

Use these topics as a guide and do not copy the same topics

Evaluation of thyroid nodules by ultrasound elastography using acoustic radiation force impulse (ARFI) imaging

Highresolution sonography in the evaluation of non traumatic painful wrist

Sonoelastography and triphasic computed tomography in the evaluation of focal liver lesions

Comparative evaluation of multi-detector computed tomography (MDCT) virtual tracheo-bronchoscopy and fiberoptic tracheo-bronchoscopy in airway diseases

Evaluation of lesions of major salivary glands using ultrasound elastography

Evaluation of peripheral nerve lesions with high resolution ultrasonography and colour doppler

Role of multi detector computed tomography in paranasal sinus pathologies

Radiological spectrum of chest diseases in HIV infected children

High resolution ultrasonography in neck masses in children

Multidetector computed tomographic features of abdominal hernias

Multidetector computed tomography in oesophageal varices

To evaluate the status of coronary arteries in patients with non-valvular atrial fibrillation using 256 multirow detector CT scan

Comparative study of multiphase contrast enhanced CT and contrast enhanced MRI in the evaluation of hepatic mass lesions

The influence of volumetric tumor doubling time on survival of patients with intracranial tumours

Role of three dimensional multidetector CT hysterosalpingography in female factor infertility

Role of multislice CT scan and barium swallow in the estimation of oesophageal tumour length

Ultrasonography compared to computed tomographic arthrography in the evaluation of shoulder pain

Contrast induced nephropathy in diagnostic imaging investigations with intravenous iodinated contrast media

Sonographic evaluation of clubfoot correction during ponseti treatment

Role of high resolution ultrasonography in differentiation of benign and malignant thyroid lesions

1.	Role of perfusion computed tomography in the evaluation of cerebral blood flow, blood volume and vascular permeability of cerebral neoplasms
2.	Multi detector computed tomography evaluation in chronic obstructive pulmonary disease and correlation with severity of disease
3.	Evaluation of suspected and known coronary artery disease by 128 slice multi detector ct.
4.	Role of multidetector computed tomography in neck lesions
5.	Role of multidetector computed tomography in pediatric chest masses
6.	Comparison of diagnostic efficacy of ultrasonography and magnetic resonance cholangiopancreatography in obstructive jaundice: A prospective study
7.	Evaluation of diagnostic accuracy of ultrasonography, colour doppler sonography and low dose computed tomography in acute appendicitis
8.	Comparison of colour doppler and digital subtraction angiography in occlusive arterial disease in patients with lower limb ischemia
9.	Comparison of dynamic susceptibility contrast-enhanced perfusion magnetic resonance imaging and single photon emission computed tomography in patients with little's disease

No.	
1.	MDCT colonography and double contrast barium enema in evaluation of colonic lesions
2.	Evaluation of focal liver lesions by colour doppler and MDCT perfusion imaging
3.	Comparative evaluation of gastric lesions by double contrast barium upper G.I. and multi detector computed tomography
4.	"Multidetector Computed Tomography in Paediatric abdominal masses".
5.	Multidetector computed tomography in hepatobiliary lesions
6.	Role of sonography in assessment of clubfoot
7.	Pre-operative radiological evaluation of locally aggressive and malignant musculoskeletal tumours by computed tomography and magnetic resonance imaging.
8.	Role of doppler ultrasound and multi detector CTangiography in evaluation of peripheral arterial diseases.
9.	Estimation of standard liver volume in Indian population
10.	Comparison of perfusion magnetic resonance imaging (PMRI), magnetic resonance spectroscopy (MRS) in and positron emission tomography - computed tomography (PET/CT) in post radiotherapy treated gliomas to detect recurrence

