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|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Book                                                 | Block 1                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Name of Elective                                             | Interpretation of normal radiographs with correlation to surface anatomy                                                                                                                                                                                                                                                                                                                                                         |
| Location of hospital Lab or research facility                | Dept. of anatomy                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Name of internal preceptor (s)                               | Dr. Meenakshi Aggarwal                                                                                                                                                                                                                                                                                                                                                                                                           |
| Name of external preceptor (if applicable)                   | -                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Learning objectives of elective                              | <ol style="list-style-type: none"> <li>1. To study the anatomical structures in normal radiograph</li> <li>2. To correlate the structure on the cadavers</li> </ol>                                                                                                                                                                                                                                                              |
| Number of students that can be accommodated in this elective | 4                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Pre-requisites for elective                                  | good laboratory practice                                                                                                                                                                                                                                                                                                                                                                                                         |
| Learning resources for students                              | <ul style="list-style-type: none"> <li>• Surface and radiological Anatomy with a Clinical Perspective 2<sup>nd</sup> Edition by Ashwini C Appaji, Roopa Kulkarni.</li> <li>• B D CHAURASIA'S HUMAN ANATOMY. Vol – 1,2,3 (9<sup>th</sup> Edition)</li> <li>• Clinical Anatomy by regions by Richard S. Snell</li> </ul>                                                                                                           |
| List of activities of student participation                  | <ol style="list-style-type: none"> <li>a. Each student will be given 10 radiographs of different regions to study</li> <li>b. Each student will be given 10 radiographs of different regions to interpret <ul style="list-style-type: none"> <li>- The student will identify the anatomical structures on X-rays.</li> <li>- Then student will identify those structures on the cadaver and correlate it.</li> </ul> </li> </ol> |
| Portfolio entries required                                   | <ol style="list-style-type: none"> <li>i. Complete list of activities</li> <li>ii. Summary of the work done</li> </ol>                                                                                                                                                                                                                                                                                                           |
| Log book entry required                                      | Satisfactory, completion of posting signed by preceptor with a 'meets expectations'- "M" grade                                                                                                                                                                                                                                                                                                                                   |
| Assessment                                                   | <ol style="list-style-type: none"> <li>a. Attendance minimum 75%</li> <li>b. Completion of activities of elective posting</li> <li>c. Assessment of 100 marks which include formative and summative assessment (passing criteria 50%)</li> </ol>                                                                                                                                                                                 |
| Other comments                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## **Logbook- *cum*- Portfolio**

Elective Module: Interpretation of normal radiographs with correlation to surface anatomy

### **Interpretation of normal radiographs with correlation to surface anatomy**

The study of anatomy by using x-rays is referred to as radiological anatomy. Many a fact in gross anatomy can be revealed and demonstrated in a radiograph. Radiographs are an essential element in clinical diagnosis and a doctor has therefore to be well conversant with the anatomy of the normal radiograph of various region before he can be proficient in the interpretation of complexities in disease.

Learning activities of module will include revising the surface anatomy of relevant areas on cadavers and identifying the same in given radiographs. The students will be assessed on the basis of logbook entries and formative assessment.