

# Human Product May Aid Fight On Heart Deaths

By JOSEPH L. MYLER  
United Press Staff Correspondent  
WASHINGTON (UP)—Substances manufactured in the bodies of young women may give science a powerful weapon against death from heart attacks and strokes.

This was suggested today in a report to the second World Congress of Cardiology by Drs. Ruth Pick, Jeremiah Stamler and Louis N. Katz of Michael Reese Hospital, Chicago.

A major cause of strokes and heart attacks is fatty degeneration of the arteries—to which science has given the jaw-breaking name "atherosclerosis."

Americans have the highest death rate in the world from heart attacks and strokes. The Chicago doctors sought and found a clue in the American diet. It is especially rich in fats. This may lead to atherosclerosis which in turn tends to put a fatal strain on the body's chemistry and organs.

But this process, the Chicagoans found, can be prevented and even reversed. One way is to cut down the fat intake. Another may be to administer substances produced in the bodies of women "in their reproductive years."

**Sex Hormones Used**  
These substances are female sex hormones known as estrogens. Experimental work with estrogens grew out of the discovery "that women in their reproductive years are remarkably free from fatty degeneration of the arteries."

"Administering estrogens to animals in whom atherosclerosis had been produced experimentally," the scientists reported, "caused the fatty deposits in their coronary arteries to disappear."

These substances are now being tested on human beings. The Chicago doctors said "The results to date are promising." They added, however, that "A definitive answer will not be forthcoming for another two to five years."

Other doctors reported successful "tailoring operations" on the heart itself, substitution of plastic balls for damaged heart valves, a new "direct" way of operating on "blue babies," and grafting of veins to bypass arterial obstructions.

**Valve Damage Repaired**  
Drs. Laurence B. Willis and Dwight E. Harken of Boston told of 500 operations to relieve mitral stenosis. In this malady, a valve on the left side of the heart may be shrunk by rheumatic fever to as little as one-fourth of its original size, choking off the normal flow of blood.

Dr. Ellis and Harken restored the valve opening by surgery to its original size. And in the vast majority of patients, including those near death, the operation "produced dramatic improvement."

Dr. C. A. Hufnagel of Washington, D. C., reported success in substitution of a plastic ball for aortic valves damaged by rheumatic heart diseases. As a result of the bouncing plastic pellet, 24 of Hufnagel's patients, who might otherwise be dead, are now "living and improved."

The glass snake of New Mexico really is a legless lizard.



**STARBOARD LIST**—"Rendezvous in the Rain" is the name given this umbrella manufactured in Frankfurt, Germany. The topside creation dips to the right just enough for the man to hold and gives the lady a large cover so she can keep dry.

# New Viet Nam Crisis Could Cost Country's Emperor His Throne

By CHARLES M. MCANN  
United Press Staff Correspondent  
The new political crisis in the Indochinese state of Viet Nam could cause playboy Emperor Bao Dai his throne.

Underlying it is the feeling of powerful elements in Viet Nam, including the army, that the present government is not doing enough to keep the Viet Minh Communists from taking over all of Indochina.

Dynamic young Gen. Nguyen Van Hinh, chief of staff of the army, is the leader of these elements.

Hinh wants a strong, active anti-Communist government. He does not want Bao Dai to return home from the French Riviera. Bao Dai lost a lot of popular support because he sat out on the sunny Riviera the tragic months which brought the Geneva peace agreement and left the Communists in control of northern Viet Nam.

**Suspected Plot**  
Premier Ngo Dien Diem seems to have suspected that Hinh was plotting to overthrow the government and seize control of what remains of Viet Nam.

Dispatches from Indochina indicate that Diem had good ground for his suspicion.

In any event, Diem tried to fire Hinh and exile him to France on six months' "study leave."

Hinh refused to be fired and the Viet Nam army of 270,000 men supported him.

At present Hinh remains at his headquarters, guarded by troops and tanks.

Diem is at his gleaming white Gialam Palace, guarded by 800 members of the Viet Nam gendarmerie.

Bao Dai named Diem premier in June, during the Geneva conference, hoping he would be able to unify the country.

Diem, like Bao Dai, was in France at the time. He had not been in Indochina in four years. Hinh had been there, fighting the Reds.

Diem's support comes largely from the north, which the Communists now hold. Hinh has the support of the army which he built up and also of the powerful religious-political Bin Xuyen, Cao Dao and Hoa Hao sects, it is reported.

Forty-year old Hinh, a flying ace for France in World War II, is the son of former premier "Tiger" Nguyen Van Tam. He is Viet Nam's outstanding soldier. He offered personally to lead a Vietnamese force to try to relieve Dien Bien Phu during the great siege. He has a boyish face but a firm chin.

Both Hinh and Diem are honest, widely respected men, bitterly anti-Communist. It remains to be seen which will come out on top. But there will be no reason for surprise if Hinh emerges as a Viet Nam "strong man." In that event, it is possible that Viet Nam may become a regency under Bao Dai's 17-year old son, Prince Bao Long.

# Attorney Says Case Not Proved

SAN ANTONIO, Tex. (UP)—Cpl. Claude Batchelor's civilian lawyer says the Army has failed to prove the soldier collaborated with his Chinese Communist captors and tattled on fellow POWs during 38 months in a North Korean prison camp.

