

Name of Book	Block 1
Name of Elective	Sectional Anatomy with correlation to CT/MRI
Location of hospital Lab or research facility	Dept. of anatomy
Name of internal preceptor (s)	Mrs. Anshu Soni
Name of external preceptor (if applicable)	-
Learning objectives of elective	1. To study cadaveric section of thorax, abdomen and pelvis 2. To observe the structures from a sectional perspective 3. To correlate the cross sectional anatomy to radiological images seen on CT & MRI. 4. To consolidate the information and facilitate recall for clinical correlation.
Number of students that can be accommodated in this elective	4
Pre-requisites for elective	Basic Anatomical Knowledge
Learning resources for students	• Gray's anatomy textbook – 42nd Edition • Netter Atlas of Human Anatomy Classic & Regional Approach – 8th Edition • Radiology and Imaging for Medical Student.
List of activities of student participation	a. Each student will study transverse sections at the following levels • Thoracic • Lumbar b. Each student will study longitudinal sections at the following levels • Full term foetus to see arrangement of viscera • Sagittal Section Head & Neck • Male Pelvis • Female Pelvis c. Correlate CT and MRI images
Portfolio entries required	i. Complete list of activities ii. Summary of the work done
Log book entry required	Satisfactory, completion of posting signed by preceptor with a 'meets expectations'- "M" grade
Assessment	a. Attendance minimum 75% b. Completion of activities of elective posting c. Assessment which include formative and summative assessment
Other comments	

Logbook- *cum*- Portfolio

Elective Module: Sectional Anatomy with correlation to CT/MRI

Sectional Anatomy with correlation to CT/MRI

CT and MRI are used as common imaging techniques to visualize the structures for diagnostic purposes. These new imaging techniques require that the medical student as well as physician understand the structural relationships of the body from a perspective different from that observed during dissection of a cadaver. Medical students must develop a concept of body in three dimensions and must be able to create a vivid image of three dimensional relationships in their mind to read and interpret a CT/MRI.

This module has been formulated with an aim in mind to expand the knowledge and understanding of normal human anatomy from a sectional view. The cadaveric sections both transverse and longitudinal will be studied at various levels. This Elective is a specialized opportunity for interested students for learning the basics of Sectional Anatomy. The modalities of Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) in particular will be used in correlation with cadaveric cross sections to acquaint students primarily with normal anatomy as seen clinically.

In nutshell, this module is highly relevant to the students in the various clinical postings.

Logbook- *cum*- Portfolio

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