

atmospheric pressure when the tonometer was opened. This is done by removing the pipette from the tonometer before all the blood has run out.

To dislodge the CO_2 from the blood, the stopper is removed with the usual precautions and about 0.25 c.c. of a saturated solution of tartaric acid placed in the small test tube. After closing and allowing for temperature changes, the acid is shaken with the mixture of blood and ferrieyanide, and the CO_2 thereby evolved measured by multiplying the displacement of the fluid in the manometer by a figure (the constant of the apparatus) obtained by a preliminary experiment in which a known amount of a standard carbonate solution is similarly treated.

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