

The Physiology Of The Domestic Animals A Text Book For Veterinary And Medical Students And Practitioners 1889

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The Physiology of the Domestic Animals

This Is A New Release Of The Original 1889 Edition.

The Physiology of the Domestic Animals V1

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. 1889 edition. Excerpt: ...they are not their sole source. The lymph-cells also originate wherever adenoid tissue is found, as in the mucous membrane of the stomach and intestines, in the thymus, tonsils, and spleen. The lymph of animals in active digestion is milky from admixture with the fatty chyle: such lymph is said to have a molecular basis from the finely divided fat-globules which it holds in suspension. These particles often exhibit Brownian movements. The amount of lymph can only be approximately estimated. It has been reckoned that for every two hundred and twenty pounds of body weight there is contained in the body about thirteen and a half pounds of lymph and chyle--seven and a half pounds being chyle and six pounds lymph. As much as six kilos of lymph have been collected in two hours from the lymphatic trunk in the neck of the horse, while in twenty-four hours ninety-five kilos of lymph and chyle have been collected from the thoracic duct of the ox. The amount of these two fluids (lymph and chyle) will evidently increase during digestion. Active and passive movements and increased blood pressure, as well as obstruction of the veins, by facilitating transudation from the blood-vessels, will increase the amount of lymph. Lymph is a viscid fluid, slightly less alkaline than blood, having a specific gravity that varies from 1022 to 1037, or occasionally as high as 1045. When removed from the body it coagulates in from five to twenty minutes, the process being analogous to the coagulation of bloodplasma, though much slower, perhaps on account of its high alkalinity. The coagulation of lymph may be accelerated by

the addition to it of a few drops of defibrinated blood by the addition thus accomplished of fibrin factors in larger amount. A soft, trembling...

The Physiology of the Domestic Animals; a Text-Book for Veterinary and Medical Students and Practitioners

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The Physiology Of The Domestic Animals: A Text-book For Veterinary And Medical Students And Practitioners

Excerpt from A Text-Book of Comparative Physiology for Students and Practitioners of Comparative (Veterinary) Medicine Some years of contact with students of comparative (commonly called veterinary) medicine, and a fair knowledge of the actual needs of the practitioner of this department of the medical art, have convinced me that the time has fully come when the text-books of physiology provided for students of human medicine, and which the former classes have hitherto been compelled to use, should be replaced by works written to meet their special wants and possibilities. In fact, so different from man are most of the animals which the veterinarian is called upon to treat, and therefore to understand, in health as well as in disease, that only the absence of suitable works of a special character can justify the use of those that confessedly treat of man alone. Unfortunately, till within the past year the English-speaking student of comparative medicine has been without a single work in his own language of the special character required. Within that period two have appeared - the excellent but ponderous Physiology of the Domestic Animals, by Prof. Smith, and my own Text-Book of Animal Physiology. It has, therefore, occurred to me that a somewhat smaller work than the latter, embodying the same plan, but with greater specialization for the domestic animals, would commend itself to both the students and the practitioners of comparative medicine. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

The Physiology of the domestic animals

This fully revised new edition of the classic reference on domestic animal physiology provides detailed descriptions of animal function and dysfunction, with an emphasis on clinical relevance and pedagogical features to enhance learning. • Presents in-depth, comprehensive descriptions of domestic animal function and dysfunction • Emphasizes clinical relevance, with clinical correlations, notes of relevance, and self-assessment questions featuring situations likely to be faced in practice • Offers pedagogical features, including chapter outlines and introductions, key terms throughout the book, additional images, questions to enhance learning, and self-assessment exercises • Distills the most useful information for ease of use, with improved continuity and reduced repetition • Includes a companion website offering review questions and answers and the figures from the book in PowerPoint

Medical Standard and North American Practitioner

Physiology.

Bulletin of the American Academy of Medicine

"Collection of incunabula and early medical prints in the library of the Surgeon-general's office, U.S. Army": Ser. 3, v. 10, p. 1415-1436.

Bulletin

This textbook is primarily targeted towards students of veterinary-, animal- and agricultural sciences, but it is also well suited for university courses in general and mammalian physiology. The textbook emphasizes functional aspects of physiology. The book contains color illustrations, short, clarifying statements placed in the margin, questions, and clinical examples.

Bulletin of the American Academy of Medicine

The British Homoeopathic Review