

# TEXAS OSTEOPATHIC PHYSICIANS JOURNAL

June 1980



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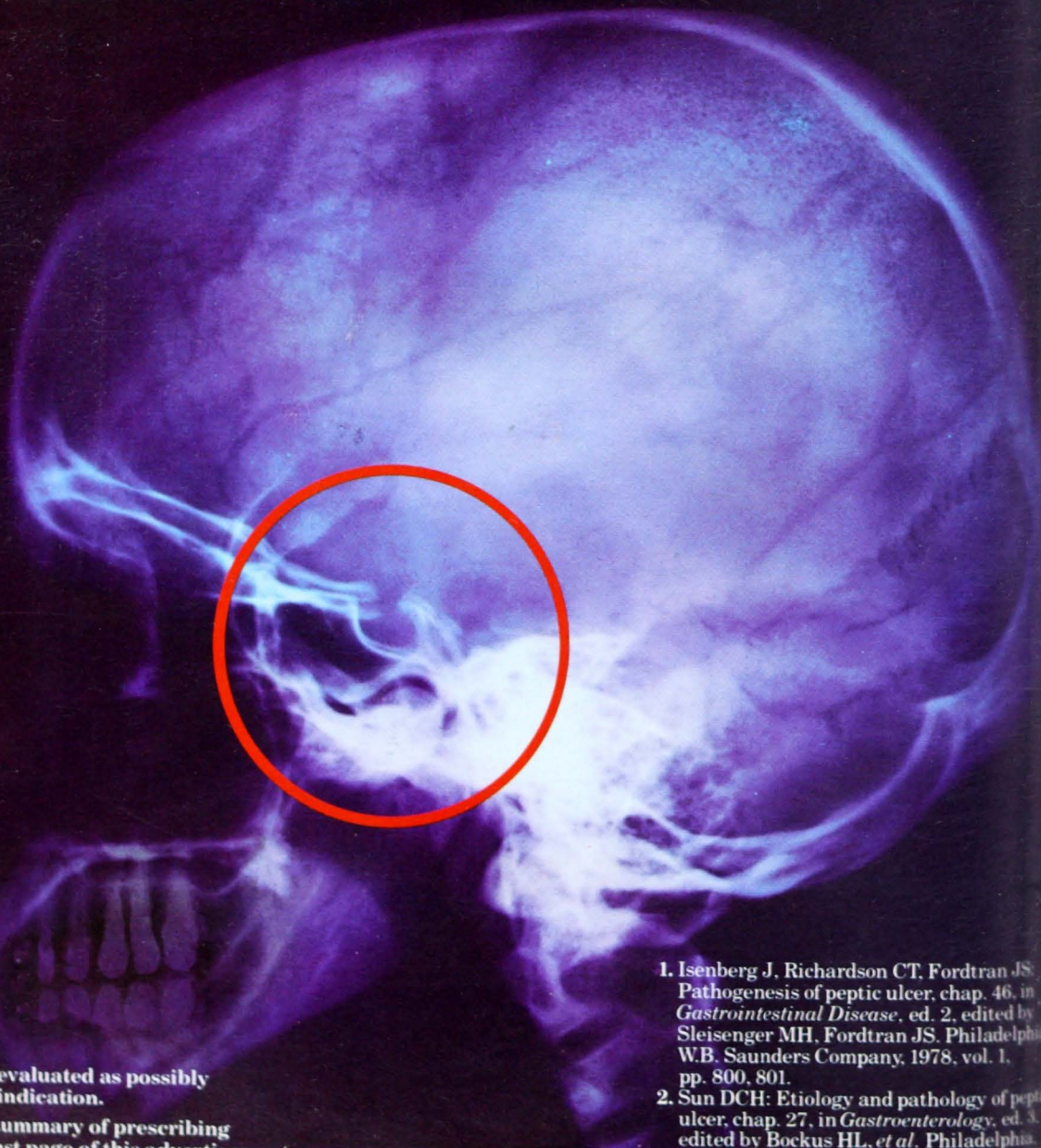
# The stress-secretion relationship in duodenal ulcer\*

The best available evidence suggests that anxiety and emotional tension stimulate acid-pepsin secretion.<sup>1</sup> Also, the development of an ulcer crater in predisposed individuals, or the aggravation of ulcer symptoms, is often typically preceded by a stressful event or situation. *Anxiety* in particular seems to play a determining role in the course and prognosis of the disease, as well as its etiology.

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The pituitary gland plays a key role in the neurohormonal response to emotional stress, leading to an increase in gastric secretion.<sup>2</sup>



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\*Librax has been evaluated as possibly effective for this indication.

Please see brief summary of prescribing information on last page of this advertisement.

1. Isenberg J, Richardson CT, Fordtran JS: Pathogenesis of peptic ulcer, chap. 46, in *Gastrointestinal Disease*, ed. 2, edited by Sleisenger MH, Fordtran JS. Philadelphia: W.B. Saunders Company, 1978, vol. 1, pp. 800, 801.
2. Sun DCH: Etiology and pathology of peptic ulcer, chap. 27, in *Gastroenterology*, ed. 3, edited by Bockus HL, et al. Philadelphia: W.B. Saunders Company, 1974, pp. 579-586.



# TEXAS OSTEOPATHIC PHYSICIANS JOURNAL

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**ON THE COVER:** As osteopathic colleges across the United States graduate their 1980 classes, the total number of D.O.s will rise by 1,059. At Texas College of Osteopathic Medicine 70 graduates received the doctor of osteopathy degree. (Photo by Mike Scott)

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Mr. Tex Roberts, Editor



# Calendar of Events

## june

### 7

*Matter Over Mind: The Pharmacology of Psychoactive Drugs*  
Texas College of Osteopathic Medicine  
Medical Education Building I,  
Room 506  
Fort Worth  
9 a.m. - 4:30 p.m.  
Contact:

Gary Wimbish, Ph.D.  
Camp Bowie at Montgomery  
Fort Worth, Texas 76107  
817-735-2396

### 15

15-18

*Northwest Osteopathic Convention*  
Oregon Osteopathic Association  
& Washington Osteopathic Medical Association  
Sea Tac Red Lion Inn  
Seattle, Washington  
Contact:

Warren Lawless, Executive Director, P. O. Box 16309, Seattle, Washington, 98103  
206-937-5358

### 28

*Problem Based Learning for the Physician: Low Back Pain*  
Texas College of Osteopathic Medicine  
Medical Education Building I  
Fort Worth  
8 CME hours  
Contact:

Nancy Smith, TCOM/CME  
Camp Bowie at Montgomery  
Fort Worth, Texas 76107  
817-735-2538

## 29

29-July 3  
*Annual Convention*  
Georgia Osteopathic Association  
Hyatt Hilton Head  
Hilton Head Island, South Carolina  
Contact:

Ms. Cathy Garris, Executive Director, 2157 Idlewood Road, Suite C, Tucker, Georgia 30084  
404-491-1443

## july

### 4

July 4th

### 9

9-15

*House of Delegates Meeting*  
American Osteopathic Association  
Marriott Hotel  
Philadelphia, Pennsylvania  
Contact:

American Osteopathic Association, 212 E. Ohio Street  
Chicago, Illinois 60611  
800-621-1773

### 16

16-19

*Annual Convention*  
New Mexico Osteopathic Medical Association  
Sweeney Convention Center  
Santa Fe, New Mexico  
Contact:

Saul Bernat, Ph.D., Executive Director, 12517 Prospect NE, Albuquerque, New Mexico  
87112, 505-299-0470

## AUGUST

### 8

8-10

★ *Annual Mid-year Meeting*  
Texas Society, ACGP  
Inn of the Six Flags  
Arlington  
Contact:  
T. Robert Sharp, D.O.,  
Secretary, 4224 Gus  
Thomasson Road, Mesquite,  
Texas 75150, 214-279-2453

### 23

★ *TOMA District VII Meeting*  
General and Family Practice  
Update: Emergency Medicine  
Sponsored by Texas College of Osteopathic Medicine  
Lakeway Inn  
Austin  
8 CME hours  
Contact:  
Nancy Smith, TCOM/CME  
Camp Bowie at Montgomery  
Fort Worth, Texas 76107  
817-735-2538



# New D.O.s Enter Profession Via TCOM

A record number of 71 doctor of osteopathy degrees and one honorary doctor of science degree were conferred during Texas College of Osteopathic Medicine's (TCOM) annual commencement service May 17 at the Tarrant County Convention Center Theater.

Addressing the seventh graduating class was Sen. Bill Meier of Euless, a member of the Texas Legislature and the Senate Education Committee.

Sen. Meier said there is no energy crisis. "Dwindling energy resources and rising energy prices are here to stay. Not only is the energy mess a continuing front page story, it underlies the other major headlines that demand national attention."

"The madness which has engulfed Iran and the effect it is having on American lives is symptomatic—and it is only the beginning. A new world order may well emerge, as energy-starved nations form alliances based on energy availability."

Sen. Meier, a member of the

Texas Legislature since 1973 and president pro tem of the Senate in the last session, spoke to the Class of 1980, at TCOM and elsewhere, as the people who will "sire and raise the first generation of Americans since the technological revolution who will live without a sense of plenty regarding our energy resources."

Receiving the honorary doctor of science degree was J.K.G. Silvey, Ph.D., a biologist who was instrumental in developing a contractual agreement between North Texas State University (NTSU) and TCOM which led to the college of osteopathic medicine becoming a state supported institution under the NTSU Board of Regents.

Upon his retirement in 1977, Dr. Silvey was named distinguished professor emeritus after serving as TCOM's first associate dean of basic health sciences and chairman of NTSU's biological science department. He served as an administrator and faculty member for 42 years.

