidiasis, and cryptococcosis, should continue to be treated with Amphotericin-B. Amphotericin-B is still the "gold standard" in most systemic fungal infections and any new drugs must be carefully evaluated with this in mind.

Director, Infectious Disease Service Y.H.A.
Joseph P. Myers, M.D.

BOARDMAN HEARING AID SERVICES

6251 Market Street • Marwood Office Center
Youngstown, Ohio 44512

- **Service Available Six Days Weekly**
- **Trial Fittings**
- **At the Door Parking**

E. R. JONES PHONE: 758-7345 **O. L. CLUSE**

INTRODUCING

SofSpec™

from Welch Allyn

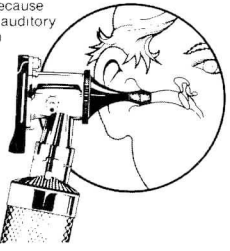
Comfort for him...

The New Soft Tip Specula

The answer to effective pneumoscopy for you, as well as comfort for him, is now a reality with Welch Allyn's new SofSpec™.

SofSpecs provide extra comfort, needed for patient cooperation. Visability of the auditory canal is now improved because the soft tip will compress comfortably against the auditory canal, providing a better angle for examination without loosing seal thus a more efficient pneumatic otoscopy.

SofSpecs are available in three specula sizes, fitting all Welch Allyn otoscopes. They can be cleaned or sterilized by conventional methods.



For additional information on SofSpec Specula, contact your local authorized Welch Allyn distributor.

WELCH ALLYN

When our representative calls on you, ask him for further information or phone: (216) 755-9876

Lyons Physician Supply Co.

704 Youngstown-Poland Rd.
Youngstown, Ohio 44501