



From Conception to Birth: A Life Unfolds

By Alexander Tsiaras

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From Conception to Birth: A Life Unfolds By Alexander Tsiaras

The splendor and beauty of a child's growth and development in the womb--seen through unforgettable images made possible by revolutionary advances in visualization technology

What's happening with the baby now? All expectant parents ask this question throughout the exhilarating months of pregnancy. Fuzzy sonograms and doctor's explanations can provide basic information, but through Alexander Tsiaras' remarkable achievements in medical imaging technology, parents can *see*, for the first time, the awe-inspiring process of a new life unfolding, in stunning, vivid detail.

The milestones of pregnancy which before could only be described can now be witnessed: the heart's first beats; the appearance of color in the eye; the emergence of toes and teeth; the brain and nervous system directing development; the first movement of tiny legs and arms; the first indications of gender; the wondrous symbiosis of mother and child; the symphony of the body's systems coming into being and working in concert. The book tracks the development of a baby from the moment of conception, through the explosively complex early stages of development and the amazing stages of growth as the baby is nurtured by the mother, ending with the joy of birth.

All this is made possible by revolutions in two sciences. As biologists have decoded the molecular basis of life, computer scientists have developed non-invasive, three-dimensional techniques for visualizing the body. Alexander Tsiaras has been a pioneer in merging these explorations and discoveries. He has created a virtual camera studio that enables him to view a human body or any part of it individually, scan it, enlarge it, rotate it, adjust its transparency so that we can view inside a living being, and light it from any angle. The result is an ability to illuminate the unseen elements that make us who we are, and the miraculous images in *From Conception to Birth*.

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Editorial Review

From Library Journal

Not a guidebook but a visual diary of fetal development via computer imaging.

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Review

Praise for Alexander Tsiaras and Anatomical Travelogue:

"A step into medicine's future."

-*Chicago Tribune*

"These images capture life and in their association with illness show it at its most mysterious and most vulnerable...A magical anatomy tour."

-*The New York Times*

"If there is to be an Audubon of the human form, Tsiaras can make rightful claim to the title."

-John Hockenberry, MSNBC

"A fascinating look at the inner workings of the human body."

-*Newsweek*

"This enormous cache of digital information is being transformed in a provocative new method of visualizing--and thereby understanding."

-*ID Magazine*

"[Tsiaras] reworks data to dazzling effects."

-*Scientific American*

From the Inside Flap

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