Dr. Silvey is well known as an expert in the field of limnology (the study of bodies of fresh water) and has worked with such agencies as the Environmental Protection Agency, the National Academy of Sciences and the National Institutes of Health.

Recognized as outstanding graduates were Stephen Derdak, summa cum laude; and Thomas B. Bennett, Dennis N. Breed, Virginia E. Grossman, Richard J. Layman, Gary L. Polk, Larry D. Price, William R. Schindler, Richard Turner and Stephen L. Vinson, all cum laude.

During the senior awards banquet May 16 at Kahler Green Oaks Inn, Stephen Derdak was presented the Upjohn Award for academic excellence and the Outstanding Sen-



*Stephen Meyers, left, and his father Charles L. Meyers, D.O., of Boise, Idaho are the first father-son team to graduate from TCOM.*

ior Award from Sigma Sigma Phi.

Richard Layman was presented the Sandoz Award, also for academic excellence.

Recipients of the T. Robert Sharp, D.O., Award for outstanding devotion to the osteopathic profession were Eric Simmons and Larry Price. The Wayne O. Stockseth Award for outstanding comprehension of osteopathic concepts went to Gerald Brenton. Virginia Grossman was the winner of the Lemmon Pharmacal Co. Award.

During the banquet, the students made several presentations of their own. Recognized by the yearbook were Vernon Hayes, D.O., best clinical science professor; and David Barker, Ph.D., best basic science professor. Mrs. Earlene McElroy, director of admissions, was introduced as having the 1980 yearbook dedicated to her. ^

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Galveston  
David Grant USAF Medical Center  
Travis AFB, California

**Bryan Ludgate Beck**  
Beaumont  
Osteopathic Hospital of Maine  
Portland, Maine

**Melody Faith Murphey Bellinghausen**  
Levelland  
Grand Prairie Community Hospital

**Thomas Benton Bennett**  
Alvin  
Phoenix General Hospital  
Phoenix, Arizona

**Larry Ray Birdwell**  
Weatherford  
University of Florida  
Jacksonville, Florida

**Kendrick D. Blais**  
Fort Worth  
Garden City Hospital  
Garden City, Michigan

**Elizabeth Corich Bradshaw**  
Irving  
USAF Medical Center  
Travis AFB, California

**Dale Howard Brancel**  
San Angelo  
Grandview Hospital  
Dayton, Ohio

**Dennis N. Breed**  
Granbury  
USAF Regional Medical Center  
Carswell AFB, Fort Worth

**Alfred Frank Brem**  
West  
Wilford Hall USAF Medical Center  
Lackland, AFB, San Antonio

**John Frederick Brenner**  
Sewickley, Pennsylvania  
Fort Worth Osteopathic Hospital

**Gerald Edward Brenton**  
Fort Worth  
USAF Medical Center  
Scott AFB, Illinois

**H. Bradley Burns**  
Groves  
Hillcrest Hospital  
Oklahoma City, Oklahoma

**James Donald Caddell**  
Dallas  
Dallas Osteopathic Hospital

**Jack Bernard Cohen**  
Cedarhurst, New York  
John F. Kennedy Memorial Hospital  
Stratford, New Jersey

**Michael E. Cooke**  
Fort Worth  
Martin Army Hospital  
Fort Benning, Georgia

**Morris Creedon-McVean**  
Fort Worth  
Waldo General Hospital  
Seattle, Washington

**Stephen Derdak**  
Austin  
Wilford Hall USAF Medical Center  
Lackland AFB, San Antonio

**Gilberto Diaz**  
Edinburg  
(No Internship Assigned)

**Dralves Gene Edwards**  
Tatum  
Doctor's Hospital  
Columbus, Ohio

**Daniel L. Farmer**  
Ottawa, Illinois  
Grand Prairie Community Hospital

**Daniel Lee Foster**  
Midland  
Grandview Hospital  
Dayton, Ohio

**W. Michael Gaynier**  
Dallas  
Fort Worth Osteopathic Hospital

**Charles Kenneth Gordon**  
Richardson  
Tripler Army Medical Center  
Honolulu, Hawaii

**Dennis Neill Graham**  
Lubbock  
Carswell AFB, Fort Worth

**Kevin Thomas Grieder**  
Fort Worth  
Hurst General Hospital

**Marion Allen Groff, III**  
Pilot Point  
Grand Prairie Community Hospital

**Virginia Elizabeth Grossman**  
Hudson, New York  
Stevens Park Osteopathic Hospital  
Dallas

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Irving  
Oklahoma Osteopathic Hospital  
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Portland, Oregon

**Robert Clark Henderson, II**  
Perryton  
Amarillo Regional Health Center

**Scott James Hopkins**  
Fort Worth  
Jacksonville General Hospital  
Jacksonville, Florida

**Thomas Alan Hyatt**  
Provo, Utah  
Naval Regional Medical Center  
Long Beach, California

**John William Jermyn, III**  
Fort Worth  
Normandy Osteopathic Hospital  
St. Louis, Missouri

**Dana Knight Johnson**  
Dallas  
Phoenix General Hospital  
Phoenix, Arizona



# s of 1980

**Frank Charles Kretsinger**  
Fort Worth  
Malcolm Grow Medical Center  
Andrews AFB, Washington, D.C.

**Joseph Lawrence LaManna, III**  
Dallas  
Cherry Hill Medical Center  
Cherry Hill, New Jersey

**Richard J. Layman**  
Hutchinson, Kansas  
USAF Medical Center  
Scott AFB, Illinois

**Melinda Ligon**  
Lubbock  
Normandy Osteopathic Hospital  
St. Louis, Missouri

**Jacqueline S. Livingston**  
San Marcos  
(No Internship Assigned)

**Gregg Cary Lund**  
Miami, Florida  
Children's Hospital Medical Center  
University of Cincinnati, Ohio

**Melissa Ann Martin**  
Fort Worth  
Oklahoma Osteopathic Hospital  
Tulsa, Oklahoma

**William Joseph Meiser**  
Dallas  
Corpus Christi Osteopathic Hospital

**Stephen Allen Meyers**  
Mc Kinney  
Naval Regional Medical Center  
Oakland, California

**Ingrid Elizabeth Muijsson-Arnold**  
Rotterdam, Holland  
Dallas Osteopathic Hospital

**Eddie Lee Nixon**  
Colorado City  
Jacksonville General Hospital  
Jacksonville, Florida

**Jerry Bryan Owen**  
Bellaire  
Wilford Hall Medical Center  
Lackland AFB, San Antonio

**David Bruce Partridge**  
Fort Worth  
Hurst General Hospital

**Gary L. Polk**  
Weatherford  
Jacksonville General Hospital  
Jacksonville, Florida

**Larry Dean Price**  
Granbury  
Fort Worth Osteopathic Hospital

**Oscar Michael Reichert**  
New Baden  
Grand Prairie Community Hospital

**Billy Raymond Ringer, Jr.**  
Houston  
Hurst General Hospital

**Christine Maura Schultz Schindler**  
Tempe, Arizona  
Naval Regional Medical Center  
Oakland, California

**William Ronald Schindler**  
Corpus Christi  
Naval Regional Medical Center  
Oakland, California

**Eric Alfred Simmons**  
Fort Worth  
Grand Prairie Community Hospital

**V. O. Speights, Jr.**  
Centerville  
Botsford General Hospital  
Farmington Hills, Michigan

**Peter Jens Skarbovig, Jr.**  
Humble  
Amarillo Regional Health Center

**Robert Keck Stahlman, II**  
Kaufman  
Baptist Medical Center  
Brooklyn, New York

**Maryanne McIntyre Stoeppler**  
Irving  
(Delayed Internship)

**Raymond Russell Thomas, Jr.**  
Eagle Lake  
Southwest Memorial Hospital  
Houston

**Richard Turner**  
San Antonio  
University of Louisville  
Louisville, Kentucky

**Anna Marie Harkins Vasek**  
Dallas  
Dallas Osteopathic Hospital

**Stephen Lowry Vinson**  
Fort Worth  
Fort Worth Osteopathic Hospital

**Ralph Perry Wallace**  
Temple  
Fort Worth Osteopathic Hospital

**William Edward Wallace**  
Clarksville  
Oklahoma Osteopathic Hospital  
Tulsa, Oklahoma

**Mark Stephen White**  
La Porte  
Rocky Mountain Osteopathic Hospital  
Denver, Colorado

**Paul Stephen Worrell**  
Dallas  
Dallas Osteopathic Hospital

**John Allen Wray**  
Abilene  
Amarillo Regional Health Center

**David Lynn Wright**  
Plainview  
William Beaumont Army Medical Center  
El Paso

**James Gerald Sanders, Jr.**  
Nacogdoches  
(Awarded Posthumously)





Members of the TCOM Class of 1980 are from left, bottom row: Bryan Beck, Stephen Vinson, Daniel Foster, William Wallace, Fred Brenner, Gary Polk, Allen Groff, Robert Stahlman, Anna Vasek, Jerry Owen, Gilberto Diaz, V. O. Speights, Joseph LaManna, Billy Ringer, Mark White, Melinda Ligon, Bill Jermyn, Ingrid Muijsson-Arnold, Brad Burns, David Haman, Richard Layman; second row: Dennis Graham, Daniel Farmer, Morris Creedon-McVean, Thomas Hyatt, Melody Bellinghausen, Jack Cohen, Walter Hardin, Christine Schindler, Michael Adamo, Maryanne Stoeppler, Robert Henderson, Virginia Grossman, Frank Brem, Frank Kretsinger, Gregg Lund, Scott

Hopkins; third row: Frank Adams, James Caddell, Stephen Derdak, Dennis Breed, Kenneth Gordon, John Wray, William Meiser, Larry Price, Gerald Brenton, Dralves Edwards, William Schindler, Steve Worrell, Russell Thomas, Michael Gaynier, Perry Wallace; top row: David Wright, Thomas Bennett, Dana Johnson, Dale Brancel, Richard Turner, Michael Cooke, Elizabeth Bradshaw, Jens Skarbovig, Eddie Nixon, Michael Reichert, Melissa Martin, Stephen Meyers, Ken Blais, Kevin Grieder, David Partridge, Eric Simmons and Larry Birdwell.



