

# New drug reduces need for surgery

United Press International  
BOSTON — A drug approved in January can help reduce the need for surgery among hundreds of thousands of patients suffering a form of chest pain that can precede heart attacks, a study said.

The drug, nifedipine, can ease attacks of angina, a chest pain caused by clogging of coronary arteries and resulting restriction of blood flow to the heart muscle. An estimated 2 million Americans have angina.

A study at the Johns Hopkins Medical School, published in the New England Journal of Medicine, said nifedipine added to conventional treatment was more effective than conventional therapy among patients suffering unstable angina.

Symptoms of unstable angina include pain during rest, a sudden worsening of pain in a patient whose angina was thought to be stable, and prolonged pain.

Any of the three may be a signal of impending heart attack

and, less often, sudden death. The Johns Hopkins study concentrated on angina at rest.

"Our study demonstrated that in addition to conventional therapy, nifedipine resulted in a decrease in the number of patients who required surgery, and for those who had to undergo surgery, there was a longer time during which patients were stabilized on medicine...before surgery was needed," Dr. Gary Gerstenblith, who headed the study, said.

"Probably between 400,000 and 600,000 patients every year with unstable angina would benefit from this treatment," he said. "This is a very safe and effective addition to our medical treatment of this serious disease."

Most angina patients are treated with nitrates such as nitroglycerin to relax blood vessels and allow them to dilate, increasing blood flow to the heart. A class of drugs known as beta blockers is also used to reduce the heart's need for oxygen.

Beta blockers block chemical cues from the brain that normally would cause the heart to speed up in response to excitement. The heart responds to the drugs by slowing.

Doctors then decide when and if the patients need to undergo surgery, such as coronary bypass, to prevent blood flow from slowing to the point the heart muscle is unable to function.

Nifedipine is a calcium channel blocker, which stops the passage of calcium, needed for muscle contraction, into muscle cells, and thus relaxes artery walls.

The study found that 61.4 percent of 138 patients given conventional therapy suffered heart attacks, died or needed surgery, as compared to 44.1 percent in the nifedipine group.

The groups suffered a near-equal number of heart attacks and near-equal numbers died. But the numbers of deaths and heart attacks would have been higher in the nifedipine group had the drug not been effective, Gerstenblith said.

Together, beta and calcium channel blockers are said to represent a revolution in the drug treatment of heart disease, the No. 1 killer of Americans.

# What's Up at Texas A&M

### Friday

**CATHOLIC STUDENTS ASSOCIATION:** Coffeehouse will be at 8 p.m. in the student center.  
**UNITED CAMPUS MINISTRY:** Friday night bible study will be at 6:30 p.m. Check MSC video for room number.

**RESIDENT HALL ASSOCIATION:** RHA Casino will be on the second floor of the MSC from 8 p.m. to 12:30 p.m. Tickets are \$3.00 in advance and \$4.00 at the door. A night of gambling, prizes and entertainment for everyone.

**INTERVARSITY CHRISTIAN FELLOWSHIP:** Scott Barber will speak at 7 p.m. in 402 Rudder.

**TRADITIONS COUNCIL:** T-shirts will be on sale in the MSC all day.  
**THEATRE ARTS:** "Dames at Sea", a musical, will be presented April 14-17 at 8 p.m. in Rudder Theatre. Tickets are available at the MSC box office and at the door. \$2.50 for students and \$3.50 for non-students.

**TAMU CHESS CLUB:** Players of all strengths are welcome to the meeting at 7 p.m. in 302 Rudder.

**BAPTIST STUDENT UNION:** Noon bible study will be in the Baptist student center with fun, bible study and fellowship, today and every Monday, Wednesday and Friday.

### Saturday

**WATER SKI CLUB INTERCOLLEGIATE TOURNAMENT:** A tournament sponsored by LSU will be today and tomorrow at the Tri Lades Ski School on Zachry Lake.

**FLORICULTURE-ORNAMENTAL HORTICULTURE:** There will be a plant sale from 10 a.m. to 2 p.m.

**TAMU LACROSSE TEAM:** Division championship at Tulane will be at 1 p.m. on the main drill field.

**AMERICAN INSTITUTE OF CHEMICAL ENGINEERS:** AIChE Playday will be at noon at Lake Stone. Maps are available in the ChE office.

**TAMU SINGING CADETS:** The annual spring concert at 8 p.m. in Rudder Auditorium.

**INTRAMURAL CANOE RACE:** Race will be on a course on the Brazos River at Koppe Bridge Rd. near Mc at 10 a.m.

**TEXAS AGGIE MOTORCYCLE CLUB:** There will be a general meeting at 8:30 p.m.

**TOYOTA OWNER'S ASSOCIATION:** There will be a clinic for Toyotas at 10 a.m. in the Systems Building lot 55.

### Sunday

**UNITED CAMPUS MINISTRY:** The Presbyterian meet at the A&M Presbyterian Church, 601 Chalmers and the Disciples will meet in 145 MSC, both at 10 a.m.

