



"GUINEA PIG"—Monkeys such as these, photographed at the zoo in Washington, D. C., may help future infantile paralysis victims. The cynomolgus monkey is more like humans in the way it gets polio than any other monkey or other animal, and a hunt across the Pacific to get this species is in progress.

which may turn into cancer. Some ulcers may be cancer when first diagnosed as harmless ulcers, he warned. The operation to remove stomach ulcers can be done with a risk well below five percent, he declared.

Science News Letter, October 12, 1946

MEDICINE

Penicillin Spraying Helps Fight Coughs, Influenza

➤ **MANY** a patient will be spraying penicillin into his lungs with a hand atomizer this winter to fight coughs, influenza and pneumonia, if physicians generally follow the method found successful last winter by Dr. Frank W. Morse of Lawrencetown, Nova Scotia.

Writing as a "general practitioner for other general practitioners," Dr. Morse tells in the *Journal of the American Medical Association* (Oct. 5) how he used penicillin in this way with good results in 24 out of 26 cases.

Chief drawback to the use of the life-saving drug in a country practice, he points out, is that to give it by injection into muscles or veins requires putting the patient in a hospital or having two nurses for each patient. Good results in inhalations of penicillin aerosol, the penicillin being converted into a fine spray by a power-operated atomizer, had previously been reported by a number of

other scientists. Dr. Morse decided to try the familiar hand atomizers which he could carry in his bag and leave with his patients for them to use between his visits.

Small cost; pleasant taste of the penicillin; soothing effect on dry, irritated membranes of the throat; and relief of cough as well as remedial effect in fighting disease germs in throat and lungs are among the advantages given for the method by Dr. Morse.

Science News Letter, October 12, 1946

ZOOLOGY

Female Baby Panda To Live at New York Zoo

➤ **ACROSS** the inland mountains of China to Shanghai, a female baby panda is on its way to the New York Zoological Park to be a companion for "Pandah," Mme. Chiang Kai-shek's gift to the children of America.

Until she grows a little, the new panda, weighing but 68 pounds, will be no match for six-year old, 315-pound "Pandah." Former playmate, "Pandee," the so-called male, was found to be a female when she died last October.

The baby panda is a gift to the United States from General Chang Chun, governor of the province of Szechwan, where she was captured.

Science News Letter, October 12, 1946

SAFETY

Inert Gases Found To Be Good Fire Fighters

➤ **CARBON-DIOXIDE** has been the principal inert gas used in fire extinguishers in the past, and probably will be more extensively used in the future. However, other inert gases have been found to be more effective in certain applications. The U. S. Civil Aeronautics Board recommends the use of methyl bromide and carbon tetrachloride on aircraft. The U. S. Bureau of Mines finds that Freon 11 is effective in gasoline fires, more effective than other gases tested.

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