# 1980 CME Tour Beckons TOMA Members

Are you interested in how medicine is practiced in foreign countries? If so, make plans now to join TOMA's 1980 continuing medical education tour to Morocco and visit the Moroccan medical school, hospitals and clinics.

Departure for the 12-day trip will be September 30 from Dallas/Fort Worth Regional Airport with the return on October 11. Cost will be \$1,249 per person and will include round trip air fare from D/FW, land transportation in Morocco, hotel, two meals a day, sightseeing, professional visits, portage of two standard size suitcases, service charges, tips and taxes.

Cities included on the itinerary are Casablanca, Tangier and Marrakech.

Arrangements for the second annual overseas tour are being made by Orbit International Travel, Ltd. in Dallas.

Morocco's minister of health has sent word through Mrs. Rae Martin of Orbit International that he is "happy to have American doctors come to Morocco and will make them welcome."

During a recent trip to the north African country, Mrs. Martin personally met with the minister of health and the hospital administrators of the various institutions

to be visited.

In addition to touring the medical facilities and visiting with the foreign doctors, tour members will be treated to sightseeing excursions in each of the three cities.

Don't miss this opportunity to learn about your foreign counterparts and to see an exciting and colorful part of the world.

As of press time, five reservations have been received at Orbit International. The tour is open to all TOMA members, family and friends. Clip the reservations coupon from the advertisement found in this issue of the *Journal* and make your reservation today! ^



lining the streets of Tangier, a Moroccan coastal city, are tall flowing palm trees. Tangier is one of three major cities the TOMA tour will visit.



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# Regents Approve New TCOM Department

A formal department of emergency medicine for Texas College of Osteopathic Medicine moved one step closer to reality in late April when the North Texas State University Board of Regents approved the program. The request now will be submitted to the Coordinating Board, Texas College and University System.

A division of emergency medicine, with four fulltime faculty physicians and headed by James Grate, D.O., has been operating under the TCOM department of general and family practice for the last year. A fifth faculty member

will be added this summer.

"Formation of a department is the first step in getting a residency program in emergency medicine," Dr. Grate said. Emergency medicine will be compulsory training for TCOM students, beginning with the fall third-year class.

Land purchases and the budget for a new building were also approved by the NTSU board, TCOM's governing body.

Nine parcels of land near the current campus at Camp Bowie Boulevard and Montgomery Street will be purchased for \$964,200 to provide space for future building projects.

A budget of \$15.5 million was okayed for construction of Medical Education Building II, a six-story home for the basic sciences. TCOM Dean Ralph Willard, D.O., told the board that construction of that building could begin as early as this fall. Its projected completion date is August 1983.

The board also approved affiliation agreements with Hurst General Hospital and Stevens Park Osteopathic Hospital, which will allow their use as teaching hospitals for TCOM students. TCOM currently has such agreements with eight other hospitals. ^

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#### RADIOLOGY

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Phone: 817-561-3771



# District Communiqués

By H. George Grainger, D.O.  
District III

Early in May Dr. Earle and Mavern Kinzie decided to throw a little party at their Lindale home for a select few of their more influential friends. And did they come! One hundred fifty of them — bankers, politicians, candidates, educators and doctors came from everywhere to partake of their punch and cookies. Airplanes came in, one landing the Governor and his lady. Another landed, with TCOM veep Dr. Ralph Willard disembarking.

After partaking of the Kinzie hospitality, they all went across the street and joined in the celebration of the grand opening of a fried chicken emporium in front of which the Governor cut the proverbial ribbon.

The fried chicken establishment,

by the way, is owned by a Lubbock dentist, erstwhile mayor of the town, a previous gubernatorial candidate who is a protege of Dr. Kinzie, a real good friend of the Governor and a Lindale native. Who's he? He is Jim Granberry, and that's the name of the fried chicken place, "Who's he?"

\*\*\*\*\*

Tyler's Doctors Memorial is fielding a ladies softball team. So far, they have won one game (15-1, I think it was) and lost three by similar close scores. Dr. Don Lash is coach and manager. They call themselves imaginatively, "Doctors Memorial Softball Team." Month-by-month during the season we will, of course, continue to keep you informed.

\*\*\*\*\*

Dr. Bruce Petermeyer, Tyler internist, was appointed by Governor Clements as a member of the state Department of Health's Hypertension Advisory Committee. Dr. Petermeyer represents the osteopathic profession on the committee.

\*\*\*\*\*

Blood flowed freely on the grounds of Doctors Memorial Hospital one day late April when 29 staff members and personnel each gave a pint of their life's blood to the W. E. Stewart Blood Bank. It was a fair exchange. Doctors Memorial calls on the blood bank regularly enough and they never refuse as long as they have the type of blood we need. ^

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## IN MEMORIAM

### Mrs. E. Lane Bowden

Mrs. E. Lane Bowden, Jr., wife of E. Lane Bowden, D.O., of Lockhart, died May 4 at Seton Hospital in Austin.

Funeral services for Mrs. Bowden were held May 7 at the First United Methodist Church with burial at Lockhart Cemetery.

Mrs. Bowden was a 1947 graduate of Lockhart High School. She was graduated from The University of Texas at Austin in 1951 with a degree in journalism and English.

Prior to her marriage in Decem-

ber, 1956, Mrs. Bowden was a reporter for the *Corpus Christi Caller Times* and the UT Austin news service.

She was an active member of the First United Methodist Church and was a member of Phi Beta Kappa.

Survivors include her husband; two sons, Bob Bowden and Kyle Bowden, both of Lockhart; two daughters, Betsy Bowden and Robin Bowden, both of Lockhart and one brother, John Cardwell of Lockhart. ^



# TOMA New Members

*The following physicians have been approved for membership by the TOMA Board of Trustees.*



**Kyle T. Demler, D.O.**  
1430 N. MacArthur Blvd., Suite 104  
Irving  
TCOM '78; GP



**Donald L. Eakin, D.O.**  
3310 Medical Triangle Dr.  
Port Arthur  
KC '53; I\*; SM

**Kenneth Fults, D.O.**  
10220 Memorial Dr., No. 70  
Houston  
KC '68; GP; DNB



**James T. Hawa, D.O.**  
113 Sproles Dr.  
Benbrook  
TCOM '77; GP



**John G. Kmetz, D.O.**  
Camp Bowie at Montgomery  
Fort Worth  
COMS '75; GP; CF



**James Mark Kranz, D.O.**  
10814 Stone Canyon Rd., No. 3150  
Dallas  
COMS '77; RES-I



**Alan Levine, D.O.**  
3600-B West 7th St.  
Fort Worth  
PCOM '73; PD; CF



**Robert R. Migliorino, D.O.**  
P. O. Box 5661  
3415 N. E. 24th  
Amarillo  
KCOM '71; GP



**Robert J. Nelson, D.O.**  
5315 Everhart, Suite 5  
Corpus Christi  
KCOM '52; C-OBGS



# ACADEMIA

## News From The Colleges



Kenneth C. Ponitz, D.O.  
3603 W. 7th St.  
Fort Worth  
TCOM '76; ANES

Donnie L. Rinker, D.O.  
6009 University  
Lubbock  
TCOM '78; GP



Thomas J. Trese, D.O.  
513 Mattison Ave.  
Fort Worth  
ISU-COM '75; N; CF

### COMS

Dale Dodson, D.O., president of the American Osteopathic Association, will deliver the commencement address at the graduation exercises of the College of Osteopathic Medicine and Surgery (COMS) on June 6. Dr. Dodson will also be the recipient of an honorary doctor of science degree at the ceremony.

The College will award the doctor of osteopathy degree to 173 students at the ceremony, according to J. Leonard Azneer, Ph.D., president of the College.

\*\*\*\*\*

Groundbreaking Ceremonies for the \$8 million construction project at COMS were held April 21.

According to college officials, the construction project will add 82,000 square feet to the available teaching space at the institution and will include remodeling of existing facilities. "Obviously, both the construction and the influx of additional students will have a marked effect upon the community economy, both during the building process and in ensuing years as the college student population is increased," said J. Leonard Azneer, Ph.D., COMS president.

### PCOM

Hale T. Peffall, Jr., of Erdenheim, Pennsylvania, has been appointed executive director of alumni relations at Philadelphia College of Osteopathic Medicine (PCOM). The announcement was made by Dr. Thomas M. Rowland, Jr., president.

Peffall has been associated with the college for the past four years,

two years as assistant to the dean and two years as assistant director of admissions. He is a graduate of Philadelphia College of Textiles and Science, and holds a B.S. degree in marketing management.

### TCOM

The T. J. Brown & C. A. Lupton Foundation Inc. has awarded a gift of \$10,000 to Texas College of Osteopathic Medicine (TCOM).

"Our very sincere appreciation goes to the foundation for its support of educational programs at TCOM," said Ralph L. Willard, D.O., vice president for medical affairs and dean. "The gift will be placed in a designated account and used to support programs for the benefit of the students of TCOM."

\*\*\*\*\*

Mrs. Marguarite Peterson of Wichita Falls has donated 105 volumes of older medical works from the library of her late husband, R. H. Peterson, D.O., to the TCOM library.

