

NAME OF BLOCK	Radiodiagnosis
NAME OF ELECTIVE	Role of USG as a diagnostic tool
LOCATION OF HOSPITAL LAB OR RESEARCH FACILITY	Department of Radiodiagnosis, Dayanand Medical College And Hospital
NAME OF INTERNAL PRECEPTOR(S)	Dr. Suryaveer Singh
NAME OF EXTERNAL PRECEPTOR IF APPLICABLE	
LEARNING OBJECTIVES OF ELECTIVE	1. To understand Ultrasound equipment and basic USG physics. 2. To understand important points of PCPNDT act. 3. To learn pre procedure patient preparation. 4. To identify common pathologies on ultrasound like pleural effusion, ascites, appendicitis, cholecystitis, acute pancreatitis, liver abscess, nephrolithiasis, pyelonephritis , uterine fibroids and benign prostate hypertrophy. 5. To understand and observe common obstetric ultrasound scans like biometry, NBNT scan, level II scan and fetal doppler.
List of activities of student participation	1. Participate in history taking 2. Participate in patient preparation and consent acquisition 3. To understand and observe reporting of common pathologies on USG. 4. To present common imaging patterns atleast once per week in departmental meeting
Number of students that can be accommodated in this elective	Two

Prerequisites for elective	Understanding of basic physics of ultrasound and normal anatomy of abdomen.
Learning Resources	Lecture, demonstration
Portfolio entries required	Case record of at least 20 patient of common pathologies undergoing USG .
Log book entry required	Satisfactory completion of posting by preceptor
Assessment	Attendance, Successful verification of required portfolio entries, Successful completion of the posting as certified in the log book with a “meets expectation ‘M’ grade

Introduction

This module is designed to help the students to learn the role and indications of Ultrasound Imaging in various common abdominal pathologies and obstetrics.