

CIGARET CUTS HEAT OF SKIN

By **ARTHUR EDSON**

WASHINGTON, June 8. — Well, sir, science seems determined to lay bare our innermost secrets.

For at a new conference today there were demonstrated:

(A) A thermometer so sensitive it records the difference in a person's skin temperature after he takes a couple of drags on a cigaret,

(B) A microphone so small it can be slipped directly into a patient's heart, and

(C) A meter that can record the electricity an individual generates.

The demonstration was put on by Gulton Industries of Metuchen, N. J., and Dr. Max Greenberg was busily supervising the cigaret test.

"Here," he said, pushing a pencil shaped contraption forward, "hold your thumb on the end of this." The thermometer registered 91.

Whereupon the reporter lit up a cigaret, and as he puffed away the thermometer dropped with each puff, down to 85.

"You see," Doctor Greenberg said, "a perfect air conditioning system."

How come you get cooler outside when you light up?

"Constriction of the blood vessels," Doctor Greenberg said.

AID IN DISEASE.

When there's not much blood around the surface, we grow cold. And so Doctor Greenberg thinks the skin thermometer will be an excellent aid in any diseases involving circulation, such as hardening of the arteries or a blood clot.

But he also thinks the thermometer will be useful as a substitute for the old fashioned, shake down type.

"Quicker, more accurate, and think of the nursing hours that can be saved. Now it takes a nurse three minutes for a reading."

Here he paused as if recalling how quickly some nurses grab the thermometer out and hustle on. "Well, it should take three minutes. Anyway, this would save time."

HEAR HEART BEAT.

As for the heart microphone, Doctor Greenberg said no one ever has heard the human heart beat. All anyone has heard is the heart as it sounds from tuning in from the outside.

The microphone, so small it looks like the end of a wire, can be slipped all the way into the heart chambers.

The first one, Doctor Greenberg said, was sent to Johns Hopkins University, and he has high hopes that it will be useful in diagnosis of persons with congenital heart diseases.

HUMAN BATTERIES.

Probably most of us never have thought of ourselves as human batteries, but we are.

The machine that measures this has no medicinal value—it's used for measuring low ampere charges—but it will work on us, too.

A reporter, still game for any guinea piggishness, tested this, too.

The needle jumped, and a reading was made. "Exactly one-tenth of one millionth of an ampere," the demonstrator said.

"Not a very live wire guy," a rival reporter cracked.

The party seemed to be getting rough, so we left.

Lady Churchill Hurt

LONDON, June 8.—(AP)—Lady Churchill, 70, wife of former Prime Minister Sir Winston Churchill, broke her left wrist in a fall last night. She tripped going downstairs at their Hyde Park Gate home.