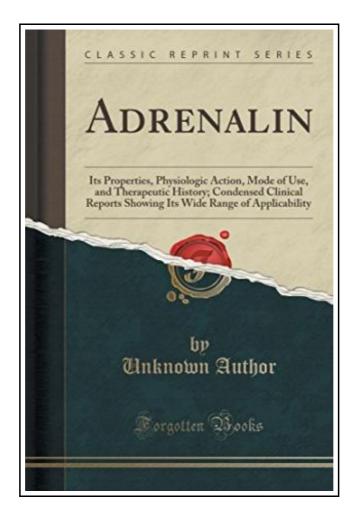
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Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Adrenalin: Its Properties, Physiologic Action, Mode of Use, and Therapeutic History; Condensed Clinical Reports Showing Its Wide Range of Applicability Adrenalin is the name given by Dr. Jokichi Takamine to the astringent, blood-pressure raising principle of the adrenals, or suprarenal glands, as first isolated by him. It is a grayish-white microcrystalline powder. It is slightly alkaline in reaction, and in the dry form quite stable; on heating, however, to 205 C. it turns brown, and at 207 C. melts and decomposes. Adrenalin is insoluble in alcohol or ether; sparingly soluble in cold, more soluble in hot water. It dissolve readily in dilute acids or fixed alkali hydroxides. Adrenalin has a slightly bitter taste and a temporarily benumbing effect upon the tongue. Solutions of Adrenalin for practical use are best made by the agency of the chloride; that is to say, Adrenalin Chloride is first formed by union of the crystals with hydrochloric acid, and then a normal solution of sodium chloride in water is added in vacuo. On prolonged exposure to the air, the aqueous solution is oxidized, becoming pink, then red, and eventually brown. When the last change in color occurs, the Adrenalin has lost its characteristic physiologic properties. In the vial, protected from air and light, the solution remains practically unchanged for many months. We market Adrenalin in vials containing one grain of the crystals; this form of the drug is not, however, in much demand for therapeutic purposes. The preparation usually employed is Adrenalin Chloride Solution, 1:1000, containing one part of Adrenalin Chloride in 1000 parts of physiologic or normal salt solution, with 0.5 per cent. chloretone. About the Publisher Forgotten Books...

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