Also included in Mrs. Peterson's gift were the doctor's original black bag, which contained medications and instruments, and an old treatment chair.

The library also is the beneficiary of a number of journals and audiovisuals given by Charles H. Wheeler, D.O., of Fort Worth and his family in memory of his father, Francis S. Wheeler, D.O., who was on the staff of Fort Worth Osteopathic Hospital for 22 years before his death August 4, 1979. ^



# Texas Ticker Tape

## DR. GARMON ELECTED TO OFFICE

Anesia Garmon, D.O., of Weatherford has been elected secretary-treasurer of the medical staff of Campbell Memorial Hospital in Weatherford. She is a 1973 graduate of KCOM.

## KCOM ALUMNI ELECT OFFICERS

Carl Sohns, D.O., of Cross Plains has been elected president of the Texas chapter of the Kirksville College of Osteopathic Medicine Alumni Association. Elected to serve with him are Ralph Cunningham, D.O., of Houston, vice-president; and Catherine Carlton, D.O., of Fort Worth, secretary.

## HEALTH, EXERCISE LINKED

Exercise, even if relatively mild, apparently helps the blood destroy dangerous clots, according to a study reported in the *New England Journal of Medicine*. A study done at Duke University Medical Center found a dramatic increase in the release of proteins that attack blood clots when people are in good physical shape.

## BC-BS BEGINS EXPERIMENTAL PROGRAM

Blue Cross-Blue Shield wants to pay hospitals to keep people out of their beds and to provide more efficient and effective care. The five-year experimental plan proposes to give selected hospitals a lump sum for each BC-BS subscriber signing up with them. Payment would be made a year in advance. By helping subscribers stay well through health education, by providing less costly outpatient services and one-day surgery when necessary, hospitals could keep the total health expenditures down. The financial incentive: a hospital keeping operating costs at less than the bundle received a year in advance could pocket the difference.

## FWOH PLANS MUSICAL BENEFIT

Mrs. J. Thomas O'Shea of Fort Worth and general chairman of Fort Worth Osteopathic Hospital's 1980 High Fever Production notes that the musical revue will be June 26-28 at the Scott Theater. Proceeds from the program will be used to purchase patient care equipment.

## DOCTORS RUN IN MARATHON

Wendell V. Gabier, D.O., and Mark Baker, D.O., both of Groves, recently participated in the prestigious Boston Marathon and attended a CME clinic in conjunction with the run. Drs. Gabier and Baker finished about one-and-a-half hours behind the winner.

## CALEB BELOVE ISSUES CAUTION

Caleb Belove, recently retired president of Professional Mutual Insurance Company, urges physicians to be cautious of new malpractice companies which offer reduced premiums. He says that claim frequency, size of awards and inflationary trends all signal greater future claim experience. Common sense indicates the need for increased future premiums.



# Texas Ticker Tape

## AOA "DEEMED" STATUS RESTORED BY HCFA

The regulation reinstating AOA-approved hospitals "deemed" status under Medicare has been signed. The Health Care Finance Administration (HCFA) had ruled that AOA hospital accreditation standards were not equivalent to the agency's new laboratory standards, thereby causing the loss of deemed status. The reinstatement regulations appeared in the March 31 *Federal Register*.

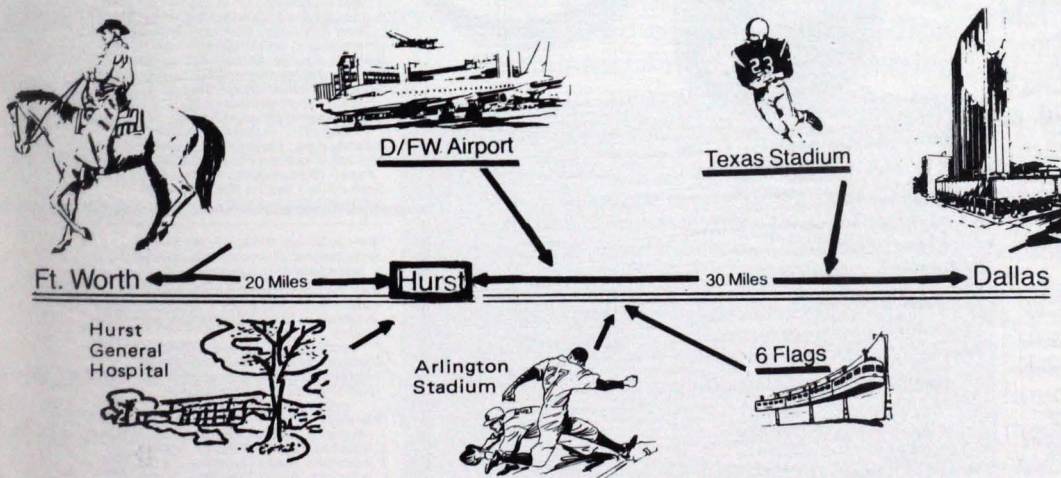
## CALIFORNIA PLAN RULED ILLEGAL

According to Jeff Heatherington, executive director of the Oregon Osteopathic Association, the California Board of Medical Quality Assurance has withdrawn its plan to grant M.D. licenses to D.O.s following an Attorney General opinion that the plan would be illegal. Governor Jerry Brown was prepared to oppose the Medical Board's plan in court.

## HOSPITAL ADMISSION TESTING

Hospital admission testing will not be paid under Medicare unless the tests are specifically ordered by the attending physicians for the specific patient; the tests are medically appropriate for the admitting diagnosis; and the tests do not duplicate tests made on an outpatient basis prior to admission or during a recent confinement in the same hospital. The newly published Medicare rules did not define "recent."

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Mr. John Miller, Executive Director, Hurst General Hospital, 837 Brown Trail, Hurst, Texas 76053: 817-268-3762



# An added complication... in the treatment of bacterial bronchitis\*



## Brief Summary. Consult the package literature for prescribing information.

**Indications and Usage:** Cefclor® (cefclor, Lilly) is indicated in the treatment of the following infections when caused by susceptible strains of the designated microorganisms:

*Lower respiratory infections, including pneumonia caused by Streptococcus pneumoniae (Diplococcus pneumoniae), Haemophilus influenzae, and S. pyogenes (group A beta-hemolytic streptococci).* Appropriate culture and susceptibility studies should be performed to determine susceptibility of the causative organism to Cefclor.

**Contraindication:** Cefclor is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

**Warnings:** IN PENICILLIN-SENSITIVE PATIENTS, CEPHALOSPORIN ANTIBIOTICS SHOULD BE ADMINISTERED CAUTIOUSLY. THERE IS CLINICAL AND LABORATORY EVIDENCE OF PARTIAL CROSS-ALLERGENICITY OF THE PENICILLINS AND THE CEPHALOSPORINS. AND THERE ARE INSTANCES IN WHICH PATIENTS HAVE HAD REACTIONS TO BOTH DRUG CLASSES (INCLUDING ANAPHYLAXIS AFTER PARENTERAL USE).

Antibiotics, including Cefclor, should be administered cautiously to any patient who has demonstrated some form of allergy, particularly to drugs.

**Precautions:** If an allergic reaction to cefclor occurs, the drug should be discontinued, and, if necessary, the patient should be treated with appropriate agents, e.g., pressor amines, antihistamines, or corticosteroids.

Prolonged use of cefclor may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Positive direct Coombs tests have been reported during treatment with the cephalosporin antibiotics. In hematologic studies or in transfusion cross-matching procedures when antiglobulin tests are performed on the minor side or in Coombs testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs test may be due to the drug.

Cefclor should be administered with caution in the presence of markedly impaired renal function. Under such a condition, careful clinical observation and laboratory studies should be made because safe dosage may be lower than that usually recommended.

**Usage in Pregnancy:** Although no teratogenic or antifertility effects were seen in reproduction studies in mice and rats receiving up to 12 times the maximum human dose or in fetuses given three times the maximum human dose, the safety of this drug for use in human pregnancy has not been established. The benefits of the drug in pregnant women should be weighed against a possible risk to the fetus.

**Usage in Infancy:** Safety of this product for use in infants less than one month of age has not been established.

## Some ampicillin-resistant strains of *Haemophilus influenzae*—a recognized complication of bacterial bronchitis\*—are sensitive to treatment with Cefclor.<sup>1-6</sup>

In clinical trials, patients with bacterial bronchitis due to susceptible strains of *Streptococcus pneumoniae*, *H. influenzae*, *S. pyogenes* (group A beta-hemolytic streptococci), or multiple organisms achieved a satisfactory clinical response with Cefclor.<sup>7</sup>

# Cefclor®

## cefclor

Pulvules®, 250 and 500 mg

**Adverse Reactions:** In clinical studies in 1493 patients, adverse effects considered related to cefclor therapy were uncommon and are listed below.

**Gastrointestinal symptoms** occurred in about 2.5 percent of patients and included diarrhea (1 in 70) and nausea and vomiting (1 in 90).

**Hypersensitivity reactions** were reported in about 1.5 percent of patients and included morbilliform eruptions (1 in 100). Pruritus, urticaria, and positive Coombs tests each occurred in less than 1 in 200 patients.

**Other effects** considered related to therapy included eosinophilia (1 in 50 patients) and genital pruritus or vaginitis (less than 1 in 100 patients).

**Causal Relationship Uncertain—Transient abnormalities** in clinical laboratory tests results have been reported. Although they were of uncertain etiology, they are listed below to serve as alerting information for the physician.

**Hepatic:** Slight elevations in SGOT, SGPT, or alkaline phosphatase values (1 in 40).

**Hematopoietic:** Transient fluctuations in leukocyte count, predominantly lymphocytosis occurring in infants and young children (1 in 40).

