

IJOAR

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Book Review

“ ESSENTIALS OF NEUROANATOMY ”

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- Introduction

Book name: ESSENTIALS OF NEUROANATOMY. (Third Edition 2007)

Author: Dr. Asim kumar Datta. M.B.B.S., M.S. (CAL), F.S.M.F.

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- **Summary**

In this present edition author contributed five various sections which includes general considerations of Neuroanatomy, Brain and Spinal cord, PNS, ANS, and Yoga.

Section 1: General considerations includes structure of neuron, proprioceptions, neuro-muscular junction anatomy.

Section 2: Brain and Spinal includes descriptions of procencephalon, mesencephalon, rhombencephalon and metencephalon in well organized manner. Along with blood supply of structure explained. This section concluded with description of meninges and spinal cord.

Section 3: Peripheral Nervous System explains cerebro spinal nerves i.e. cranial nerves and spinal nerves.

Section 4: Autonomous Nervous System includes sympathetic and parasympathetic system and concept of radiological neuro imaging.

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Section 5: Explains Yoga and its impact on medical sciences. With the help of ashtang yoga, kundalini shakti, naadi vignana, the shatchakras author explains its role in maintaining well being.

Author acknowledges to the faculty of radiology, artists, photographers, and students involved in formation of this book.

It is clear that this book, enriched with new information will provide a useful guidebook of Neuroanatomy to medical students, as well as to those who are engaged in clinical Neurology.

This book is designed so that the information is presented without confusing detail involving complicated neural connections. The arrangement permits the students and future health providers to quickly recall the essential features necessary for the diagnosis and treatment of patients.

Strengths:

- ❖ An atlas of the brain.
- ❖ Chapter objective.

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- ❖ Schematic illustrations.
- ❖ Clinical and applied anatomy boxes
- ❖ Clinical problems with explanations.

Weakness:

- ❖ Limited number of real human brains and sections.
- ❖ Lack of A labeled and color atlas of the brain and its sections.
- ❖ Limited ct /mri images.
- ❖ Lack of current neuro imaging techniques.
- ❖ Non-customizable self-assessments.
- ❖ Very limited online resources.
- ❖ Confusing illustrations.