No.	
1.	The Role of Extended field-of-view Sonography and compound imaging in Evaluation of Breast Lesions
2.	Evaluation of Portal Hypertension with Colour Doppler flow imaging and magnetic resonance imaging
3.	Role of Magnetic Resonance Imaging in Intractable Epilepsy
4.	Role of Multidetector Computed Tomography in Bowel Lesions
5.	Role of Multidetector Computed Tomography in patients with blunt abdominal trauma
6.	Role of Sonography in Characterization of Thyroid Nodules for differentiating benign from Malignant Lesions-A Prospective Study
7.	Role of Ultrasound and MR Imaging in the Evaluation of Musculotendinous Pathologies of Shoulder Joint
8.	Role of Magnetic Resonance Angiography in the Evaluation of Diseases of Aorta and its Branches
9.	Evaluation of Role of Transperineal Ultrasound and Magnetic Resonance Imaging in Urinary Stress incontinence in Women
10.	Utility of MR Urography Versus Conventional Techniques in Obstructive Uropathy

Evaluation of focal breast lesions using ultrasound elastography

Evaluation of hepatic fibrosis in chronic liver disease using ultrasound elastography

Evaluation of focal pancreatic lesions by multidetector CT and perfusion CT

Sonographic spectrum of rheumatoid arthritis

Role of multidetector CT in the evaluation of small bowel obstruction

Role of gray scale and colour doppler ultrasonography in evaluation of neonatal cholestasis

Evaluation of breast masses on sono-mammography and colour doppler imaging

Role of multidetector computed tomography in evaluation of jaw lesions

Evaluation of adnexal masses on sonomorphology and color doppler imaginig

Role of dual phase multidetector computed tomography in gallbladder lesions

Role of multidetector computed tomography in evaluation of paediatric retroperitoneal masses

Evaluation of diagnostic accuracy of ultrasonography with colour doppler vs low dose computed tomography in salivary gland disease

Role of ct urography in the evaluation of a "Dilated' ureter"

Diagnostic usefulness of low dose spiral HRCT in diffuse lung diseases

Sonographic imaging in male infertility

Multidetector ct urography in the evaluation of hematuria

MDCT fistulography in evaluation of fistula in Ano

Multimodality imaging evaluation of sacroiliitis in newly diagnosed patients of spondyloarthropathy

Multimodality imaging in evaluation of palpable & non palpable breast lesion



### Radio Diagnosis

Multidetector computed tomography in pancreatic lesions

Transperineal ultrasonography in infants with anorectal malformation

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High resolution ultrasonography and color doppler ultrasonography in scrotal lesions

Triple phase multi detector computed tomography in hepatic masses

A study of multidetector computed tomography urography in urinary tract abnormalities

A study of multivessel (arterial and venous) doppler velocimetry in intrauterine growth restriction

Role of perfusion computed tomography in characterization of colonic lesions

Role of perfusion computed tomography in the evaluation of neck masses and correlation with surgical findings

Comprehensive imaging of renal masses by magnetic resonance imaging

Evaluation of musculoskeletal lesions by magnetic resonance imaging

Comprehensive imaging of acute ischemic stroke on multidetector CT

Characterisation of pulmonary nodules by dynamic contrast enhanced multi detector CT

Sonographic evaluation in adhesive capsulitis of shoulder

Role of chest sonography in diagnosing pneumothorax

Role of high resolution sonography in assessment of ulnar nerve in patients with leprosy



High resolution computed tomography of temporal bone in unsafe chronic suppurative otitis media

CT enterography in evaluation of small bowel disorders

A comparative study of ultrasonography and CT - arthrography in diagnosis of chronic ligamentous and meniscal injuries of knee

Diagnosing renal artery stenosis: Comparison of multimodality imaging in diabetic patients

Radiological evaluation of aortic aneurysms in patients selected for endovascular repair

