

## MEDICINE

# Medical Reforms

**Correction of X-ray film situation and hormone treatment advised. Fight urged for animal experimentation, study of marihuana problem recommended.**

► CORRECTION of the X-ray film situation which causes needless expense and trouble to many patients is among a number of reforms advised by Dr. Herman L. Kretschmer, of Chicago, president of the American Medical Association, at the opening session of the association's house of delegates.

Dr. Kretschmer believes that when a patient has recently had a satisfactory set of X-ray pictures made at one hospital or by one roentgenologist, he should be able to get the films when he consults another physician who wants X-ray pictures to help in diagnosis. Too often at present, hospitals and roentgenologists or other physicians refuse to release the films and the patient is put to the expense and trouble of having another set made.

The present "fad" of considering every obscure complaint as due to endocrine gland disturbance and treating it with hormones is another situation that needs correction, Dr. Kretschmer advised the medical association's policy-making body. He praised highly the various scientists responsible for advancing knowledge of the glands and their disorders, but warned against turning the use of hormones into "another vitamin-like fiasco."

The hormone-conscious public, he stated, should be protected by physicians from the danger of misuse of hormones and by advertisers, health columnists and scientific writers for the lay press from wrong information about hormones.

The marihuana problem, "acutely before the nation today," should be investigated by the American Medical Association, Dr. Kretschmer advised, so that authoritative facts about this drug become known.

Medicine should take the offensive and get laws passed enabling medical scientists to perform experiments on animals rather than forever remaining on the defensive against the attacks of anti-vivisectionists, Dr. Kretschmer urged. Both man and animals benefit from animal experimentation, he declared. The public needs to know the facts of the situation and county medical societies should take the lead on this, he added.

County medical societies themselves were told by the A. M. A. president that they should enlarge or expand their scientific meetings and hold some for the lay public at which timely educational topics could be discussed.

Positive action on the deferment of medical and premedical students from service in the armed forces should be taken by the association which, Dr. Kretschmer declared, should demand that a situation of "confusion and chaos" should not be permitted to arise again.

He reiterated the association's stand against "regimentation of medicine" by which, though not specifically mentioning it, he apparently referred to proposed legislation for compulsory health insurance.

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**FOR THE RECORDS**—Here is one of the pictures in a play by play story of an amputation operation photographed by the new clinical camera developed by the Pictorial Engineering and Research Laboratory of the Signal Corps Photographic Center as a joint project of the Signal Corps Army Pictorial Service and the Surgeon General's office. (See SNL, Nov. 24)

de-icing for wings and propellers, should in the near future bring us to the point where commercial aircraft flights can be completed 99% of the time as contrasted to the present 91%," Dr. Furnas said. "This will make a tremendous difference in the confidence which the traveling public will have in aviation, and hence will greatly increase the number of potential passengers."

"Phenomenal changes" in commercial aircraft should not be expected in the near future, he indicated, but there will be a steady improvement to bring the newer things in aviation to the public.

"The focus of attention of most research work in commercial aircraft," Dr. Furnas stated, "is on speed, safety, comfort and reliability. Aero-dynamic constructional research will make significant contributions, but it is anticipated that the developments which will be most evident to the public will be in safety, comfort and reliability."

The average speed of airliners will be from 225 to 300 miles an hour, he ex-

## AERONAUTICS-METEOROLOGY

# Fly Regardless of Weather

**Independence of atmospheric conditions predicted for commercial aircraft. With radar and de-icing devices, flights may be completed 99% of the time.**

► "PRACTICALLY independent of the weather" is the forecast for commercial airplanes of the future, according to Dr. C. C. Furnas, director of research for the airplane division of Curtiss-Wright Corporation of Buffalo. He foresees completion of flights 99% of the time, as com-

pared with the present average of 91%. The prediction was made at a recent meeting of the American Society of Mechanical Engineers in New York.

"Adaptation of the various devices of radar to the development of very reliable blind landing systems, coupled with heat