**Renal:** Slight elevations in BUN or serum creatinine (less than 1 in 500) or abnormal urinalysis (less than 1 in 200). [070379\*]

\*Many authorities attribute acute infectious exacerbation of chronic bronchitis to either *S. pneumoniae* or *H. influenzae*.

**Note:** Cefclor® (cefclor) is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

## References

1. Antimicrob. Agents Chemother., 8: 91, 1975.
2. Antimicrob. Agents Chemother., 11: 470, 1977.
3. Antimicrob. Agents Chemother., 13: 584, 1978.
4. Antimicrob. Agents Chemother., 12: 490, 1977.
5. Current Chemotherapy (edited by W. Siegenthaler and R. Luthy), II: 880. Washington, D.C.: American Society for Microbiology, 1978.
6. Antimicrob. Agents Chemother., 13: 861, 1978.
7. Data on file, Eli Lilly and Company.
8. Principles and Practice of Infectious Diseases (edited by G.L. Mandell, R.G. Douglas, Jr., and J.E. Bennett), p. 487. New York: John Wiley & Sons, 1979.



Additional information available to the profession on request from Eli Lilly and Company, Indianapolis, Indiana 46285. Eli Lilly Industries, Inc. Carolina, Puerto Rico 00630

000482



# New D.O. College Set for Florida

## Seminar Scheduled June 28

North Miami Beach, Florida will become home for the country's newest college of osteopathic medicine, Southeastern College of Osteopathic Medicine (SECOM).

President of the nation's 15th college will be Morton Terry, D.O., of Miami, with Arnold Melnick, D.O., a Philadelphia pediatrician, serving as dean.

According to Dr. Terry, the establishment of an osteopathic school has been a high priority in Florida for about ten years. He said the new school will serve the entire southeastern area of the country. "Liaison will be established with the nearby states and we anticipate that the college will serve as an educational focus for osteopathic medicine in the South," Dr. Terry said.

Plans are now being formulated, according to Dr. Terry, to construct up-to-date physical facilities for a

medical school of the highest quality.

Teaching hospital for the new college will be Osteopathic General Hospital (OGH). Osteopathic General was recently sold to American Medical International with the agreement that it maintain its teaching status and be a teaching hospital for SECOM.

Current plans are to admit the first class of 36 students in September, 1981.

A leader in Florida osteopathic circles, Dr. Terry is a certified internist and chairman of the department of internal medicine at OGH. He is a past president of the Florida Osteopathic Medical Association and chairman of the State Board of Osteopathic Medical Examiners. In addition to serving OGH in several capacities, he has been chief of staff and chairman of the Board of Directors.

Dr. Melnick will assume his new position with SECOM on July 1. He is an associate pediatrician at Children's Hospital of Philadelphia and a consultant to Cherry Hill (New Jersey) Hospital and Medical Center.

He is a diplomate of the American Osteopathic Board of Pediatrics and chairman of that Board. He has served as president of numerous organizations including the American College of Osteopathic Pediatricians, Pennsylvania Osteopathic Medical Association, Association of Osteopathic Publications and the American Medical Writers Association. ^

An all-day seminar on low-back pain will be offered to physicians by Texas College of Osteopathic Medicine June 28.

"This complaint (low back pain) has traditionally been a difficult one to diagnose and treat because the pain can arise from a number of widely divergent causes," said Richard Baldwin, D.O., TCOM assistant dean of clinical affairs and seminar chairman. "Our program will include an extensive review of the probable causes and exacerbations of low back pain."

"Problem-Based Learning for the Physician: Low Back Pain" will run from 9 a.m. to 5 p.m. in Room 406 of TCOM's Medical Education Building I, Camp Bowie at Montgomery.

Talks by TCOM faculty will cover low back pain and depression, as well as the neurologic, surgical/urologic, structural and obstetric/gynecologic aspects of the ailment. The afternoon will be devoted to a complete patient simulation.

The program has been submitted for approval by the American Osteopathic Association for eight hours of Category I credit. It also meets the criteria for eight hours' credit in Category 2 of the Physician's Recognition Award of the American Medical Association.

Registration fee is \$50 for physicians, \$20 for interns, residents and allied health professionals and \$5 for medical students.

Contact Nancy Smith, Office of Continuing Medical Education, TCOM, 735-2539, for more information. ^

### ANESTHESIOLOGY RESIDENCIES

*Texas College of Osteopathic Medicine  
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# Governor Issues Proclamation; FW Mayor Does Same

June 1-7 has been designated National Osteopathic Medicine Week and in Texas Gov. William P. Clements has proclaimed the special week Osteopathic Medicine Week.

In addition to the statewide recognition, Woodie Woods, mayor of Fort Worth, has issued a similar proclamation for his city.

The specially designated week is recognizing and honoring America's fastest growing area of medicine.

Throughout Texas various osteopathic facilities are celebrating the special week.

East Town Osteopathic Hospital (ETOH) in Dallas is sponsoring an open house and health fair June 1 from 1-6 p.m. for the community. In addition, the hospital is having special luncheons during the week and members of the ETOH medical staff will be special guests on various Dallas radio programs.

Doctors Hospital (DH) in Groves is placing NOM Week cards on all patient trays and providing informational flyers for doctors to use in their offices. In cooperation with TOMA District XII, the hospital is placing advertisements in several area newspapers about NOM Week.

Corpus Christi Osteopathic Hospital (CCOH) is notifying the local news media about NOM Week and is working to have local D.O.s serve as guests on various television talk shows. Prior to press time, CCOH

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## National Osteopathic Medicine Week

JUNE 1-7, 1980

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Administrator John Hawkins said he hopes Corpus Christi's mayor will issue a proclamation naming June 1-7 as Osteopathic Medicine Week in Corpus Christi.

Fort Worth Osteopathic Hospital (FWOH) will observe NOM Week by calling attention to the special event in its daily patient newsletter and in the employee and medical staff newsletters. The FWOH Guild will provide tray favors during the week for hospital patients and TOMA's general information brochure *Osteopathic Medicine Today* will be made available at the information desk for all hospital visitors.

Texas College of Osteopathic Medicine (TCOM) will distribute its newly published goals statement during NOM Week. The statement is titled "Design of the Medical Curriculum in Relation to the Health Needs of the Nation: A Statement on the Educational Goals of Texas College of Osteopathic Medicine."

Prior to NOM Week, the TOMA office distributed over 100 specially prepared packets for the Texas news media. These were distributed through the help of the Auxiliary to TOMA. A



# ATOMA News

By Mrs. J. Thomas O'Shea  
ATOMA News Chairman

By popular demand I am reprinting the following information for your use. Originally published in the July 1979 *Journal*, this will help you know how to deal more effectively with the news media should the need arise.

Your ATOMA Board would like to encourage all members to be alert to newspaper, magazine, TV and radio presentations that give incorrect or misleading information about osteopathic physicians or the osteopathic profession.

It is the feeling of the Board that when any inaccuracies occur, individual ATOMA members should write letters to the source involved and provide the correct information.

Now, for a few hints in writing your letters. Try to be brief, be pleasant and be factual. Following is a letter that could be used as a sample. Feel free to tell the person you are writing to contact either yourself or the TOMA office at 512 Bailey Avenue, Fort Worth, Texas 76107 for further information on the osteopathic profession.

Date  
Your address

Heading (Such as newspaper, book, magazine, TV or radio station)

Address

Dear Sir:

In your article (insert name of article) of the (insert date of article)

there occurs a statement that needs (insert either "correction" or "clarification"). The article states (insert the statement, enclosing it in quotation marks).

According to information available from the American Osteopathic Association, 212 E. Ohio Street, Chicago, Illinois 60611, (insert correct information).

For more information on the osteopathic profession, I suggest you contact Mr. Tex Roberts, executive director, Texas Osteopathic Medical Association, 512 Bailey Avenue, Fort Worth, Texas 76107.

I enjoy and appreciate your fine (newspaper, magazine, broadcast, etc.).

Yours truly,  
Your name

By Mrs. Robert Ling  
District VI

All of you who missed our State Convention really passed up one fine time. It was so great seeing all those people who practice medicine all across the state, whom you only get to visit with once a year. As you know, the Mercedes was won by someone other than myself. I am thrilled for her, but my goodness, there ought to be a law against a Yankee winning something so beautiful. The lucky party is Nancy Depfer, who is a director on the Board of AOA. She resides in Wilmington, Delaware. Hope she had a good ride home.

Bob said that this year's convention had some of the finest lectures he has attended in a long time. I especially enjoyed the Auxiliary Board meeting and the Installation Luncheon when it was announced that our District had won first prize for scrapbook. All the credit goes to Lois Campbell and her family, for that was their group project. Of

course, we all attended the Masters and Johnson lecture on Saturday and found Dr. Masters to be thoroughly delightful and very interesting. We are looking forward to next year in El Paso. You all try to come.

\*\*\*\*\*

We had our Installation Luncheon at the Junior League and the following are our officers for 1980-81: Virginia Ling, president; Mary Jane Platt, vice-president; Marilyn Mohny, secretary; and Betty Rogers, treasurer. I met with some of my board and our committees are being filled, so this looks like a good year to me. Linda Armbruster handled the installation and as usual, did a tremendous job. Is it just me or does it seem that we always have a good time when we women of District VI get together?

\*\*\*\*\*

Talked to Lois Mitten and she said that daughter Marva is going to be an Aggie as of September. Daughter Kathy is to transfer from U of H to be an Aggie, also. These two gals are going to be on the University's swim team. Well, we graduated another one from A&M last month. This makes number three. I just mailed off an application for a dorm room for daughter number four. Does it ever end? Now I know how my mother felt a long time ago.