List of thesis topics for Radiology MD/DNB  
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<b>S.No.</b>	<b>Title (Plan of Thesis)</b>
1.	STUDY THE ROLE OF REGIONAL DIFFUSION TENSOR IMAGING IN THE EVALUATION OF INTRACRANIAL GLIOMAS AND ITS HISTOPATHOLOGICAL CORRELATION.
2.	STUDY TO ASSESS THE ROLE OF DOPPLER ULTRASOUND IN EVALUATION OF ARTERIOVENOUS (AV) HEMODIALYSIS FISTULA AND THE COMPLICATIONS OF HEMODIALYSIS VASULAR ACCESS.
3.	ROLE OF MAGNETIC RESONANCE PERFUSION WEIGHTED IMAGING & SPECTROSCOPY FOR GRADING OF GLIOMA BY CORRELATING PERFUSION PARAMETER OF THE LESION WITH THE FINAL HISTOPATHOLOGICAL GRADE.
4.	ROLE OF DIFFUSION WEIGHTED MRI IN EVALUATION OF PROSTATE LESIONS AND ITS HISTOPATHOLOGICAL CORRELATION.
5.	CT QUANTIFICATION OF PARENCHYMAL AND AIRWAY PARAMETERS ON 64 SLICE MDCT IN PATIENTS OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE.
6.	ROLE OF 64 SLICE-MULTI DETECTOR COMPUTED TOMOGRAPHY IN DIAGNOSIS OF BOWEL AND MESENTERIC INJURY IN BLUNT ABDOMINAL TRAUMA.
7.	ROLE OF MODIFIED SONOHYSTEROGRAPHY IN FEMALE FACTOR INFERTILITY: A PILOT STUDY.
8.	IMAGING OF UPPER AIRWAYS FOR PRE-ANAESTHETIC EVALUATION PURPOSES AND FOR LARYNGEAL AFFLICTIONS.
9.	SONOGRAPHIC EVALUATION OF PERIPHERAL NERVES IN TYPE 2 DIABETES MELLITUS.
10.	EVALUATION OF VARICOSE VEINS-COMPARATIVE ASSESSMENT OF LOW DOSE CT VENOGRAM WITH SONOGRAPHY: PILOT STUDY
11.	HIGH RESOLUTION 3 TESLA MRI IN THE EVALUATION OF ANKLE AND HINDFOOT PAIN.
12.	ROLE OF DYNAMIC CONTRAST ENHANCED AND DIFFUSION WEIGHTED MAGNETIC RESONANCE IMAGING IN EVALUATION OF ENDOMETRIAL LESIONS.

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13.	MULTIPARAMETRIC 3TESLA MRI OF SUSPECTED PROSTATIC MALIGNANCY.
14.	MAGNETIC RESONANCE EVALUATION OF ABDOMINAL TUBERCULOSIS.
15.	DIFFUSION WEIGHTED AND DYNAMIC CONTRAST ENHANCED MAGNETIC RESONANCE IMAGING IN CHEMORADIOTHERAPEUTIC RESPONSE EVALUATION IN CERVICAL CANCER.
16.	COMPARATIVE EVALUATION OF MDCT AND 3T MRI IN RADIOGRAPHICALLY DETECTED JAW LESIONS.
17.	ROLE OF MULTIDETECTOR COMPUTED TOMOGRAPHY IN THE EVALUATION OF PAEDIATRIC RETROPERITONEAL MASSES.
18.	ROLE OF MULTIDETECTOR COMPUTED TOMOGRAPHY IN ASSESSING ANATOMICAL VARIANTS OF NASAL CAVITY AND PARANASAL SINUSES IN PATIENTS OF CHRONIC RHINOSINUSITIS.
19.	ROLE OF ULTRASONOGRAPHY IN EVALUATION OF VARIOUS CAUSES OF PELVIC PAIN IN FIRST TRIMESTER OF PREGNANCY.
20.	SPECTRUM OF IMAGING FINDINGS IN CHILDREN WITH FEBRILE NEUTROPENIA.
21.	SPECTRUM OF RADIOGRAPHIC APPEARANCES IN CHILDREN WITH CHEST TUBERCULOSIS.
22.	ROLE OF MULTIDETECTOR COMPUTED TOMOGRAPHY IN ASSESSMENT OF JAW LESIONS