

Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses held on **Thursday, 9<sup>th</sup> January 2025,** at **09:30 a.m.** in University of Health Sciences, Lahore.

Sr.	Name of Candidate	Supervisor	Date of Submission	Title
1.	Dr. Mudasira Habib 2022-23	Prof. Dr. Abdul Sattar Anjum Professor of Radiology Nishtar Medical University, Multan	26-Jun-24 Count: 1	Comparison of diagnostic accuracy of shearwave elastography and MRI in differentiating solid breast masses taking histopathology as gold standard
2.	Dr. Abdur Rahman 2022-23	Dr. Iram Iqbal Associate Professor of Radiology Services Institute of Medical Sciences, Lahore	30-Jul-24 Count: 2	Accuracy of magnetic resonance cholanglopancreatography in identifying choledocholeithiasis in patients with obstructive jaundice using surgical findings as the gold standard
3.	Dr. Amina Ilyas 2020-21	Prof. Dr. Saulat Sarfraz Head Department of Radiology Sheikh Zayed Federal Postgraduate Institute, Lahore	26-Aug-24 Count: 1	Diagnosis accuracy of diffusion- weighted imaging (DWI) in differentiating low grade gliomas from high grade gliomas histopathology being the gold standard
4.	Dr. Annam Iqbal 2023-24	Prof. Dr. Saima Ameer Head Department of Radiology Postgraduate Medical Institute, Lahore	27-Aug-24 Count: 1	Comparison of sensitivity and specificity of shear wave elastography and mammography in malignant breast lesions with BIRAD IV-V Catogary, taking histopathology as gold standard
5.	Dr. Hafiza Manal Ahmed 2023-24	Dr. Sadaf Urooj Associate Professor of Radiology Allama Iqbal Medical College, Lahore	3-Sep-24 Count: 1	Diagnostic accuracy of O-RADS MRI versus O-RADS ultrasound taking histopathology as gold standard
6.	Dr. Ayyaz Arshad 2021-22	Prof. Dr. Saima Ameer Head Department of Radiology Postgraduate Medical Institute, Lahore	4-Sep-24 Count: 1	Comparative analysis of ultrasound and magnetic resonance imaging for lateral meniscus tear of knee joint taking arthroscopy as gold standard
7.	Dr. Hafiza Maria Arshad 2022-23	Dr. Amber Goraya Associate Professor of Radiology University of Child Health Sciences, Lahore	19-09-2024 Count: 1	Comparison of diagnostic accuracy of ultrasound and contrast enhanced computed tomography in acute pancreatitis taking serum lipase as gold standard in paediatric age group
8.	Dr. Zoha Maryam 2023-24	Dr. Kamran Naseem Associate Professor of Radiology Quaid-e-Azam Medical College, Bahawalpur	30-09-2024 Count: 1	Comparative analysis of craniospinal sonography and cranial sonography in CSF proven neonatal meningitis before and after treatment

	Dr. Bushra Maryam	Dr. Muhammad Amin Associate Professor of	29-Oct-24	Diagnostic accuracy of doppler resistive index versus triphasic CT abdomen in
9.	2022-23	Radiology Ch. Pervaiz Elahi Institute of Cardiology, Multan	Count: 1	cirrhotic patients having a focal liver lesion in differentiating benign and malignant lesions taking histopathology as gold standard
10.	Dr. Sundas Fatima 2020-21	Dr. Sajida Majeed Assistant Professor of Radiology Sheikh Zayed Medical College, Rahim Yar Khan	13-Nov-24 Count: 2	Diagnostic accuracy of dual-energy CT KUB to dietermine the characteriztion of urolithiasis taking chemical analysis as gold standard
11.	Dr. Amrita Rizwan Ali (2018-19)	Dr. Sarfraz Ahmed Khawaja Muhammad Safdar Medical College, Sialkot	26-Nov-2024 Count: 1	Diagnostic accuracy of ultrasound in detecting ureteric calculus in obese patients coming to department of radiology of Allama Iqbal Memorial Hospital, Sialkot

#### Note:

All proposed Supervisors who do not have Supervisory Certificate as per UHS eligibility criteria are requested to complete their deficiencies mandatorily within **six months**, failure of which may lead to deferral of synopsis of their candidate(s) in the subsequent submission.