The Army completed its case against the 22-year-old turnabout POW Monday and the lawyer, Joel Westbrook of San Antonio, said he would ask for a directed verdict of acquittal from the court-martial of eight officers, all veterans of the Korean war.

The final Army witness, former private first class Wilburn C. Watson, 33, of Corinth, Miss., said at least some of the 20 Americans who rejected repatriation and now are in Red China were supposed to be smuggled back into the United States as Communist agitators.

Watson testified he was held with the original group of 22 American and one British "non-repats," which included Batchelor, because he (Watson) pretended to collaborate with the Chinese.

He said he was held with them because he was carrying papers when captured that identified him as a former deputy sheriff, constable and marshal in Mississippi. The Reds inferred from these he was an American agent who had allowed himself to be captured.

Although he had signed a "confession," Watson said he was brought to trial in 1953 because the 23 non-repatriates and five Chinese Communist officers on charges of being a spy.

**SACK TRIAL OPENS**  
PORTLAND (UP)—Trial of George F. Sack, Portland apartment house owner, for the first degree murder of his wife, opened in Multnomah County Circuit Court yesterday with four members of the jury panel being chosen. Selection of the veniremen was expected to continue today and tomorrow.

# Oregon Demos Pleased at Upset Win in Maine

MILWAUKIE, Ore. (UP)—Monroe Sweetland, Democratic national committeeman and publisher of the Milwaukie Review, today expressed confidence in his party's chances in the November elections, on the basis of the upset election of Democratic governor Edmund S. Muskie in Maine.

Sweetland said Oregon could be described as the "Maine of the West Coast" except that it was even less staunchly Republican than the New England state, which yesterday elected its first Democratic governor in 20 years.

"For the first time we Democrats find ourselves in complete agreement with Vice President Richard Nixon, who predicted Sunday that 'As Maine goes—' is still a good slogan, and so will go the nation in November."

"Oregonians will await with interest one more major preview of the political tides, when Alaska goes to the polls early in October," Sweetland said. "If Maine can go, so can Oregon," he added.

**FAILURE TO SUCCEED**  
When it gave its first public performance in 1900, the opera "Madame Butterfly" was pronounced an absolute failure. A later performance, in 1904, established it as a huge success.

**SNAILSHELL**  
The shell of a snail is an example of a curve known as the logarithmic spiral. No matter how much the free end of such a curve is lengthened, the whole always retains the same shape.

Crude petroleum is the principal mineral product of Texas. Natural gas rates second and natural gas liquids third.



**HOMEBOODY**—Pretty Jeanne Crain, popular movie star, has been chosen "Miss National Home Week" by the National Association of Home Builders in Washington, D. C. She will preside over the nationwide celebration from Sept. 19-26. Jeanne was chosen on the basis of her homemaking talents.

**NO LOOKOUT, SIGNAL**  
MEMPHIS, Tenn. (UP)—Authorities investigating a collision Monday at the corner of Lookout and Signal decided the drivers apparently failed to do either.

Bulletin Want Ads get results.

# School Building Atom-Smasher

STANFORD UNIVERSITY, Calif. (UP)—Stanford scientists, now moving into their brand new \$200,000 microwave laboratory, are preparing to launch construction of still another atom-smasher, to be known as the Mark IV.

Laboratory Director Edward L. Ginzton said the new atom-smasher, scientifically known as an electron linear accelerator, will contribute to medical and biological investigations. It also will further development of still larger and better atom-smashers.

The Mark IV's forerunner, the Mark III, will continue to operate in the older building known as the High Energy Physics Laboratory, now under the direction of Prof. W. K. H. Panofsky.

Both laboratories together comprise the W. W. Hansen Laboratories of Physics. They were named for the late William Webster Hansen, pioneering Stanford physicist who founded the university's large microwave laboratory.

The bulk of the new laboratory's work is government-sponsored. In particular, the U. S. Energy Commission is supporting the Mark IV and larger accelerator studies. The Office of Naval Research is sponsoring the klystron work, while the medical accelerator studies are under American Cancer Society and U. S. Public Service sponsorship.

**ACCIDENT ACCOUNTINGS**  
Nearly 10 per cent of traffic accidents are due to careless or improper signals being given by motorists, or to complete failure to indicate intention to stop, turn, or slow down.

# White, Negro Children Mix To End Capital Segregation

By CHARLOTTE G. MOULTON  
WASHINGTON (UP)—The Capital's 38,000 school children, Negro and white alike, have passed the year's first test with flying colors. Monday their broadmindedness and courtesy was measured in a way that would give pause to many an adult. It was the first day of school, but a first day different from any they had experienced before.

For the first time white and Negro children did not separate at the school house door. They entered together and sat down in the same classrooms. Some white children had Negro teachers and vice versa. Negro and white boys signed up for the same football teams. In a day or two, when full sessions start, they'll all be eating in the same lunch rooms, regardless of race.

Integration is taking place here over a one-year period. Children who were in school last year for the most part returned to the same schools. But about 9,500 first-graders and newcomers were registered in accordance with new residence boundaries. In addition, about 3,000 Negro students were transferred out of overcrowded schools into white schools with low enrollment. A few Negroes who had to travel unduly long distances were also re-assigned.

Some people said there were also re-assigned. Some people said there were bound to be disturbances when youngsters who have always been racially separated are brought together. So the authorities dispatched a policeman to each school.

All the police could find to do was direct traffic. Washington school children, from kindergarten through high school, got a straight

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