**OVERALL EDUCATIONAL GOAL OF ELECTIVE**
The primary goal is to help the student develop an appreciation of the strength and weakness of each type of radiologic diagnostic procedure as it is related to the evaluation of specific patient problems in the day to day clinical setting.

**OBJECTIVES**
To provide a broader understanding of the principles of radiology and a familiarity with the many diagnostic and therapeutic modalities. Also to learn the value of radiological techniques, identify their limitations and to understand their role in the management of the patient.

I. Patient care - To understand the flow of a patient through the radiology department. To understand the different imaging modalities for individual patients.

II. Medical knowledge - To be able to use diagnostic imaging and apply them to patient care.

III. Practice-based learning and improvement – To be able to perform appropriate literature searches to aid in patient care.

IV. Interpersonal and communication skills – To be able to speak and interact well with patients and their families, and the other health professionals in the radiology department.

V. Professionalism – To be able to behave and interact with the patients and staff in a very ethical compassionate manner.

VI. Systems-based Practice – N/A
**Brief Description of Activities**
This four-week elective is offered January-December and encompasses the full range of diagnostic radiology including plain film, sonography, nuclear medicine, fluoroscopy, CT scanning, MRI examinations and interventional radiology. A staff of certified radiologists provides a daily personal teaching format, with exposure to both inpatient and outpatient imaging.

**Method of Student Evaluation**
Formal evaluation by the instructor

**Are there any prerequisites for this elective?** No

**Is this elective available to third year medical students as well?** Yes