**YOUNGLIFE:** Dr. Bradley will speak on Creation vs. Evolution at 7 p.m. in 701 Rudder.

**UNIVERSITY LUTHERAN CHAPEL:** The fellowship will be at 5:30 p.m. at the chapel, 315 N. College Main. There also will be a discussion on the topic: "Communicating the News" at 7 p.m. in the chapel.

**CATHOLIC STUDENT ASSOCIATION:** There will be a Parent's Day Pancake Breakfast from 8 a.m. to 11 a.m. in the student center. Cost is \$1.00 for parents and \$1.50 for students.

# Salt dome oil probe begins

United Press International  
NEW ORLEANS — An inspector sent to Louisiana by a

congressional subcommittee is investigating the quality of oil pumped into underground Strategic Petroleum Reserve caverns in the state.

Department of Energy SPR project director Curt Johnson Wednesday said the inspectors were dispatched to determine whether bargeloads of inferior crude were deposited at the storage site at Bayou Choctaw, as one former official has charged. The inspectors have met with state officials.

At this time, no inspections of similar storage sites in Texas are under way, nor have there been accusations of wrongdoing at those sites.

Johnson said the inspectors, sent by Rep. Toby Moffett, D-Conn., have not contacted him for clearance to enter the site

near Baton Rouge, but he would be glad to give them the authorization.

"There's at least one in town but they haven't contacted the office," Johnson said. "I know they haven't gone out to the site. That requires some clearance."

GAO spokesman E.J. Candilora said one inspector already in New Orleans was to be joined by a co-worker Thursday. An investigation already was under way, he said.

A spokeswoman for the Energy Department's inspector general refused to confirm or deny whether that agency was involved in the investigation.

Moffett, chairman of the House Government Operations energy subcommittee, sent the inspectors in response to allegations that bargeloads of so-called

"slop oil" were pumped into storage caverns instead of

Johnson said the SPR taken samples from the Choctaw facility to check the quality of oil.

"The caverns have been sampled and the inspector of the Department of Energy has those samples," he said. "I seriously doubt there's a problem."

Earlier this month, Secretary James Edwards said the only delivery to the Choctaw site was 9 million

Officials said Moffett's investigators to assess allegations of fraud at the SPR. Edwards said he believed cheating that took place was relatively insignificant.

**HOLOCAUST REMEMBRANCE**  
**APRIL 20 9:00 P.M.**  
**ALL FAITH'S CHAPEL**  
 SPONSORED BY:  
 Wesley Foundation  
 United Campus Ministry  
 Hiller Foundation  
 University Lutheran Chapel  
 Church of the Latter Day Saints

The history of humans oppressing other humans is long and depressing. The Holocaust, a story in itself of horrible dimensions, has become a symbol of the awfulness of all human oppression. On Tuesday, April 20, a day nationally designated as Holocaust Remembrance Day, we plan to encourage a responsible address to the future that still lies before us through a sorrowful remembrance of what lies in the background of our human history. We invite all who are interested in such a concern to join us.

**Are You Czech**  
**Czech Club Party**  
**FREE BEER**  
**3911 B. OLIVE ST.**  
**8 P.M. SATURDAY**

For more info call  
**696-9743**

# Walk Don't Shuttle

Condominium living is just a short walk from campus.

A three minute walk from the main campus brings you to The Northgate—condominiums custom designed for Texas A&M students.

Fully furnished all the way down to the forks and knives, The Northgate lets you step into an incomparable student lifestyle with nothing but a suitcase.

The Northgate offers two and three bedroom floor plans, kitchens loaded with GE appliances, including washer/dryer, and convenient garage parking.

It's an excellent investment for parents and alumni who want to avoid paying four years' rent for a college education. And it will remain an

extremely valuable property long after you've graduated.

