

Kreanan

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### Fallout Test Reveals Lukemia

Upton—The medical team that has annually examined 240 Marshall Islanders exposed to fallout from a 1954 hydrogen bomb test has reported the first identified case of leukemia among the islanders.

But the chief of the medical team, Dr. Robert A. Conard, of the Brookhaven National Laboratory here, said yesterday that there is no way to determine whether or not the leukemia was caused by radiation from the blast. Conard did say that there has been a high rate of leukemia cases among persons exposed to fallout from the atomic blasts at Hiroshima and Nagasaki.

The leukemia patient is a 19-year-old male from the island of Rongelap, a neighboring island of Bikini, where the actual explosion was conducted. "While we were on the island our examinations revealed that his blood count was low," Conard said. "During the next few weeks it dropped even lower." The man was brought to Brookhaven on Sept. 30, where bone marrow tests confirmed he had acute myelogenous leukemia.

Conard said "the extremely rare disease" is one of "several types of leukemias that can be caused by radiation, but this type of leukemia can also occur spontaneously." The victim has since been moved to the National Institutes of Health Clinical Center in Bethesda, Md., for chemotherapy. But Conard said, "the prognosis is not good."

Mrs. Gail Bradshaw, a spokeswoman for the Atomic Energy Commission, said yesterday that the leukemia victim had been exposed to 175 rads (a measure of radiation). Under normal conditions, persons are exposed to approximately 100 to 125 millirads. (A millirad is one one-thousandth of a rad.)

Conrad said that a person's risk of leukemia, normally about one in 20,000, is doubled with each rad to which he has been exposed.

The most frequent ailment among the Marshall Islanders exposed to the fallout is occurrence of thyroid nodules. Mrs. Bradshaw said there have been about 25 such cases, including two this year, and that in all but three cases, the small tumors were benign. She said there have been no fatalities among the thyroid patients, all of whom were treated in the U.S. under the sponsorship of the commission.

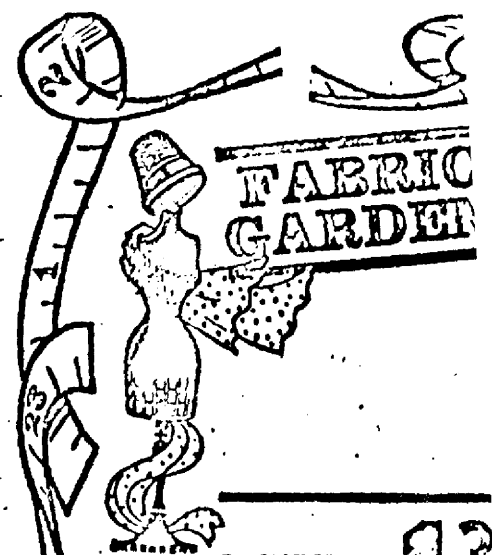
### A Daring Gambit Wins a Battle

Mount Sinai—The army stood ceremoniously, awaiting further orders from its high commander, Scott Dewey, 16, of Belle Terre. Would-be generals watched as Dewey directed his battle, while others fought battles of their own.

Dewey had been playing fairly conventional chess in his five previous games. But in this game, he said later, he thought he would try something different. He had moved his queen's rook to the queen's own position. To those watching, the rook seemed a lost piece. Dewey's opponent began attacking, moving out of decent position. The attack cost him the game and gave Dewey second place in the over-all competi-

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