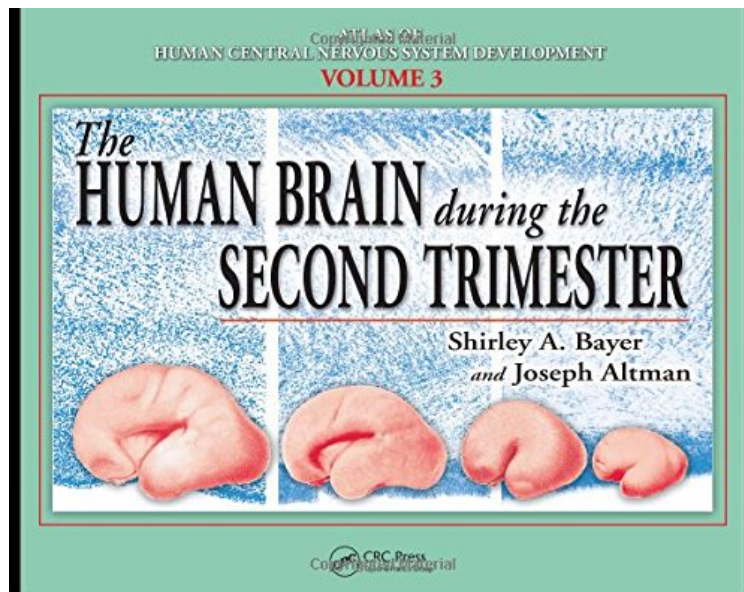


(Library ebook) The Human Brain During the Second Trimester (Atlas of Human Central Nervous System Development)

## The Human Brain During the Second Trimester (Atlas of Human Central Nervous System Development)

*Shirley A. Bayer, Joseph Altman*  
audiobook | \*ebooks | Download PDF | ePub | DOC



#2815905 in Books 2005-05-09 Original language: English PDF # 1 11.00 x 14.00 x .751, 4.73 #File Name: 0849314224384 pages | File size: 54.Mb

**Shirley A. Bayer, Joseph Altman : The Human Brain During the Second Trimester (Atlas of Human Central Nervous System Development)** before purchasing it in order to gauge whether or not it would be worth my time, and all praised The Human Brain During the Second Trimester (Atlas of Human Central Nervous System Development):

The brain in the second trimester, the subject of Volume 3, is nearing anatomical maturity throughout the brainstem. In contrast, the neurogenesis and neuronal migration are still in progress in the cerebral cortex and cerebellum. Consequently, the authors chose to focus on the migration, sojourning, and settling of the neuronal populations belonging to these immature structures. These observations can help researchers develop a better understanding of normal brain development at this formative stage. In this volume, the authors offer consideration of a new concept regarding human cortical development: the identification of the stratified transitional field (STF), which continues to play an important role in later stages. Until recently regarded as simply an intermediate and transitional layer of little significance, modern imaging techniques have shown that it is in the STF where cortical neural connections are first specified. Among other salient points, the development of this field may well bring to light those disruptions during development that lead to cerebral palsy.

This book should greatly advance our understanding of prenatal development of the brain, making immeasurable contributions to education, research and training of medical specialists and other personnel. Worldtrade.com