

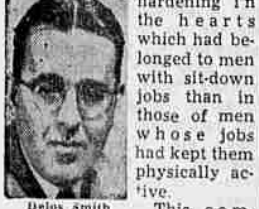


MIRROR, MIRROR ON THE WALL—No, its Mich., the new Miss America. The 18-year-old beauty is shown as she met the press Monday in New York City. (UPI Telephoto)

Condition of Arteries Found Unaffected by Types of Work

By DELOS SMITH
UPI Science Editor

New York — A close study of 207 detached hearts revealed no more artery-hardening in the hearts which had been longed to men with sit-down jobs than in those of men whose jobs had kept them physically active.



This complicates scientific efforts to get at the basic reasons for the common type of heart attack which carries off so many men in their prime. It is a statistical fact that physically active men are less prone to these attacks than men who exercise their bodies but little.

This type of attack is caused by a persistent, long-term narrowing of the arteries which nourish the heart muscles. Eventually not enough nourishing blood can get through. There is a block and the attack follows. This channel-narrowing process is called artery-hardening.

And so you'd expect the heart arteries of physically inactive men to show a greater amount of hardening than those of physically active men of the same age. For the past few years Drs. David M. Spain and Victoria A. Bradess have been checking this expectation.

Heart Checked First
Working through the medical examiner's office of Westchester county, N.Y., they were able to study the hearts of men who had been killed in accidents, homicides, and suicides. Only after the hearts had been assayed for degrees of artery-hardening, was there a check on the ages and occupations of the men from whom the hearts had come.

Of the 207 hearts included in the study which the scientists reported to the American Heart Association, 100 came from sit-down men — executives, accountants, clerks, chauffeurs, stenographers. The other 107 had belonged to construction workers, gardeners, mail carriers, plumbers and other artisans.

They were further classified by age. The years of life between 30 and 60 were divided into six 5-year periods, and in this way Drs. Spain and Bradess checked the degree of hardening of heart arteries as the years increased.

As was expected, heart-artery hardening was slowly but steadily progressive through the younger age groups up to the oldest. The unexpected was that there was no significant difference in degree of artery hardening between the sit-downers and the physically active men in any of the six age groups.

This shouldn't be taken to mean that the statistical studies were wrong and lack of physical exercise has nothing to do with proneness to heart attack. The statistical conclusions are well established and Drs. Spain and Bradess did not feel their results provided a basis for attacking them.

They suggested the answer to the apparent paradox was in "collateral circulation." Blood flow, since it is under pressure, can set up channels apart from the established arteries and veins. The scientists reasoned that the hearts of physically active men were better able to set up these auxiliary channels than those of the physically inactive.

When the challenge of a severely hardened heart artery comes, the heart muscles of the active already have collateral vessels in the process of developing, and so the challenge is met and there is no attack.

Parochial Schools Suffer Growing Pains

Washington — (UPI) — Parochial schools are suffering the same growing pains as public schools.

Enrollment in Catholic elementary and high schools has approximately doubled since the end of World War II. This fall it is expected to hit an all-time high of 5,280,000.

The U.S. Catholic school system includes 10,278 elementary schools and 2,401 high schools. It is the largest private school system in the world, and educates about one-ninth of the nation's children.

Classroom and teacher shortages plague parochial schools no less than their public counterparts. Indeed, in a number of communities, church-operated schools are even more overcrowded than public schools.

Catholic elementary schools are staffed predominantly by nuns. Although the number of teaching sisters increased from 40,000 in 1920 to more than 76,000 this year, the rapid growth of enrollment has made it necessary for parochial schools to hire an increasing number of lay teachers. The proportion of lay teachers has grown each year, from 4.6 per cent of the total staff in 1945 to 29 per cent last year.

Catholic high schools are concentrated mainly in the eastern states. Except for California, there are relatively few from Kansas westward.

There has been much discussion in Catholic churches lately about the desirability of concentrating the church's educational effort in grades 7 through 12 so that all Catholic children could be given religiously-oriented training during the crucial adolescent years. More than half of the Catholic children of high school age now attend public schools.

Catholic schools are financed entirely by private contributions. No cost figures have been made public since 1954, but in that year the National Catholic Welfare Conference said \$500,000,000 was spent on construction and \$620,000,000 on operating expenses.

