

### Sound Believed Clue To Virus Infection

PHILADELPHIA—(U.P.)—Musical researchers at the University of Pennsylvania have used sound to disintegrate viruses responsible for several infectious human diseases.

In experiments conducted at the Johnson Foundation for Medical Physics, the viruses were subjected to shattering vibrations of sound. When examined afterward under an electron microscope, they were found to have been broken up into their component parts and made inactive.

Researchers said breaking up of the viruses was a necessary step

In studying the causes of such diseases as poliomyelitis and influenza, and possibly cancer and the common cold.

By resolving virus particles into their component parts, scientists can investigate the functions of the various parts and their respective roles in virus multiplication.

The researchers used a sound generator similar to one used by the U.S. Navy during the war for the detection of enemy submarines. It produces sound waves vibrating at a frequency of 9000 times per second.

### Too Few Really Charming Men— So She Starts New Charm School

SEATTLE—(U.P.)—Because the only real charming men she ever met were the late President Roosevelt, Republican candidate Thomas E. Dewey and Actor Frank Morgan, Miss Ada Calvy decided it was about time there was a charm school for men.

Packaged charm is being sold to the American girl in every city across the nation, she decided, while her male contemporary still remains a bumbling, awkward brute.

**Not Enough**  
"This new line of so-called masculine perfumes doesn't begin to answer the problem," she sniffed.

"Men think it's manly to walk,

**Oregon's Car Total May Hit 447,000**

With one passenger car for every 3.4 persons in the state, Oregon will have approximately 447,000 passenger vehicles registered by the end of 1948, Oregon State Motor Assn. officials estimate.

The figure will represent an increase of more than 10 per cent above the 1947 registration of 405,015 cars. There are now 431,870 cars registered in the state. Estimates for the year's end figure were based on national trends reported by the American Automobile Assn.

Experts estimate that 33,225,000 passenger cars will be registered in the nation by the end of 1948. Oregon is one of the highest states in per capita ownership, but 25 in registration.

### Radioactive Iodine Effective

LOS ANGELES—(U.P.)—Radioactive iodine is a cheap and effective substitute for goiter operations, the American College of Surgeons learned this week.

Dr. Myron Prinzmetal of Cedars of Lebanon Hospital here described treatment of more than 100 patients. He said goiters disappear three or four months after patients took tiny doses of radioactive material from the atomic pile at Oak Ridge, Tenn.

The dose is swallowed in a glass of water, eliminating loss of time, scars and complications of surgery, Prinzmetal said. He said the doctor may have to increase dosage for several months to find the right size.

Earlier, three Harvard University doctors described how they produced artificial respiration in dogs, cats and monkeys by sending an electric current through nerves controlling breathing.

Drs. Stanley J. Sarnoff, E. Hardenbergh and J. L. Whittenberger said the artificial breathing worked for as long as 22 hours.

### Famed Actress Dies at Age 43

KINGSTON, N.Y.—(U.P.)—Elissa Landi, Italian-born actress and novelist, died of cancer Thursday at the age of 43.

Miss Landi, reportedly the grand-daughter of Empress Elizabeth of Austria, died in Kingston Hospital, where she had been a patient for the past 10 days. Her illness previously had been described by her physician only as a "chronic condition."

**Never Knew**  
Dr. Kenneth Lefever, who announced the cause of death, said the actress "never knew she had cancer."

Her condition, however, had been known to her family for nine months, he said.

He said that her husband, Curtis Thomas, who was with her when she died, "had done a wonderful job in keeping it from her."

Miss Landi was an artist of multiple facets, equally successful as motion picture and stage star, as a novelist, as a linguist, as a pianist and as a singer.

**Wins Acclaim**  
Her varied talents, combined with a subtle blonde beauty, won her praise from both dramatic and literary critics of a half dozen nations.

She was born Dec. 6, 1904, in Venice, Italy, the daughter of Austrian Count and Countess Zarnardi-Landi.

She reputedly was the grand-daughter of Empress Elizabeth of Austria, but with a reticence rare in actresses she always refused to confirm or deny her royal ancestry.

**American Films**  
Her stages successes in London and New York quickly brought her to the attention of Hollywood and she made her first American film in the Hollywood production

of "Body and Soul." She followed this with leading roles in "The Sign of the Cross," "The Warrior's Husband," "The Count of Monte Cristo" and other films.

Making her last Broadway stage appearance in the short-lived drama, "Dark Hammock," in 1944, Miss Landi said she was abandoning both stage and screen to devote her entire time to writing. She was already a successful novelist with novels published in several languages in Europe. In the United States she had the following novels published: "House of Sale" in 1932, "The Ancestor" in 1934, "Women and Peter" in 1941 and "The Pear Tree" in 1945.

Surviving, besides her husband, are a daughter, Caroline Maude Landi Thomas, born in 1944; her father, Count Charles Zarnardi-Landi, of Kingston, and a brother, Anthony, of Hollywood.

She was married twice, first in 1928 to John Cecil Lawrence, a London barrister, from whom she

was divorced in May, 1943. She was the widow of Thomas, an author of the port, Mass.

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