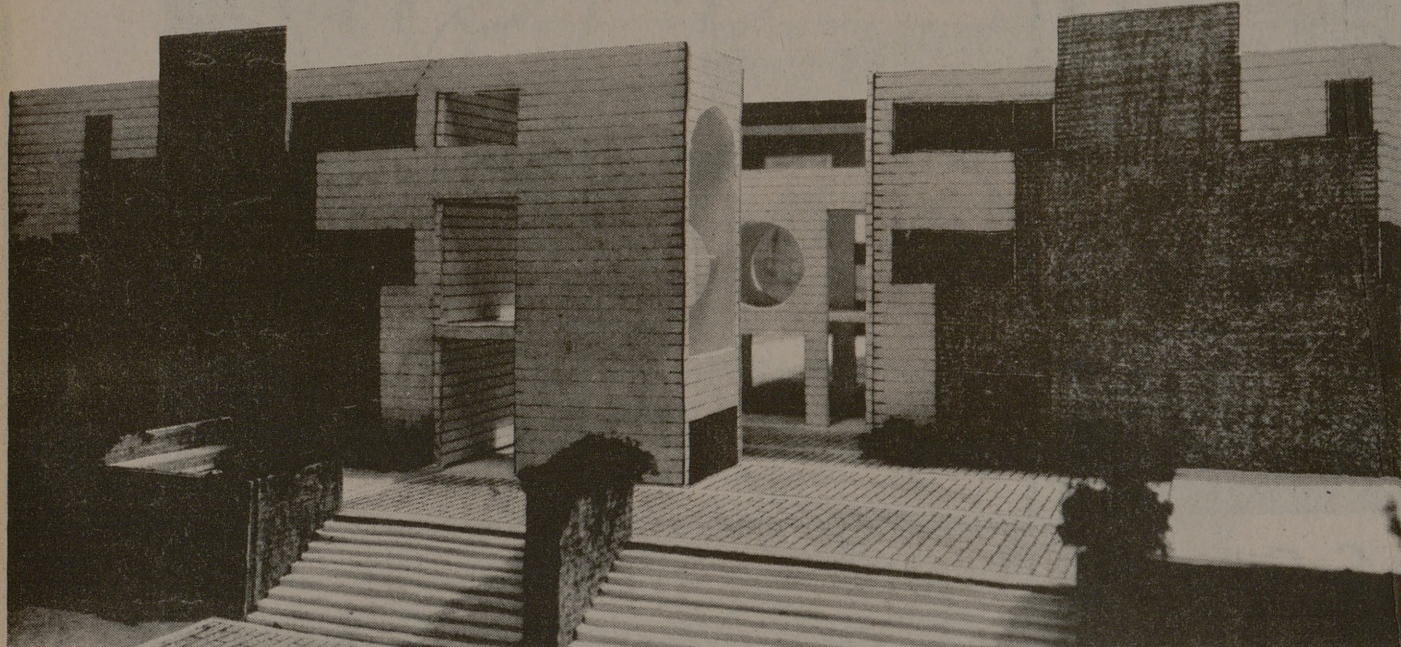
But best of all, The Northgate is convenient to the campus. It's less than ten minutes walk from the main library. And excellent shopping, dining and banking facilities are always just around the corner.

The Northgate is available for occupancy in August, 1982. Call Mary Bryan at Green & Browne for more information today. 209 E. University Dr., College Station, TX 77840. Office (713) 846-5701—Home (713) 693-9858.

A trend setting project of Texas Development Group.



The Northgate  
College Station, Texas  
Available Fall 1982



# Oklahoma has quakes but none are serious

United Press International  
OKLAHOMA CITY — There's no chance of Oklahoma falling into the Red River or anything so drastic, but the state does have earthquakes — a few powerful enough to cause damage, the U.S. Geological Survey says.

The agency Wednesday released a map pinpointing the locations of 119 earthquakes recorded from 1897 to 1979. And additional two tremors have occurred since 1979.

The epicenter of much of the activity is the Oklahoma City

metropolitan area, especially the capital's enclosed suburb of Mustang, according to the map distributed by the agency's Denver regional office.

The mapped earthquakes range from a Dec. 2, 1897, tremor near Wakita in northcentral Oklahoma to a Sept. 16, 1979, window-rattler in El Reno.

Carl Stover, a survey geophysicist in Golden, Colo., said the map did not include the state's two most recent quakes, one in 1980 and another in 1981.

The strongest earthquake on the map occurred April 9, 1952,

near Mustang and measured on the Richter scale 4.1,

strong enough to cause considerable damage to poorly designed structures, crack masonry walls, and make it difficult for people to stand, agency said.

The Mustang quake followed by nine aftershocks were strong enough to be felt, agency said.

Another earthquake of 4.0 Richter reading occurred Oct. 30, 1956, near Catoosa.

The Oklahoma City-El Reno area accounted for 35 of the mapped quakes. The Tulsa area recorded 17 and the McAlester area had three.

The northeastern and western corners of the state, along with Beaver and Garfield counties in the Panhandle showed no earthquakes.

A state's earthquake shows which parts are most likely to have quakes in the future, he said.

"The map can be used as a starting point by local, regional and state planners and negotiators in land-use planning," he said.

**Randy's Got The Jugs!**



Come Look 'Em Over!

Choose any 3 Wines From Our Selection of Jug Wines

**3 1.5 liter jugs \$9.99**

**RANDY'S LIQUOR**

524 E. University Drive  
696-1351

**cycles, etc. . . .**

"different spokes for different folks"

403 University (Northgate)  
Open 10-7 Mon.-Fri. 10-5 Sat.  
846-BIKE

Mandy Holeczek

Two settle

United Press International  
HOUSTON — The Justice Dept. has reached a settlement with court settlers, guards and auxiliary employees over a case far from

Lawyers Texas, the p the Justice announced agreement hearing be Judge William They wit deal, presun Justice's swee form decre doubling of mate enfor approval by Corrections

The board dled a mee set a final be for next We The issu among seven the 5th U.S. Appeals after gation, in ch trial before 1980.

Lawyers court the qu medical care plus inmates ber incarcer prison syste If finally settlement w

Don



Bring yo your do at 10:3 Clark,