

Group Gives Audiometer Respirator To Hospital

An audiometer, used to pinpoint the exact site of inner ear lesions, and a respirator have been presented to University Hospital by the Woman's Auxiliary.

The presentation was made by Mrs. Joseph B. Workman and Mrs. Arlie R. Mansberger, Jr., to Dr. Robert W. Buxton.

Several Uses

In using the audiometer, the patient virtually charts a map of the affected area of hearing loss by pressing a button when he hears a specific tone. He then releases the button when the sound disappears.

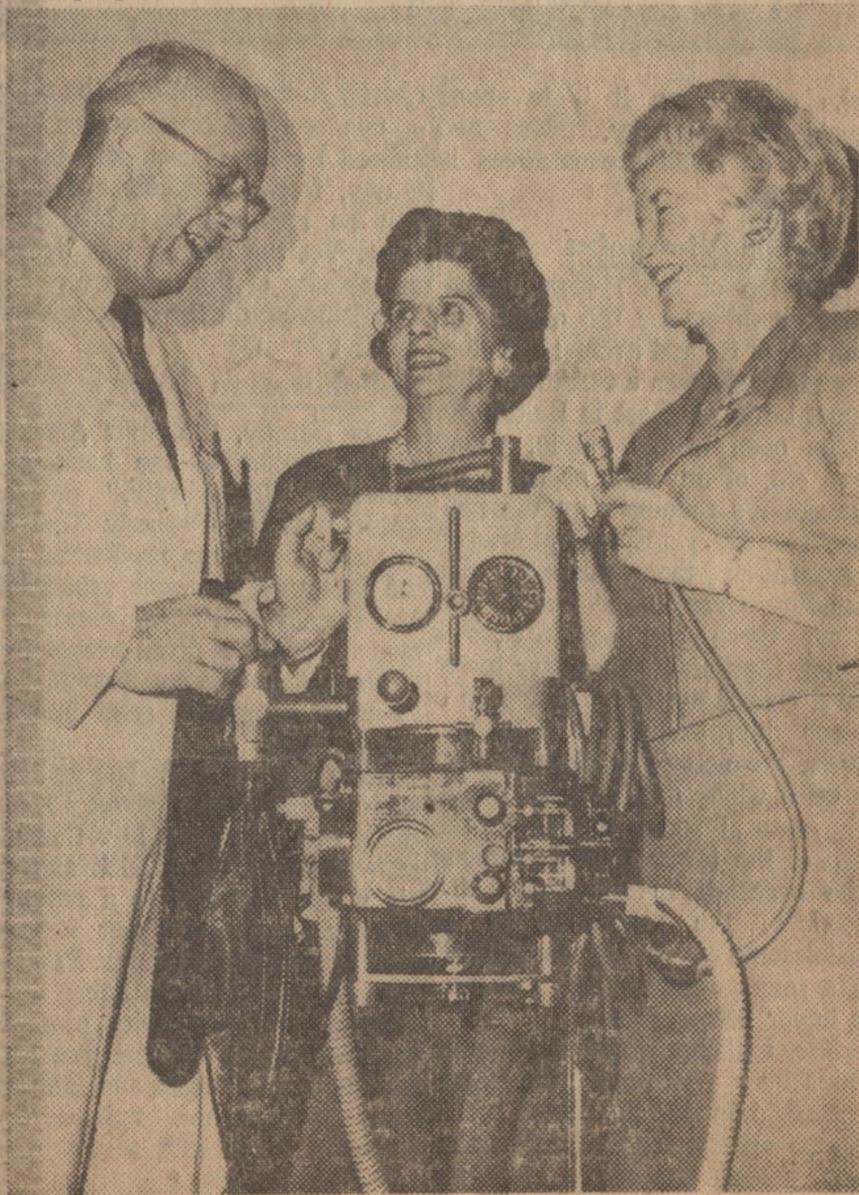
The Von Bekesy-designed apparatus has many diagnostic uses in hearing loss detection. In addition to its diagnostic values, the speed of its operation enables more people to be tested without

increasing the number of personnel.

How It Works

The respirator, or ventilator as it is sometimes called, is a small machine that helps the patient to breathe by forcing oxygen into the lungs. The expanded lungs then contract automatically, expelling the carbon dioxide, and the cycle is repeated.

An example of the respirator's usefulness is in the care of the patient with a crushed chest due to a steering wheel injury; another is following abdominal or chest surgery when the patient might not be breathing adequately. It is also valuable in medical problems, such as pneumonia, or for those whose respiration is impaired because they have taken an overdose of barbiturates.



HOSPITAL GIFT—Dr. Robert W. Buxton, left, of University Hospital, receives an audiometer and a respirator from Mrs. Joseph Workman and Mrs. A. R. Mansberger, Jr., of hospital auxiliary.

*Evening Sun, March 3, 1965
(Lost in one edition)*