\*\*\*\*\*

We attended the wedding of Dr. Norman Vinn, who is the son of Dr. Ed and Catherine Vinn. What a lovely day they had. Among the guests were Dr. Bob and Jackie McClimans, their daughter Cindy, and Dr. Bob and Donna Kelly. When you get a chance, ask Dr. Ed about his car dying on the freeway on the way to the wedding. ^

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# Workshop to Deal With Psychoactive Drugs

As if money matters weren't enough to worry about in these troubled economic times, the experts say we can look forward to increased drug abuse as a reaction to recession.

"Drug use goes up as a result of the boredom and frustration of unemployment and inflation," said Gary Wimbish, Ph.D., of the Texas College of Osteopathic Medicine faculty. "And we aren't talking about young people necessarily. Or even what we think of as the 'drug-abuse class' — cocaine and heroin users.

"The major drug user in the country today is not that person, but the middle-aged middle class. After all, the No. 1 drug in the country is still alcohol."

In response to the problem, Dr. Wimbish, associate professor of toxicology at TCOM's Institute of Forensic Medicine, and Michael Emmett-Oglesby, Ph.D., TCOM as-

sistant professor of pharmacology, will give a one-day workshop on June 7 under direction of the Substance Abuse Association in Tarrant County.

The workshop, entitled "Matter Over Mind: the Pharmacology of Psychoactive Drugs," is especially designed for counselors, physicians, nurses and other health care professionals but is open to the public. It will run from 9 a.m. to 4:30 p.m. in Room 506 of TCOM's Medical Education Building I, Camp Bowie at Montgomery.

Topics to be discussed at the workshop include behavioral effects of drugs, overdose treatment, the psychological disposition of alcohol, drug half life, drug screening, tolerance, physical dependence and withdrawal.

Registration is \$20 (\$25 at the door) and \$10 for students through the Tarrant Council on Alcoholism and Drug Abuse. ▲

## *Rural Hospitals Gain Right to Remain Open*

The Senate has approved Sen. Lloyd Bentsen's (D-Texas) amendment that allows rural hospitals across Texas to stay open. The measure renews provisions that exempt rural hospitals from certain requirements for Medicare funding.

Without this legislation, these hospitals faced the threat of having to comply with all the guidelines that apply to city hospitals—even though urban hospitals work with a larger pool of physicians, registered nurses and the latest technology.

For example, rural hospitals in the Medicare program would have been required to supply 24-hour nursing care for patients. Hospitals in smaller communities have nursing shortages; however, they do keep registered nurses on 24-hour call.

Congress a few years ago recognized the problems and waived the rule. But the waiver expired at the end of 1978. The Department of Health, Education and Welfare delayed enforcing the waiver on rural hospitals, hoping that Congress would pass such a corrective amendment. The Senate has now taken such action and, hopefully, the House soon will agree, Sen. Bentsen said.

TOMA has worked effectively to get the amendment through Congress.

Rural hospitals give quality health care to their areas. If they couldn't take part in Medicare, they effectively would be destroyed. In one area of Texas, such a closing would leave people in a 90 mile radius without hospital care. ▲

## Letters

Dear Mr. Roberts:

I have received the Past President's card and honorary charter membership in the Patriarchal Order of Past Presidents for my husband, Dr. Glenn R. Scott.

My daughter and I sincerely thank you and members of Texas Osteopathic Medical Association for your kindness. My dear husband was proud of being a member of TOMA and proud he had the opportunity to serve the association for many years. It is the good and happy memories we have now and are grateful for them.

May God bless you and our many friends of Texas Osteopathic Medical Association.

Sincerely,  
Mrs. Glenn R. Scott

GEORGE E. MILLER, D.O.

PATHOLOGIST

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1721 N. GARRETT

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# Research In The 1980s

By John E. Lyons  
President, Merck Sharp & Dohme

My role is to describe the prospects for new medicinal products and therapeutic advances that may be made available to the practice of medicine. We in the pharmaceutical industry are highly conscious of one of the watchwords of our era — namely, fair balance — so I do want to open these remarks with full disclosure that for these 20 minutes or so you are in the hands of an optimist.

So now, what may we expect from research in the '80s?

I would not and could not undertake to predict so far ahead what the specific new products of individual research laboratories in our industry will be. I will, however, indicate the kind of advances that responsible scientists now feel are on this side of the horizon.

It is important to remind ourselves that industry laboratories do not stand alone but relate to the whole body of biological research, medical science and patient care. Out of the interaction and collaboration of scientists in industry, university, and government laboratories, and the experience of therapeutic practice will come the great advances of the future, as they have in the past, sometimes originating in one setting, sometimes in another. My company and others will continue to participate in these advances, contributing both basic knowledge and our special capacity to move an early research lead through the long process that eventually brings a new therapy to those who need it.

Fortunately, there has been exciting progress in the basic health sciences in recent years—progress that has

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placed us on the threshold of what can be a new era in drug research and development.

Developments in the basic sciences now permit laboratories around the world to work at subcellular levels in dealing with biological processes. For example, scientists now know how energy is made available to and utilized in the cell, and have a better understanding of the nature and function of the subcellular entities which carry out specialized functions in the cell. There is important new insight into genes, both their mechanisms and how their functions are controlled. And a wealth of new information has been gained about the biochemical aspects of such tissues as liver, bone, kidney, muscle and connective tissue.

A field of basic research that has particular promise today is immunology. Growth of this scientific discipline has progressed dramatically both at the cellular level, where the contributions of different cells of the body have been recently identified, and at the molecular level, where some of the proteins that are involved in the immune response have been isolated and their functions demonstrated. Scientists have learned that a series of autoimmune diseases—including multiple sclerosis and myasthenia gravis—result primarily from the failure of a person's own immune system to recognize some parts of his body as belonging to him. The implication of immune reactions in such conditions as arthritis, cancer and aging, as well as in all infectious

diseases, is being pursued in many laboratories throughout the world. We at Merck have taken special steps, with respect to both staffing and facilities, to enable our laboratories to contribute to and take advantage of the opportunities in this field.

In the cardiovascular field there are research developments that foreshadow an ability to reduce the likelihood of arteriosclerosis through the specific inhibition of an enzyme that regulates the synthesis of cholesterol. . .To improve the present treatment of high blood pressure by blocking one of the enzyme systems involved. . .And to develop new approaches to dealing with angina, heart attack, and sudden death.

A better understanding of the hormonal and metabolic imbalances that occur in diabetes suggests that ways may be found to control the long-term consequences of that disease — such as blindness, strokes and kidney failure. In addition to insulin, other peptide hormones have been implicated in diabetes, and it is through manipulation of these other hormones that scientists hope to achieve new advances in diabetes.

Enormous steps have been made in unraveling the chemistry and the wiring of the nervous system. Much has been learned about the nerve cell—how it carries its messages, and even what happens when it conveys messages to another nerve cell or to such organs as glands or muscles. From such understandings a more specific treatment for schizophrenia should derive—a treatment that aims at the pathogenesis of the disease. In addition, it is now known that the brain elaborates its own natural opiate in response to pain; an understanding of this process may permit the synthesis of potent non-addicting analgesic agents. Moreover, better understanding of the chemistry of sleep should facilitate the development of hypnotics that will mimic natural sleep. And there is good reason to hope for the evolution of improved agents to control epilepsy and anxiety—agents lacking the potential side effects of today's drugs.

In the area of viral diseases, live attenuated vaccines will be developed against a number of important diseases including chicken pox, pneumonia in children caused by the respiratory syncytical virus, and cytomegalovirus infection. The discovery that immunity can be conferred by subunits of microbial agents—subunits that in themselves cannot be infectious—will permit the development of safe vaccines against herpes infections, gonorrhea, otitis media (middle-ear infection), and possible dental caries.

A breakthrough has been made in our laboratories toward the control of infectious hepatitis. The virus causing that disease, hepatitis A, has been grown in cell culture for the first time. Thus, a source of virus is now available for production of a vaccine. And it is very likely that the most common form of serum hepatitis, the so-called Non-A Non-B hepatitis, will also yield to vaccine control.

## People



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There is a great deal of excitement associated with the use of interferon (an anti-viral protein which confers resistance to many types of viruses) in the treatment of certain viral infections, such as chronic active hepatitis B and herpetic infections of the eye and the central nervous system. Interferon is also being used experimentally against some important malignant diseases, such as non-hodgkins lymphoma, osteosarcoma, and mammary tumors. Interferon is available to scientists today only in very small quantities which are very difficult and expensive to isolate. The great need is for the development of a production process which will make interferon available in the quantity and form needed for a definitive evaluation of its utility and therapeutic range. Our industry is active in this field. We at Merck, for example, are working on the development of a production process.

The much-discussed recombinant DNA techniques permit scientists, by transferring genes, to modify the genetic characteristics of a given cell. These techniques can be and are being used safely and usefully in biological laboratories around the world, including ours. Recent advances in the use of recombinant DNA techniques permit new insights into the structure and regulation of genes. They also make commercial production of scarce biological products possible (the synthesis of human insulin in bacteria has already been demonstrated). Recombinant DNA techniques will also facilitate the development of pure proteins that will function as antigens for use in vaccines against organisms that cannot yet be grown in vitro in the laboratory. Hepatitis B vaccine, which is currently produced from antigen isolated from infected blood, is a high-priority target for this technology, and other vaccines could be derived from a similar approach.

A target for treatment of the various arthritic disorders is a drug that will halt the progression of the disease without severe side effects. The recent implication of an aberrant immune response as a prominent component of rheumatoid arthritis suggests an important new approach to therapy of this important disease, as does new information on the biochemistry of inflammation resulting from studies in our laboratories suggesting the involvement of reactive chemical species, called free radicals, in the inflammatory process.