Agenda of the Meeting of Speciality Advisory Committee in **Radiology** for review of MD synopses to be held on **Wednesday**, **10**<sup>th</sup> **of January 2024**, **10:00 a.m.** in University of Health Sciences, Lahore.

Sr.	Name of Candidate	Supervisor	Date of Submission	Title
1.	Dr. Sarmad Mehmood (Revised) (2020-21)	Dr. Sarah Nisar Assistant Professor of Radiology Quaid-e-Azam Medical & Dental College, Bahawalpur	First Submission 26-Aug- 2022 Latest Submission 24-May- 2023	Diagnostic Accuracy of chest ultrasonography for pneumothorax in post traumatic patients taking CT scan as a gold standard
2.	Dr. Muhammad Ans (2020-21)	Prof. Rana Zaheer Mustafa Head of Radiology Dept., Sheikh Zayed Medical College, Rahim Yar Khan	06-Mar- 2023	A comparative study between color doppler and CT angiography for the diagnosis of carotid artery stenosis in hypertensive patients
3.	Dr. Hina Fatima (2021-22)	Dr. Mian Waheed Ahmad Assistant Professor of Radiology, Gujranwala Medical College, Gujranwala	07-Mar- 2023	Diagnostic accuracy of mrcp in differentiating bile duct stone and sludge taking ercp as gold standard
4.	Dr. Misbah Hameed (2020-21)	Dr. M. Saleem Akhtar Head of Radiology Dept Sahiwal Medical College, Sahiwal	29-Mar- 2023	Comparative assessment of the ultrasonography and computed tomography in the evaluation of suspicious ovarian masses taking histopathology as gold standard
5.	Dr. Sundas Fatima (2020-21)	Prof. Zaheer Mustafa Sheikh Zayed Medical College, Rahim Yar Khan	10-May- 2023	Role of dual-energy CT KUB in the characterization of urolithiasis taking chemical analysis as a gold standard

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6.	Dr. Muntaha Hanif (2020-21)	Dr. Nazish Hameed Assistant Professor of Radiology Sargodha Medical College, Sargodha	24-Jul-2023	Role of DWI MRI in early detection of malignant changes in endometrial lesions taking histopathology as gold standard
7.	Dr. Waqas Riaz Ahmad (2020-21)	Prof. Shumaila Seemi Malik Head, Department of Radiology	15-Sep-2023	Diagnostic accuracy of MRI in diagnosing meniscal tears keeping arthroscopic findings as gold standard
8.	Dr. Mouzma Marrium (2020-21)	Services Institute of Medical Sciences Lahore	20-Sep-2023	Assessment of degree of fibrosis in non-alcoholic fatty liver disease by using ultrasound elastography
9.	Dr. Yasir Qavi (2021-22)	Dr. Iram Iqbal Associate Professor of Radiology Services Institute of Medical Sciences, Lahore	27-Sep-2023	Diagnostic accuracy of magnetic resonance imaging (MRI) Pelvis in perianal fistulas taking surgical findings as gold standard
10.	Dr. Sidra Asghar (2020-21)	Dr. Muhammad Amin Assistant Professor of Radiology The Children Hospital and the Institute of Child Health Sciences	24-Oct-2023	Diagnostic accuracy of micturating cystourethrogram in assessment of posterior urethral valves in patients presented with bladder outlet obstruction taking cystoscopy as the gold standard



Meeting of Speciality Advisory Committee in **Radiology** for review of MD synopses to be held on **Wednesday, 21<sup>st</sup> February 2024, 10:00 am** in Mahmood Senate Hall, University of Health Sciences, Lahore.

