



Physiology by the Laboratory Method For Secondary Schools

By William Joshua Brinckley

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 176 pages. Dimensions: 9.7in. x 7.4in. x 0.4in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1902 edition. Excerpt: . . . We cannot give in an elementary treating of this wonderful and complex phenomenon a complete description of why and how the blood flows, nor consider the various conditions which modify its quantity and force. There are, however, general principles with which we should become acquainted: ----1. That the great propelling force of the circulation is the ventricular contraction of the heart. This force alone is sufficient to force the blood from the aorta through arteries, capillaries, and veins to the right auriele, or from the pulmonary artery to the left auriele. 2. That the other forces, as resistance offered by the size of the capillaries, the muscular coats of the arteries, and the veins, the elasticity of the arteries, the pressure due to the contraction of skeletal muscles, in connection with the valves of the veins, which prevent a backward flow, the influence of...



Reviews

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