



The American Journal of Anatomy, 1920, Vol. 26 (Classic Reprint) (Paperback)

By Wistar Institute of Anatomy and Biology

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The American Journal of Anatomy, 1920, Vol. 26 The umbilical cord of the pig differs markedly from the human cord in that it is extensively vascularized, its connective tissue maintains throughout the gestation period largely its original embryonal character, and vasculogenic and hemopoietic activity persist to full term. The material upon which this investigation is chiefly based is a complete cord, 4 cm. in length, from a fetus of 16-cm. length. This fetus was secured in utero at the abattoir and preserved in 10 per cent formalin. Reckoned by length, it lacked between one and two weeks of full term. Portions of the cord from the proximal end, the middle, and the distal end, were imbedded both in celloidin and in paraffin. Serial sections were cut from the paraffin blocks and stained with hematoxylin and eosin. Some of the celloidinsections were similarly stained; others were stained with resorcin-fuchsin and counterstained with picric-acid-fuchsin, for a study of the elastic and collagen fiber content. A second specimen of a nearly full-term cord, for which I am indebted...



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