Free bus transportation is provided for parochial school students in about one-third of the states. Some states also provide health services and a few supply textbooks.

Minors Seek \$7,000 In Damages Here

Minors Janice Eileen Torbeck and Harold Lindsay Torbeck, Coos Bay, through their guardian, Nancy Torbeck, are seeking \$7,000 in damages from Huida Skevington, Rogue River, as a result of an automobile accident on Highway 99 at Scenic ave. Oct. 26, 1958, according to a complaint filed in Jackson county circuit court.

The complaint charges that Huida Skevington drove her car into an intersection in front of the car in which the Torbeck children were riding without first stopping at a stop sign. Serious injuries resulted to the two Torbeck children, the guardian charges.

Transient Sentenced To County Jail Term

Francis Earl Matheny, transient, was sentenced in district court Monday to 16 days in the county jail for petty larceny.

Matheny had pleaded guilty to the charge. Matheny was charged with taking a jacket belonging to Roberta Louise Forbes Aug. 30.

World War II to 1960, the Soviet Union had enslaved about the same number of people as the old colonial powers had granted independence.

Berding, speaking of the ideological clash between Russia and China, said it was "too soon to speak of any real political break between the two countries, but the seeds are sown."

He rejected suggestions that the United States was "losing ground" overseas in the contest with Communism. He acknowledged Red success in Cuba and The Congo but said that when one looked at the global picture as a whole there were "many reasons for encouragement."



NIXON GREETED — Surrounded by admirers, Vice President Richard M. Nixon and Mrs. Nixon are shown following their arrival at Indianapolis, Ind., Monday on the first stop of the GOP presidential nominee's 14-state campaign tour. (UPI Telephoto)

Quotes From the News

BY UNITED PRESS INTERNATIONAL

Washington—The State Department, replying to a Russian protest against restrictions on Soviet Premier Nikita Khrushchev's travel while he is in the United States:

"Travel beyond the limits of Manhattan Island is clearly not essential to the normal functioning of a delegation to a session of the U.N. General Assembly."

Christmas, Fla.—Mrs. Juanita Tucker, describing how Hurricane Donna damaged parts of this town but left Christmas Monuments standing:

"It was a miracle."

London—Willis Crowe, arrested after his dynamite-loaded car was found parked outside No. 10 Downing st., residence of British Prime Minister Harold Macmillan, making a resolution:

"I'll be a darned sight more careful where I park my car from now on."

New York—Mrs. Jacqueline Kennedy, stating that her daughter misses Sen. John F. Kennedy while he is off campaigning:

"She was very frightened Monday in the hurricane, that it might hurt daddy. I told her that there was no hurricane in Texas."

DAV Formulates Plans for Work

Definite plans for improved hospital, welfare and service work were formulated at a meeting of Disabled American Veterans district 5 in Klamath Falls Sunday.

Reports of delegates to the national convention also were received. Reactivation of Dugout number 220, National Order of Trench Rats, the fun and honor degree of DAV, as well as the Alley Cats, ladies auxiliary to the Rats, became effective from the date of the district meeting.

Attending from Medford were Mrs. Robert Wilfe, commander of Jackson county DAV auxiliary; Mrs. Hazel Rawls, department hospital chairman for the White City Domiciliary; and Pat Graham, adjutant and regional service officer for Jackson county number 8 DAV.

The next meeting will be held Nov. 20 in Grants Pass.

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Old Timers Plan Gold Hill Trip
The Old Timers club September tour will be held Sept. 18.
Plans call for the club members to meet at 11 a.m. at the A and W root beer stand, Riverside ave. and Jackson st., Medford. From there the cars will visit the House of Mystery and the Old Historical Museum on Sardin creek.
The total trip will be about 45 miles. Participation ribbons will be given for each car attending.

Young Republicans Postpone Meeting
The Jackson County Young Republicans meeting originally slated for Friday has been rescheduled for Sept. 23 at 7:30 p.m. It will be held at the home of Mr. and Mrs. Richard Bates, 1521 Terrace dr., Medford.
Evelyn Nye, candidate for representative to the state legislature, will speak.

FILM EDITOR DIES
West Hollywood, Calif. — (UPI) — Paul J. Weatherwax, 60, winner of two Academy Awards for film editing, died Tuesday.

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