Among the respiratory diseases, the treatment of asthma requires better therapeutical approaches. The body chemicals that produce the asthmatic attack have now been defined. Although their structures have not yet been entirely characterized, antagonists against each of the active principles are being elaborated in the laboratory. Such research should lead to improved specific therapy for this important disease.

The human consequences of obesity have been

identified through epidemiological studies that have demonstrated the higher incidence of diabetes and an increased mortality rate, particularly from cardiovascular disease, among the obese. Approaches to the control of obesity could come from an understanding of lipid metabolism and the enzymes that are involved in the synthesis of fat as well as from an understanding of the direct chemical control of appetite within the brain.

Building from the demonstrated utility of new agents for the treatment of glaucoma, there will be a far-ranging investigation of other therapeutic modalities aimed at other mechanisms that are involved in controlling intraocular pressure. And it should also be possible to develop drug delivery systems that are uniquely suited for use in the eye.

It is the chronic and degenerative diseases that primarily afflict the aging. . . And this makes it all the more urgent that each research opportunity be identified and explored according to its promise. The number of people over 85 years of age in the United States

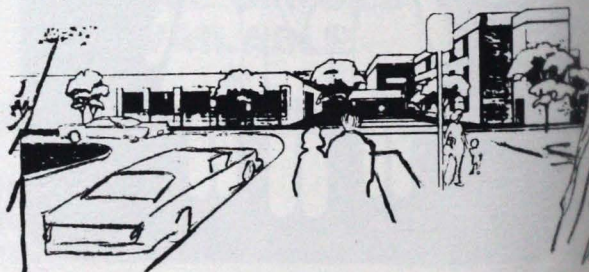
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## Grand Prairie Community Hospital

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Grand Prairie, Texas 75051

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214-647-1141, Extension 200

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will increase about 300 percent over the next 50 years. The number over 65 will increase about 135 percent. All of us know the trauma disease holds for the elderly and their families. For example, half of the approximately one million elderly people now in long-term care facilities have been diagnosed as being senile. Yet disease is not a necessary part of the human condition. It occurs when there are biological mistakes. Thus it should theoretically be possible for people—as Dr. Albert Sabin once said—to live in good health, and to die in good health. Much of the coming progress in therapy can benefit the elderly by preventing, treating or controlling the diseases from which they suffer unnecessarily.

For example, a problem common among older males is urinary tract obstruction due to benign prostatic enlargement. Surgical intervention is widely practiced today. But a medicinal approach would be far more desirable and now seems possible. Further, Parkinson's disease is a major problem among the elderly, and the symptoms of the disease tend to progress despite therapy. A more direct chemical control should be possible as a better understanding of this degenerative disease is achieved. To illustrate further. . . Among the recently discovered hormones and neurotransmitters within the brain are those that have the ability to stimulate various brain functions. It can be hoped that derivatives of such hormones and neurotransmitters may improve a variety of brain processes, including memory and learning.

I have by no means identified all of the opportunities that lie open for the '80s. Prospects have never been more exciting. Can our industry expect to take advantage of them?

We are confident it can. To illustrate the point I'd like to briefly review the initiatives that can be seen in leading research-oriented companies—complementing the innovative energies of the whole field of medical science. I'd like to express these in terms of a prototype company—for these actions and commitments are found in some degree in all the innovative companies of our industry. Such a company has scientists of the highest caliber, and it continues to recruit young people of promise as well as established leaders in their chosen fields of study. It is fortifying and expanding its representation among the 50 different scientific disciplines that are currently represented in the industry's research activities. It has the very best people working together in a setting with a tradition of success in research.

They have at their disposal first-class research facilities, backed by programs of major capital spending to expand and modernize research and development facilities.

This prototype company also provides its scientists with the modern facilities and instrumentation they need to undertake the most advanced research and development and to support a growing research program.

It is very important to understand it is in the very nature of basic research that its results are unpredictable and often disappointing. Again, sometimes where a research lead proves fruitful and a new and efficacious product seems in hand, unexpected adverse reactions may come to light late in the lengthy process of safety testing, and a significant investment disappears. But the chief lesson of our own lengthy experience at Merck is that consistent support of research does prove rewarding, though not always in the way originally expected.

Speaking for Merck in particular, we will continue to support our researchers with the kind of budget needed to create new product breakthroughs in these times of ever more complicated scientific and regulatory requirements.

Reflecting our unswerving commitment to innovation, we spent \$190 million on our research and development activity last year; this investment represents a very substantial risk, but it coincides with opportunities that we believe outweigh the risk.

If the endless possibilities I have been discussing are to become realities, then such investments and commitments in research will have been warranted many times over, and society will have benefited many-fold from encouraging the existence and growth of an innovative company.

Incentives for industrial research are receiving attention everywhere in the world because technological leadership has such a direct bearing on critical economic, social and political aspects of our lives, and is essential to our future economic health and security. We welcome and applaud the recent initiatives by the Federal government to study the current state of U.S. technology with the intent to provide new incentives for industrial investment in R&D—this concern is most encouraging.

It is essential that government policy recognize the social and economic values of innovation and technological progress if we are to achieve the great advances in medicine that are at hand for the coming years.

The 1980s offer the possibility and the promise of advances in society's battle against disease, disability, and suffering that will equal or surpass those of the 1940s, when much of the modern age of medicine was forged. The new understanding of the living organism, of life itself, that the biological sciences now lay before us offers an endless variety of opportunities to create new therapies to protect people from disease and premature death. It should be a magnificent decade in humanity's search for health. ^



# Opportunities Unlimited

Practice Locations in Texas

## PHYSICIANS WANTED

**CORPUS CHRISTI** — Excellent practice opportunity for mature qualified GP to join established private practice. Prefer physician to do some OB and some hospital care. Located in prime growth area of city. For more information contact: R. R. Hughes, D.O., 1060 N.A.S. Drive, Corpus Christi, 78418 or call 512-937-3156.

**FORT WORTH** — Doctor's office for lease at Haltom City Health Center, 2900 Denton Highway, Fort Worth. 2400 sq. ft. with parking. Excellent location for one or two general/family practice physicians. Next to pharmacy and dentist office. If interested phone: Richard at 817-284-8026 or 817-535-2525.

**FORT WORTH** — D.O. in practice for 32 years, in bariatrics and some general practice, needs associate. Salary and possibilities open. If interested call or write: J. Graham Bray, D.O., 314 Seminary South Office Building, Fort Worth, 76115: Office: 817-926-8289 or Home: 817-292-6063.

**FORT WORTH** — Texas College of Osteopathic Medicine, Department of Emergency Medicine has faculty position open. For information contact: James F. Grate, D.O., Director of Emergency Medicine, TCOM, Camp Bowie at Montgomery, Fort Worth, 76107. Phone: 817-735-2301.

**FORT WORTH** — Texas College of Osteopathic Medicine faculty positions available. Clinical departments, family practice, specialists. Contact: Ralph L. Willard, D.O., Dean, TCOM, Camp Bowie at Montgomery, Fort Worth, 76107.

**FORT WORTH** — Associate wanted to join three GPs in busy group practice. Salary negotiable, corporate benefits, excellent facility, all departments fully equipped. Contact, Tom Nelson, D.O., or Larry Burrows, D.O., 3514 E. Berry Street, Fort Worth, 76105. Phone: 817-531-2801.

**GARLAND** — Near L.B.J. Centerville Professional Building, 1200 sq. ft. available for Family Practitioner. Four treatment rooms, private office, etc. Five other professionals in the building. For more information, call Frank J. Musso, D.D.S., 214-271-4488 or 214-387-1325.

**GROVES** — Practice opportunities for general practitioners and specialists currently exists in Groves/Port Arthur area of Southeast Texas. Solo or associate settings available in the area predicted to have the best job growth. Expenses and office rent available. Contact: John Sielert, Administrator, Doctors Hospital, 5500 39th Street, Groves, 77619. Phone: 713-962-5733.

**HOUSTON** — Family Practice, Internal Medicine, Pediatrics, OB-Gyn, and Cardiologist urgently needed. Free offices available and other benefits. Contact: J. J. Fanguy, Administrator, Northeast Memorial Hospital of Houston, 8214 Homestead Road, Houston, 77028. Phone: 713-631-1550.

**HOUSTON** — GP wanted, to associate with another D.O. in general practice in the Houston area. Must be willing to do some obstetrics. Please reply to: Box "M", TOMA, 512 Bailey Avenue, Fort Worth, 76107.

**HOUSTON** — Physicians interested in Houston area (family practice or pediatrics urgently needed). Contact: Lanny Chopin, Administrator, Eastway General Hospital, 9339 N. Loop East, Houston, 77026. Phone: 713-675-3241.

**HOUSTON** — The Professional Medical & Surgical Clinic Association has openings for physicians in family practice, surgery, internal medicine, radiology, and lab technicians. The Association consists of four clinics — 2 in Houston, and 2 within 50 mile radius of Houston. Negotiable salary with excellent benefits. Send curriculum vitae to Chris S. Angelo, D.O., 2902 Berry Road, Houston, 77093. Phone: 713-695-7756.

**HOUSTON** — D.O. Internist wanted. Recent graduate to associate with Internist-Cardiologist. For more information contact: Jack Grainger, D.O., 15702 Lakeview, Houston, 77040. Phone: (home) 713-937-0312 or (office) 713-695-9117.

