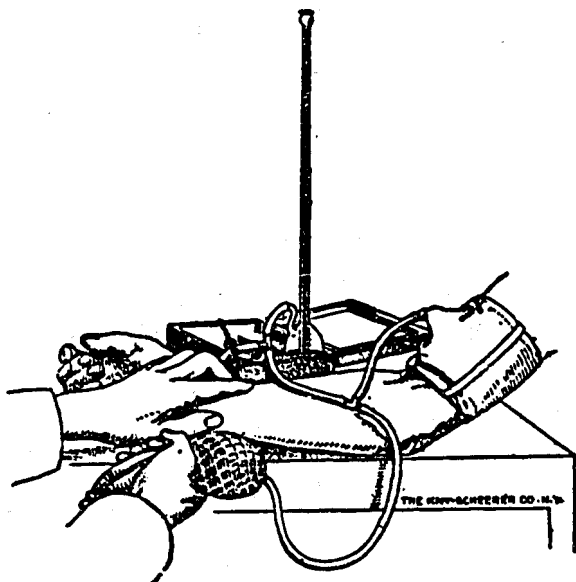


in pulse force and to meet such variations with proper therapeutic measures:

A closed system of air connects a rubber bulb held by operator, a rubber band placed around arm or leg of patient and a mercury manometer. By the law of gases, equal pressure is transmitted to every point throughout the air system. When the pressure is raised by the operator to such a point that the pulse of the patient distal to the constricting band is obliterated,



Riva-Rocci's Sphygmomanometer, modified by  
Cook, Johns Hopkins Hospital

the height of the mercury column in the manometer is equivalent to the maximum arterial blood pressure.

Any one at all trained in pulse palpation can make an accurate reading at the first trial, an estimation taking from fifteen to thirty seconds. The arm-piece is placed around the patient's upper arm, midway between elbow and shoulder, and adjusted to fit. The operator, with one hand, increases the pressure by squeezing the hand bulb, and with the other hand, palpates the patient's radial at the wrist, the height of mercury