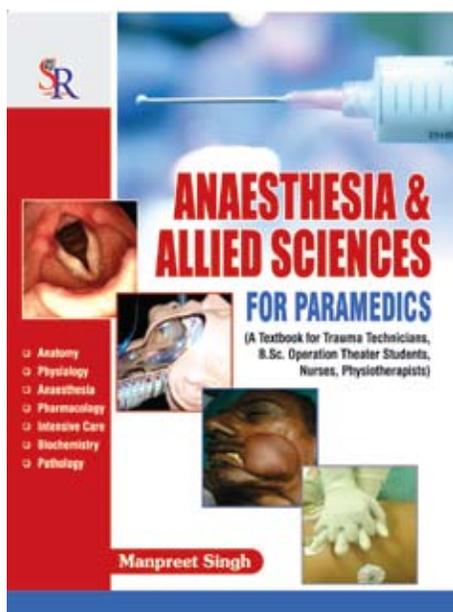


## BOOK REVIEW

# Anaesthesia and Allied Sciences for Paramedics, 2013, First Edition

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'Anaesthesia and Allied Sciences for Paramedics' is the first book of its kind published in India. It is a comprehensive textbook aimed at providing paramedical staff undergoing training during various course to enable them to work as anesthesia assistants. It is useful for nursing staff, working in the operating rooms, PACU's and intensive care units.

The book has been divided into six sections, which have been colour coded for easy identification. Each section covers core knowledge of a particular part of the curriculum;

**Section one:** Consists of anatomy, physiology and clinical biochemistry for paramedics. Details of all muscles, bones and joints along with their actions, nerves and vessels are compiled in a tabular form so that it can be easily learnt and recapitulated by students. Essential physiology and clinical biochemistry are concised subsections of this section.

**Section two:** provides every detail about anaesthesia and its various sub-specialities. This section has 40 chapters i.e from history of anaesthesia till modular operation theatre suit details. Apart from basics of anaesthesia and sub-

specialities of anaesthesia, it highlights operation theatre suit, air-conditioning of Operation theatre and ICU, sterilization, pain management, dialysis room management and transportation of patients and anaesthesiologists.

**Section three:** 'Pharmacology in Anaesthesia' describes intricacies of all anaesthetic drugs and emergency drugs. These drugs are described in tabular forms in easy language. This section will help the students to explain the drugs that are asked in table viva during examination.

**Section four:** covers all the anaesthesia instruments. These includes anaesthesia machine , automated external defibrillator, sutures, vaporizers and all airway management equipments. The details of instruments will be very beneficial for the students during training periods, examination, table viva and day-to-day practice.

**Section five:** provides knowledge of 32 unique topics of modern anaesthetic practices that requires utmost attention. It highlights brief knowledge about clinical audit, hospital waste management, ECG, EMG, cardiopulmonary resuscitation 2010 guidelines, intensive care topics and physics in anaesthesia.

**Section six:** highlights all the scoring systems, algorithms and grading in anaesthesia. The students will be elated to read this section as they will feel comfortable to find all information at one place.

The book is a comprehensive compilation of all of the relevant knowledge, which has added to its size, which, at first sight seems to be an overworked one. The sheer weight and the large dimensions of this book are the major setbacks, which may distract the students. One may suggest that the book should be divided into two or more volumes or the contents be reviewed to cut it to size.

Anyhow, this book will be extremely useful to even residents of anaesthesiology and paramedics i.e. BSc Medical Technology students, operation theatre technicians, nurses, physiotherapists and trauma technicians. The student are not expected to move away from it and it will prove to be very useful in preparation of their examinations, skill development and knowledge enhancement.