The Anatomy of the Human Embryo: A Scanning Electron-Microscopic Atlas

G. Steding
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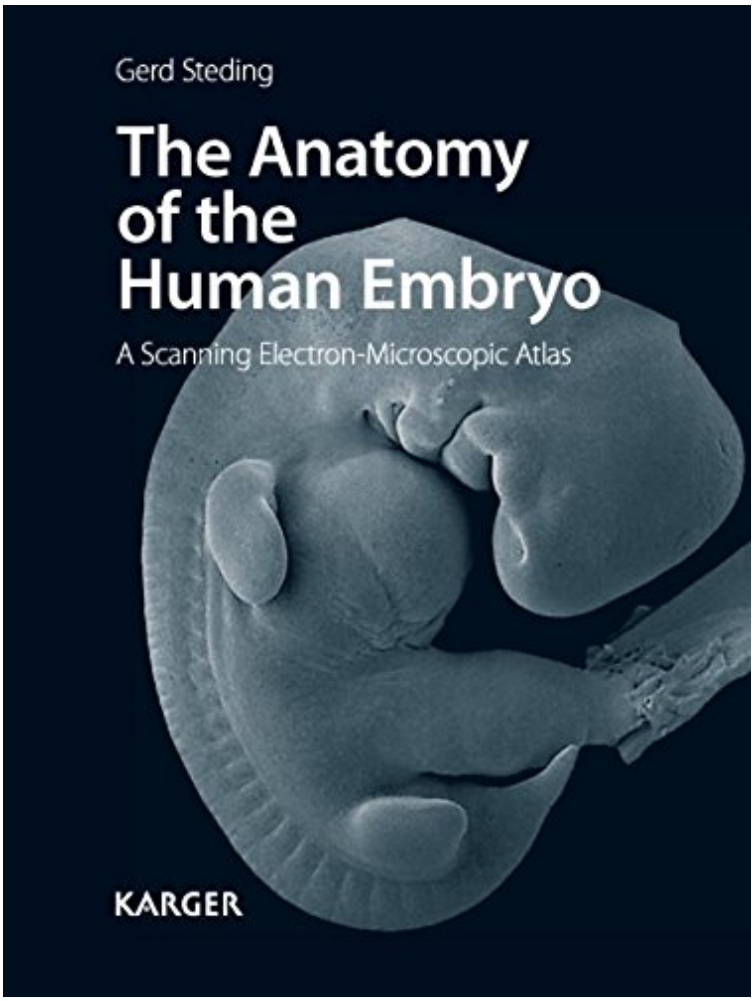

#7671710 in Books S Karger Pub 2011-03-04Original language:English 11.25 x 8.75 x 1.25l, 4.10 #File Name: 3805597053516 pages | File size: 53.Mb

G. Steding : The Anatomy of the Human Embryo: A Scanning Electron-Microscopic Atlas before purchasing it in order to gage whether or not it would be worth my time, and all praised The Anatomy of the Human Embryo: A Scanning Electron-Microscopic Atlas:

6 of 6 people found the following review helpful. Tiny images - It's an Atlas!By LewisI eagerly looked forward to receiving this volume. I expected to see high quality SEM images that would supplement the old drawings created by artists over the years and fill-in gaps in the visual story that still exist. I was disappointed to see images that are so small that they provide little to no detail. Some are in the one inch by one inch range - hardly useful! This is supposed to be an ATLAS - which to me means a visual guide - unfortunately, it doesn't meet that criterion and is more irritating than helpful. While it may be better than nothing - there is plenty of room for improvement. The publisher should be

embarrassed!2 of 3 people found the following review helpful. A Disappointment for the Embryology enthusiastBy David BonhommeThis book was a disappointment. It was a collection of many SEM and TEM images as well other micrograph images. This was a disappointment because when one obtains micrographs as well as SEM and TEM images, you expect to see much larger images than the ones that were published in this text. There was a lot of white space on the pages and I thought I would see much more information. I love looking at embryos and human embryology and I thought I would get more from this text. Sorry, but this will be a disppointment for the embryology enthusiast.1 of 1 people found the following review helpful. Excellent design, stunning imagesBy Melissa CThis book is an incredible resource. I am creating a series of detailed illustrations of anatomy of the human embryo face, and this book is the only resource that makes this project possible. (The photos and EM work of Jan E. Jirasek are very good, but not as comprehensive or systematic as the EMs presented in this book.)Each chapter of this book focuses on a region or organ of the developing human embryo. Each EM is intended to show a particular aspect of a region or organ, so only the first chapter has EMs of the entire embryo.The pages are designed to allow the reader to follow the development of a region or organ over time, and all images on a single page are printed to the same scale. For some regions, Dr. Steding has provided EMs from different angles. So for example, there is a series of the developing face from an anterior view, then from an oblique view.Some of the EMs are accompanied by line drawings with labels. Text is minimal, with brief explanations introducing each chapter.If you are looking for easy answers, this is not the book for you. If you want a detailed pictorial reference for development of the human embryo, this is it.The book also has high-quality paper and binding.

The present anatomical atlas concentrates on the early weeks of prenatal development of the human embryo. It comprises more than 800 scanning electron-microscopic pictures of specimens of exclusively human embryos. The three-dimensional appearing illustrations show the development of the external form of the face, neck, trunk and limbs. Besides, the brain and the viscera of the head, neck, thorax, abdomen and pelvis - all dissected into layers - are represented in their position and spatial form. The juxtaposition of pictures of temporally close developmental stages reveals the changes in the form of the organs. Photographs of the same organic system are usually shown at the same magnification and clearly demonstrate the growth process. Simple outline drawings provided with the principal nomenclature facilitate the orientation within the specimens. A brief introduction to each chapter explains the most significant developmental steps depicted. This atlas is of great interest not only to anatomists, embryologists, histologists and developmental biologists, but also to biologists, biochemists and geneticists. Moreover, it serves as a valuable reference book for clinicians such as gynecologists, obstetricians, pediatric surgeons and pediatric cardiologists.