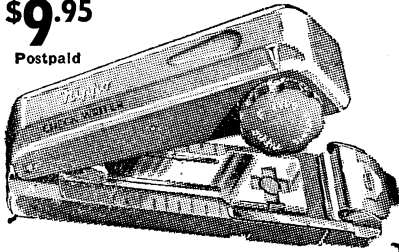


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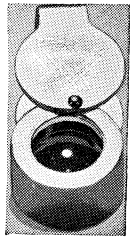
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severe neurologic involvement that surgical reconstruction is impossible.

• Science News Letter, 78:173 September 10, 1960

## Baths for Blood Pressure

➤ **PARTIAL BATHING** helps patients with high blood pressure, Dr. Takashi Sugiyama, Tohoku University Institute of Balneology, Japan, reported at the Third International Congress of Physical Medicine in Washington, D. C.

Dr. Sugiyama said a simple partial-bathing apparatus he devised had a normalizing action on blood pressure, which continues to fall with its use for two to three weeks.

Water bathing of the whole body or partial bathing of the extremities is a popular form of therapy for high blood pressure in Japan and other oriental countries.

• Science News Letter, 78:174 September 10, 1960

### MEDICINE

## Three Ounces of Whisky Raises Cholesterol

➤ **THREE OUNCES** of whisky will increase the cholesterol in the drinker's blood, four Minnesota researchers have reported.

The finding conflicts with an older theory that heavy drinking protects against hardening of the arteries. Cholesterol is a fatty substance many physicians have linked with artery disease, heart attacks and strokes.

In the tests, 30 volunteers in the Minnesota State Prison were given three ounces of 100-proof whisky a day, while 30 others received only a syrup of the same calorie content as the alcohol.

The alcohol caused a "small but significant" increase in serum cholesterol in the men. Similar tests in dogs showed a much greater rise in cholesterol blood levels.

Earlier studies had indicated chronic alcoholics might have a lower incidence of artery thickening than other persons. But the researchers say the new work made clear that alcohol cannot be considered a cholesterol decreasing agent.

The study is reported in Circulation Research, a journal of the American Heart Association, by Drs. Francisco Grande, Lyle J. Hay, H. William Heupel and Donald S. Amatusio of Mount Sinai Hospital and the University of Minnesota in Minneapolis.

• Science News Letter, 78:174 September 10, 1960

## Questions

**BIOLOGY**—What do the cords in a resting yeast cell resemble? p. 163.

**PHYSICS**—When were pi-mesons first suggested as a separate class of nuclear particles? p. 165.

**SOCIOLOGY**—What are the legal ages for marriage in Communist China? p. 167.

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