

Study predicts heart risks

age Americans have a 90 percent chance of eventually developing high blood pressure, a new study estimates. But experts say many can still beat the odds with diet and exercise.

The study, published in Wednesday's Journal of the American Medical Association, prompted warnings from the nation's top health authorities, including Health and Human Services Secretary Tommy Thompson and Dr. Claude Lenfant, director of the National Heart, Lung and Blood Institute.

"Ninety percent is a staggering statistic and cause for concern," Thompson said. "This finding should energize Americans to take steps to protect themselves against high blood pressure.'

Lenfant, whose agency helped fund the study, said Americans "cannot adopt a wait-and-see approach. If they do, chances are they will find themselves with high blood pressure, and that puts them at increased risk for heart disease and stroke.'

High blood pressure is estimated to affect 50 million Americans.

The study, among the first to calculate the lifetime risk of developing the condition, involved mostly whites. Lifetime risks may be even higher for blacks, who are disproportionately affected by high blood pressure.

The findings are based on an analysis of 1,298 men and women taking part in the continuing Framingham Heart Study, which began in 1948 and has examined participants every two years.

The JAMA study involved participants who had not developed high blood pressure by 1975.

The authors estimated the lifetime risk of developing high blood pressure among 55-yearolds and 65-year-olds over a follow-up period of 20 to 25 years.

Nearly 85 percent of the participants eventually developed at least mildly high blood pressure — readings of 140 over 90 or more.

Heart risk higher at middle

Middle-age Americans face a 90 percent lifetime risk of deve hypertension, defined as abnormally high blood pressure, acc to a study. The risk generally increases between the ages

■ Age 55 ■ Age 65

Hypertension (Over 140/90) Women I 89

Mild high blood pressure (Over 140/90)

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Ways to help your heart

Maintain a healthy weight.

Be physi-

eating plan, which includes foods lower in do so in salt and

Optimal adult blood pressure is less than 120/80.

alcoholic

NEWS IN BRIEF

Drug triggers negative reaction in HIV patients

SEATTLE (AP) — Genetic testing can reveal whether a widely used AIDS drug is likely to trigger a life-threatening reaction that occurs in about 5 percent of all people who take it.

The drug, known generically as abacavir, was approved in 1998 and is a mainstay of AIDS treatment, typically used in combination with other medicines to hold HIV

Doctors have long suspected that some genetic factor was involved in the adverse reaction, which often occurs after patients

have taken it for about two weeks. The est finding should help doctors and problem by screening patients in an for the telltale gene

The discovery that particular genes seem to be involved is the latest adva an emerging field of medical study pharmacogenetics.

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Space mission faces last minute problem

CAPE CANAVERAL, Fla. (AP) — With just one day left before launch, NASA scrambled Wednesday to investigate a potential problem with the landing gear on space shuttle Columbia, poised to take off for a service call to the Hubble Space Telescope.

The space agency also braced for unusually cold weather that could force a flight delay. Temperatures were expected to drop to 38 degrees at the time of Columbia's planned 6:48 a.m. launch on Thursday.

The landing gear issue arose during a high-level meeting of mission managers on Tuesday afternoon. By Wednesday morning, three engineering teams were working on the problem in hopes of getting "comfortable" with it in time for Thursday's launch, said NASA spokesperson George Diller.

Eight wheel bearings in Columbia's main landing gear evidently were treated with 300degree heat before installation, rather than the 500 degrees intended to keep them from breaking during touchdown, Diller said. Engineers were trying to determine if the temperature difference may have weak ened the bearings.

"They're starting to get com-fortable with it, but there's still a lot more data analysis to do," Diller said.

Shuttle program manager Ron Dittemore said a wheel bearing failure during landing could be disastrous.

"If you lose the bearing, its ability to take the load in the bearing, then your wheel isn't going to turn very well and it could lock up under heat or fric-

tion and then you've go problem going down the

landing at 20 Dittemore said. The wheel doesn't starts to skid. That would real bad day.'

Replacing the bear necessary, would require of work back in the hangar. Forecasters said there 40 percent chance

Thursday's cold could de launch. Warmer weath expected Friday. Extreme cold could d some shuttle systems, in could increase the buildu on the external fuel tank concern is that chunks could fall off during liftof

strike Columbia. NASA has been wary weather ever since the Challenger disaster. The ature was 36 degrees January morning Challenger lifted off, Miss been well below freezi the night. The cold camenter ring seals to fail in the solid-fuel booster rock Deutsch's allowed blazing hot gas

Redesigned booster now have heaters to prespoints re-rubbery O-rings from delitices of M ing in cold weather.

Once they arrive at have se Columbia's astronaus reads install an advanced can refrigerator system to tate a disabled infrared Miss Cleo new steering mechanis unfair pra solar wings for generation more electricity. The flight last 11 days.

Attention All Members of National Society of Collegiate Scholars

When: February 28, 2002 Where: Rudder 308 Time: 5:30 p.m.

Last meeting before Spring Bred The WacCarth

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