**HURST** — GPs needed immediately, 115-bed Hurst General Hospital, located between Fort Worth and Dallas, needs general practitioners to serve rapidly growing area. Excellent opportunity for experienced or young eager physicians wanting to build a practice. Hospital will assist with start-up and relocation expenses. Contact: John Miller, Administrator, Hurst General Hospital, 837 Brown Trail, Hurst, 76053. Phone: 817-268-3762.

**MABANK** — General Practitioner needed immediately in family clinic in Mabank. \$3,000 per month guaranteed plus percentage. To replace third doctor deceased. Contact: Robert L. Hamilton, D.O., P. O. Box 267, Mabank, 75147. Phone: 214-887-2161.

**MESQUITE** — Rutherford General Hospital, 165-bed facility, has positions open for GPs, pediatricians, urologists, ENT and emergency physician. Mesquite is an urban community of 70,000 which is a part of the Dallas-Fort Worth metroplex. If interested please contact: Sherry Lackland, 1527 Gus Thomasson Road, Mesquite, 75149. Phone: 214-285-6391.



# Opportunities Unlimited

Practice Locations in Texas

**RICHARDSON** — 1200 sq. ft. finished-out for immediate occupancy. For information contact: William J. Garrett, 214-526-4590 or 817-429-4371.

**SAN ANTONIO** — Good opportunity for aggressive spanish speaking doctor. Very low overhead, no rent or utilities to pay. No part time please. For further information call: Rudy Davila, 512-226-5293, Davila Pharmacy, 1110 El Paso, San Antonio.

**SWEETWATER** — General practice D.O. needed to associate with established young D.O. Salary or percentage first year. Full partnership second year. Busy practice. Large clinic with own X-ray and laboratory. If interested call or write L. R. Moses, D.O., 1401 Hailey, Sweetwater 9556 or call 915-235-1784 or after p.m. 235-5215.

**TATUM** — GP wanted, population 5,500 with total community area of 18,000 people; numerous industries, opportunity for industrial medicine; near Longview. Contact: Jesse Inman, P. O. Box 1104, Tatum, 75691. Phone: 214-36-2353 or 214-947-2283.

**TYLER** — GP wanted to take over lucrative practice. Current D.O. desires to retire after 30 years of practice. Practice divided between general practice and gynecariatics. No initial investment. Clinic includes four treatment rooms, doctor's office, receptionist office and waiting room. Send resume and references to Box "L", TOMA, 512 Bailey Avenue, Fort Worth, 76107.

**TYLER** — Population 70,000 plus. General family practice in beautiful East Texas. Office space adjacent to a 54-bed general osteopathic hospital. Excellent schools including Tyler Junior College and Texas Eastern University. Beautiful lakes and trees. Outdoor activities unlimited. This is one of the most beautiful places in the country to live and raise a family. Financial assistance available for

the right person. Contact: Mr. Olie Clem, Administrator, Doctors Memorial Hospital, 1400 W. Southwest Loop 323, Tyler, 75701. Phone: 214-561-3771.

**WEST** — GP or pediatrician willing to do general practice needed; town of 3,500 with large drawing area; currently D.O. general practitioner and M.D. internist; 47-bed general hospital across the street; 17 miles north of Waco; 90 miles south of Dallas-Fort Worth; guarantee with bonus and potential partnership. Contact: George N. Smith, D.O., 500 Meadow Drive, West, 76691 or call 817-826-5372.

**YORKTOWN** — Fully equipped clinic available. Solo practice. Six months to one year free rent. Contact: Sister Rosanne, Yorktown Memorial Hospital, 728 W. Main, Yorktown, 78164. Phone: 512-564-3361.

## POSITIONS DESIRED

**CARDIOLOGIST** — TCOM graduate 1975 internal medicine CCOM; two year cardiology fellowship at Cleveland Clinic; trained in all invasive and noninvasive procedures; Available July 1980. Contact: Ronald Sebold, D.O., 2 Washington Square, Euclid, Ohio 44143. Phone: 216-531-7333.

**GENERAL INTERNIST** — Desires to move to Texas and establish practice. Currently senior resident at St. Elizabeth Hospital Medical Center in Youngstown, Ohio. A 1975 graduate of PCOM and a Diplomate of the National Board of Osteopathic Examiners. Contact: F. G. Miller, Jr., D.O., 492 Georgetown Street, Sharpsville, Pennsylvania, 16150 or call 216-746-7231 or 412-962-9077, hospital and home respectively.

**GENERAL PRACTICE** — Two D.O.s looking for established practice with older physician or group practice. Prefers Austin or East Texas. Now taking out-of-state internship and will be available July 1980. If interested, please write Box "G", 512 Bailey Avenue, Fort Worth, 76107.

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**ORTHOPEDIC SURGEON** — will be out of residency July '81 and wishes to practice in Texas. Robert Chouteau, D.O., 106 Westridge Drive, West Des Moines, Iowa 50265. Phone: 515-225-1417.

**PEDIATRICIAN** — Looking to relocate in Texas. Prefers to practice within a 150 mile radius of Fort Worth. For more information write TOMA, Box "D", 512 Bailey Avenue, Fort Worth, 76107.

**RADIOLOGIST** — Board certified radiologist is wishing to relocate in Texas. Prefers large cities. For more information contact: Bruce Rosenberg, D.O., 223 Parkclay Circle, Sheltenham, Pennsylvania, 19012.

## EQUIPMENT WANTED

**MC MANUS TABLE** — Any condition or other therapy equipment. Call or write Dr. Dingle, 309 West Liberty Road, Atoka, Oklahoma, 74525. Phone: 405-889-3338.

(For information call or write Mr. Tex Roberts, Executive Director, TOMA Locations Committee, 512 Bailey Avenue, Fort Worth, Texas 76107. Phone: 817-336-0549.)

## ROBAXISAL®

(Methocarbamol, NF, 400 mg/Aspirin, USP, 325 mg)

**INDICATIONS:** Robaxisal is indicated as an adjunct to rest, physical therapy, and other measures for the relief of discomfort associated with acute, painful musculoskeletal conditions.

The mode of action of methocarbamol has not been clearly identified but may be related to its sedative properties. Methocarbamol does not directly relax tense skeletal muscles in man.

**CONTRAINDICATIONS:** Hypersensitivity to methocarbamol or aspirin.

**PRECAUTIONS:** Products containing aspirin should be administered with caution to patients with gastritis or peptic ulceration, or those receiving hypoprothrombinemic anticoagulants.

Methocarbamol may cause a color interference in certain screening tests for 5-hydroxyindoleacetic acid (5-HIAA) and vanilmandelic acid (VMA).

**Pregnancy.** Safe use of Robaxisal has not been established with regard to possible adverse effects upon fetal development. Therefore, Robaxisal should not be used in women who are or may become pregnant and particularly during early pregnancy unless in the judgment of the physician the potential benefits outweigh the possible hazards.

**Nursing Mothers.** It is not known whether methocarbamol is secreted in human milk; however, aspirin does appear in human milk in moderate amounts. It can produce a bleeding tendency either by interfering with the function of the infant's platelets or by decreasing the amount of prothrombin in the blood. The risk is minimal if the mother takes the aspirin just after nursing and if the infant has an adequate store of vitamin K. As a general rule, nursing should not be undertaken while a patient is on a drug.

**Pediatric Use.** Safety and effectiveness in children 12 years of age and below have not been established.

**Use in Activities Requiring Mental Alertness.** Robaxisal may rarely cause drowsiness. Until the patient's response has been determined, he should be cautioned against the operation of motor vehicles or dangerous machinery.

**ADVERSE REACTIONS:** The most frequent adverse reaction to methocarbamol is dizziness or lightheadedness and nausea. This occurs in about one in 20-25 patients. Less frequent reactions are drowsiness, blurred vision, headache, fever, allergic manifestations such as urticaria, pruritus, and rash.

Adverse reactions that have been associated with the use of aspirin include: nausea and other gastrointestinal discomfort, gastritis, gastric erosion, vomiting, constipation, diarrhea, angio-edema, asthma, rash, pruritus, urticaria.

Gastrointestinal discomfort may be minimized by taking Robaxisal with food.

**DOSAGE AND ADMINISTRATION:** Adults and children over 12 years of age: Two tablets four times daily. Three tablets four times daily may be used in severe conditions for one to three days in patients who are able to tolerate salicylates. These dosage recommendations provide respectively 3.2 and 4.8 grams of methocarbamol per day.

**OVERDOSAGE:** Toxicity due to overdosage of methocarbamol is unlikely; however, acute overdosage of aspirin may cause symptoms of salicylate intoxication.

**Treatment of Overdosage.** Supportive therapy for 24 hours, as methocarbamol is excreted within that time. If salicylate intoxication occurs, especially in children, the hyperpnea may be controlled with sodium bicarbonate. Judicious use of 5% CO<sub>2</sub> with 95% O<sub>2</sub> may be of benefit. Abnormal electrolyte patterns should be corrected with appropriate fluid therapy.

**HOW SUPPLIED:** Robaxisal® is supplied as pink and white laminated, compressed tablets in bottles of 100 and 500 and Dis-Co® Unit Dose Packs of 100 (NDC 0031-7469).

Rev. May 1979

**A-H ROBINS**

A. H. Robins Company, Richmond, Va. 23220

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As an adjunct to rest and physical therapy

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(Methocarbamol, NF, 400 mg/Aspirin, USP, 325 mg)

In the Robaxisal group studied\*, up to 12 tablets a day were administered. The usual recommended dose in most conditions is the "2 x 4 Regimen" of 2 tablets four times a day.

\* Tisdale, S. A., Jr., M.D., & Ervin, D.K., M.S.: Controlled Clinical Trial of Robaxisal, Current Therapeutic Research, 23:2, pp. 166-172, February, 1978.

See prescribing information on adjacent page.

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