AGENDA

Sr.	Name of Candidate	Supervisor	Date of Submission	Title
1.	Dr. Mishal Waheed Butt (2019-20)	Prof. Saima Ameer Head, Dept of Radiology, King Edward Medical University, Lahore	23-Feb-23	Diagnostic accuracy of strain elastography in diagnosing malignant cervix masses taking histopathology as gold standard
2.	Dr. Sumbal Zahra	Dr. Faisal Nadeem Khan Assistant Prof Punjab Institute of Cardiology, Lahore	18-May-23	Comparative study of cardiac magnetic resonance imaging and thallium scanning in determining mural involvement in different types of myocardial infarction
3.	Dr. Muhammad Zubair Niaz (2018-19)	Prof. Muhammad Mustafa Ali Siddiqui Head, Dept of Radiology CPEIC, Multan	18-May-23	Evaluation of diagnostic accuracy of multi detector CT in detection of focal pancreatic lesion taking histopathology as gold standard in age group of above 30 years
4.	Dr. Usman Rasheed Faridi (2019-20)	Dr. Sarah Nisar Assistant Professor Quaid-e-Azam Medical College, Bahawalpur	13-Jun-23	Diagnostic accuracy of ultrasound versus magnetic resonance imaging (MRI) in evaluation of traumatic anterior cruciate ligament injury keeping arthroscopy as gold standard
5.	Dr. Wajiha Safdar (2018-19)	Dr. Sarfraz Ahmed	07-Mar-23	Diagnostic Accuracy of ultrasound in detection of hepatocellular tumor extension into portal vein
6.	Dr. Amrita Rizwan Ali (2018-19)	Khawaja Muhammad Safdar Medical College, Sialkot	07-Mar-23	Diagnostic accuracy of ultrasound in detecting ureteric calculus in obese patients coming to department of radiology of Allama Iqbal Memorial Hospital, Sialkot

7.	Dr. Saba Anwar (2020-21)	Dr. Ayesha Kamran Assistant Professor Sargodha Medical College, Sargodha	25-Oct-23	Diagnostic accuracy of DWI and ADC Values in differentiating benign and malignant prostate lesions keeping histopathology as gold standard
8.	Dr. Muhammad Muhboob Khan (2022-23)	Dr. Muhammad Amin Assistant Professor Children's Hospital & Institute of Child Health, Multan	25-Oct-23	Diagnostic accuracy of DWI and ADC Values in differentiating benign and malignant prostate lesions keeping histopathology as gold standard
9.	Dr. Sadaf Islam (2019-20)	Prof. Mustafa Ali Siddiqui Chaudhry Pervaiz Elahi Institute of Cardiology, Multan	03-Nov-22	Diagnostic accuracy of color doppler ultrasonography for diagnosis of salivary gland disease keeping computed tomography as gold standard
10	Dr. Manoj Kumar Yadav (2020-21)	Prof. Rana Zaheer Mustafa Head, Dept of Radiology Sheikh Zayed Medical College, Rahim Yar Khan	01-Nov-23	Role of renal duplex ultrasonography in diagnosis of renal dysfunction and hepatorenal syndrome in patients with liver cirrhosis
11	Dr. Abdur Rahman (2022-23)	Dr. Iram Iqbal Amir Associate Professor Services Institute of Medical Sciences, Lahore	15-Nov-23	Accuracy of magnetic resonance cholangiopancreatography in identifying cyholedocholithiasis in patients with obstructive jaundice, using surgical findings as the gold standard



Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses held on **Thursday**, **6**<sup>th</sup> **June 2024**, at **09:30 a.m.** in University of Health Sciences, Lahore.

