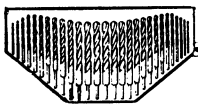


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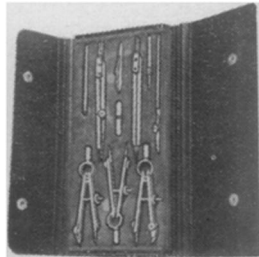
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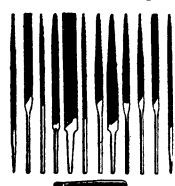
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**Human Blood Molecules Give Rats Artery Disease**

➤ **SIGNS** of the dangerous artery disease of man, atherosclerosis, have been produced in rats, a species naturally immune to the condition.

Injections of big fat-protein molecules from human blood made the rats get fatty deposits in their hearts and arteries. These fatty deposits are characteristic of early atherosclerosis, chief cause of death in the United States.

The finding gives further evidence for faulty fat transport as a cause of atherosclerosis, because the big fat-protein molecules are the form in which the body transports fat through the blood.

The fat-protein molecules differ in density, or weight per unit of volume. Abnormal quantities of the high density ones, the findings also suggest, may block the natural mechanism for removal of those of lower density.

The findings, made by Drs. Joseph Bragdon, Edwin Boyle and Richard Havel of the National Heart Institute, Bethesda, Md., are reported in the *Journal of Laboratory and Clinical Medicine* (July).

Science News Letter, October 13, 1956

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