

New Blood Test For Cancer Detection In Humans Nearly 100 Pct. Accurate In Result

By ALTON L. BLAKESLEE

PARIS, (AP)—A new blood test has so far proved almost 100 percent accurate in detecting cancer in humans, three Swiss physicians reported here.

They told the fifth International Cancer Research congress the test is based on a chemical that appears in the blood of persons with cancer. The chemical breaks down a certain kind of sugar, pentose sugar. The test is made by adding blood serum from the person to a solution of the sugar.

The method was described by Dr. Georges Menkes, Dr. P. Genet and Dr. S. Steenmlf, of Geneva.

The test was tried, they said, on 200 persons with various kinds of cancer. It was 95 percent right. An improved version was employed

on the second hundred. Dr. Menkes said it was almost 100 percent accurate.

Blood from 42 of 44 healthy persons produced no reaction on the pentose sugar, while 88 percent of 124 persons with diseases other than cancer also showed negative reactions to the test, the Swiss expert said.

Rats were given a cancer-causing chemical. The sugar-destroying chemical appeared in their blood at the same time as the microscope showed cancerous changes in the rat's tissues.

The sugar-destroying chemical seems to be a constant and probably peculiar property of the blood of cancer patients, Dr. Menkes concluded.

New Injection Method
The Congress also heard a description of a new injection technique in which hollow tubes, pushed through human arteries, wind as far as five feet through the body to deliver cancer shots of drugs against cancer growths.

Dr. Michael B. Shimkin of San Francisco's national cancer institute said the tubes can carry large amounts of drugs to the site of the cancer. Twice as much of the drug injected into a vein would be greatly diluted before it reached the same site, he explained.

Drugs were given in this way to 50 patients, all dying of cancers, in the past year, Dr. Shimkin said. About half of them received temporary help and a few obtained an extra three months of life, he added. The drugs used were nitrogen mustards, made from wartime poison gases.

Easy On Patient
The tube method, Dr. Shimkin said, had proven safe and may become increasingly useful. The patient lies on a fluoroscopic table and doctors watch where the tube, or catheter, is going. The patient gets a local anesthetic at the point of the tube's entry and doesn't seem to mind the process, the doctor added.

Two other reports at the session described the use of virus diseases to fight cancer. Smaller than bacteria, the tiny viruses have to enter body cells to live and reproduce. If they get into cancer cells, they may be able to halt or slow



TIME WILL TELL—Tiny Becky, daughter of Mr. and Mrs. J. M. Haire above of Memphis, Tenn., has a 35 per cent chance at life. Parents decided against an operation to remove her blind eyes, which doctors said would boost her chances to 65 per cent but leave her badly disfigured. The infant's eyes are being treated for cancer while parents pray the diagnosis—which cannot be confirmed without the operation—was wrong. (AP Wirephoto.)

Eisenhower Opposes A-Bomb Use In Korea

SAN FRANCISCO, July 20 (AP)—General Dwight D. Eisenhower does not believe the atom bomb should be used in the battle for Korea.

"I believe that were I in the middle of this thing, I would avoid using anything that our own people or other peoples might consid-

er inhuman," Eisenhower told reporters yesterday.

"It is imperative that we stand before the world as the champions of decency. I wouldn't want to do anything that might antagonize public opinion in any war."

"The Korean battle just doesn't look like it was deliberately planned as the beginning of a major war," Eisenhower said. "But we've got to win in Korea or we're bound to get smacked somewhere else."

Sentence Stay Granted Nazi Propagandist

BOSTON, July 20 (AP)—Robert Henry Best, convicted of treason for broadcasting Nazi propaganda during World War II, has been granted a stay of sentence pending an appeal to the U.S. supreme court.

The stay was granted Best yesterday by the U.S. court of appeals, which denied a similar appeal a few days ago.

Best was sentenced to life imprisonment and fined \$10,000 in June, 1948, after he was convicted by a federal court jury. He has been held in jail without bail

Canyonville District Needs School Bus Driver

The Canyonville school district 8, board announced it needs a bus driver for the coming year. The salary is \$150 a month and takes approximately 3 1/2 hours a day. The time between 9 a.m. and 3:30 p.m. is free, except when the bus is needed to take the teams to neighboring towns for sports events.

Applications may be made at the next regular school board meeting Saturday, August 12, at 8 p.m. Each applicant is requested to have a chauffeur's license and certificate of good health given upon a recent examination by a physician.

down the cancerous growth.

