

As controls, ground sensitized lung extract without antigen, when added to a sensitized horn and also when added to a normal horn, caused no contraction in either. Similarly, ground normal lung mixed with antigen when added to a sensitized horn gave a contraction, but not as great a one as compared to that of antigen alone.

When the same experiment was repeated with defibrinated blood and antigen, no exaggerated curves were obtained. On the other hand, liver and uterine tissues both gave curves similar to that of lung tissues.

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Type of audiometer for determination of acuity for air and bone transmitted sound.

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A phonograph telephone transmitter is led to the primary of a laboratory induction coil. The secondary of the coil is attached to a loud speaker. A group of individuals may be tested by employing a spoken record, preferably in verse, and gradually shifting the secondary toward the primary until the language is understood. This makes possible a rough separation of the members of the group into those of relatively good and relatively poor acuity. Those with relatively poor acuity may then be re-tested individually by using head-phones instead of the loud speaker; placing the secondary at a remote position and then rotating it across the field of the primary. Or with the secondary in extreme position, a variable resistance may be shunted across the secondary terminals. When the resistance reads zero, nothing passes through the head phones and as the resistance is gradually increased, the threshold may be readily attained and read off in terms of ohms. If the secondary is directly connected to a bone activating telephone receiver such as previously described,¹ the intensity required for bone activation may similarly be empirically determined. The apparatus is suggested as a solution for rapid quantitative testing of school children.

¹ Pohlman, A. G., and Kranz, F. W., *PROC. SOC. EXP. BIOL. AND MED.*, 1923, **xxi**, 335.