Other Experiments Told

A report from Dr. Shimkin and four other San Francisco experts—Dr. Howard A. Bierman, Dr. William M. D. Hammon, Dr. Bernice U. Edditt and Dr. Karl F. Meyer—said such diseases had been given to 16 persons suffering from cancer of the lymph glands or cancer of the blood, leukemia. Some recovered temporarily, for a few weeks or months, the doctors said.

Each virus administered was of a type that could be controlled or cut off with such modern antibiotics as aureomycin or chloromycetin. Diseases used included a virus disease of cats, a venereal disease called lymphopathia venereum and Rocky mountain spotted fever.

Dr. Alice E. Moore of the Sloan-Kettering institute for cancer research, New York, told of using another virus which causes Russian encephalitis. This dangerous disease, given to mice, destroyed some kinds of cancer.

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Tornadoes Deal Damage In Ohio

LIMA, O., July 20 (AP)—Twin tornadoes slashed through two western Ohio communities last night ripping roofs off at least 30 homes, damaging about 270 others, and injuring 30 persons.

No one was killed, and no serious injuries were reported.

First reports indicated damage in Lima—where the high winds cut an eight-block wide swath—would be at least \$1,350,000. Damage to power company facilities was expected to add another \$500,000 to the figure.

There was no immediate estimate of damage in the rural Van Wert area. They struck that community of 10,000, lifting the entire Bethel M. E. church building into the sky and ripping off roofs of four barns. The church was demolished.

A drive-in theater built only two weeks ago on the outskirts of Lima was leveled. The wind ripped the roof off the Lennox Furnace company's brick building and shattered a wall.

At Beaver dam, eight miles away, a barn collapsed, killing four cows. Homer F. Weaver, 45, who was milking the animals, was buried under 22 tons of hay. He was not injured.

LUBBOCK, Tex., July 20 (AP)—Lightning yesterday killed a child as thunderstorms whipped across the south plains of West Texas spawning one small tornado that battered the tiny town of Ropesville.

The tornado caused heavy property damage at Ropesville, a town of about 1,000 persons 13 miles southwest of Lubbock, but there were no known injuries.

Rain estimated at four to eight inches flooded the town. The rain—and hail—caused much crop damage.

Red Peace Petitioners Blame E. Berlin Duress

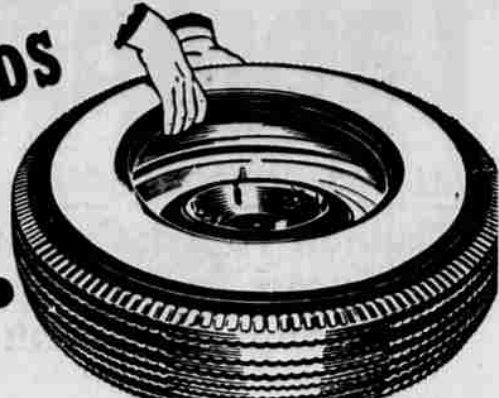
BERLIN, July 20 (AP)—Most of 600 agitators arrested Sunday after invading West Berlin to boost a Communist "peace petition" were freed yesterday. They had come from the Russian-occupied east sector.

A German court sentenced one ringleader to two weeks in jail. Others got jail terms or fines up to 10 marks (\$2.30).

Many of the defendants, charged with disorderly conduct, pleaded that they were told by East Berlin Communists to join the campaign or lose their jobs and food ration cards.

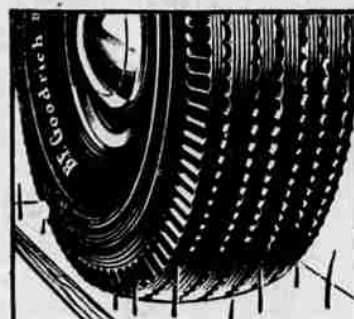
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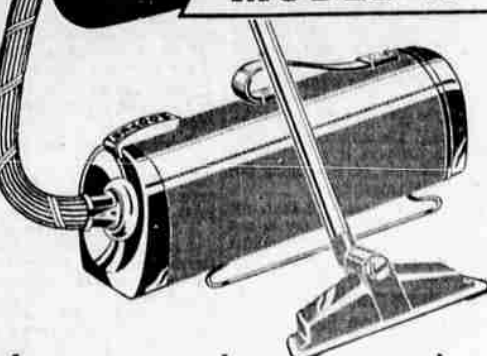
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