### **Minutes of Meeting**

	Name of	_	Date of	
Sr.	Candidate	Supervisor	Submissi on	Title
1.	Dr. Kashmala Sarfraz	Dr. Nazish Hameed Assistant Professor of Radiology Sargodha Medical College, Sargodha	26-Dec-23 Count: 01	Assessing the role of DWI images in detecting muscular invasion in bladder carcinoma patients: A comparative study with contrast enhanced T1WI imaging & histopathology gold standard
2.	Dr. Mouzma Marrium	Prof. Dr. Basma Khan Head of Department, Radiology Services institute of Medical Sciences, Lahore	11-Mar- 24 Count: 02	Diagnostic accuracy of transvaginal ultrasound (TVS) and magnetic resonance imaging (MRI) in evaluation of cervical carcinoma taking histopathology as gold standard
3.	Dr. Muhammad Abu Bakar	Dr. Sara Nisar Associate Professor of Radiology Quaid e Azam Medical College, Bahawalpur	15-Mar- 24 Count: 01	Comparison of diagnostic accuracy of computed tomography and magnetic resonance imaging of brain in evaluation of atypical meningiomas keeping histopathology as gold standard
4.	Dr. Mahnoor Aslam	Dr. Ayesha Kamran Assistant Professor of Radiology Sargodha Medical College, Sargodha	19-Mar- 24 Count: 02	Diagnostic accuracy of DWI and ADC in Differentiating benign and malignant ovarian masses, taking histopathology as gold standard
5.	Dr. Muntaha Hanif	Dr. Nazish Hameed Assistant Professor of Radiology Sargodha Medical College, Sargodha	19-Mar- 24 Count: 02	Diagnostic accuracy of DWI MRI in early detection of malignant changes in endometrial lesions taking histopathology as a gold standard

6.	Dr. Sarmad Mehmood	Dr. Sara Nisar Associate Professor of Radiology Quaid e Azam Medical College, Bahawalpur	01-Apr-24 Count: 03	Diagnostic accuracy of chest ultrasonography for pneumothorax in chest trauma patients taking CT Scan as a gold standard
7.	Dr. Shamaila Mushtaq	Dr. Sadaf Arooj Associate Professor of Radiology Allama Iqbal Medical College, Lahore	03-Apr-24 Count: 01	Diagnostic accuracy of vi-rds score in the differntiation of non muscle and muscle invasive bladder cancer using histopathology as a gold standard
8.	Dr. Sadeem Lodhi	Dr. Abdul Sattar Anjum Professor of Diagnostic Radiology Nishtar Medical University, Multan	05-Apr-24 Count: 02	Comparison of multidetector CT virtual bronchoscopy versus fiberoptic tracheobronchoscopy in children with suspected foreign body aspiration
9.	Dr. Saad Muzaffar	Prof. Dr. Basma Khan Head of Department, Radiology Services institute of Medical Sciences, Lahore	07-May- 24 Count: 01	Comparison between chest X-Ray versus lung ultrasound in detection of pneumothorax in trauma patients keeping CT-Chest as gold standard
10.	Dr. Yasir Qavi	Dr. Iram Iqbal Associate Professor of New Radiology Services institute of Medical Sciences, Lahore	13-May- 24 Count: 02	Diagnosic accuracy of magnetic resonance imaging (MRI) Pelvis in inter-sphincteric perianal fistulas taking surgical findings as gold standard

Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses held on **Monday, 12<sup>th</sup> August 2024,** at **09:30 a.m.** in University of Health Sciences, Lahore.

Sr.	Name of Candidate	Supervisor	Date of Submission	Title
1.	Dr. Faria Ali 2022-23	Dr. Muhammad Saleem Akhtar, Assistant Professor of Radiology, Sahiwal Medical College, Sahiwal	14-May-24 Count: 1	Diagnostic accuracy of Focused Assessment with Sonography for Trauma (FAST) for detection of liver injuries taking Contrast Enhanced Computed Tomography (CECT) as Gold Standard
2.	Dr. Fauzia Hussain 2021-22	Dr. Muhammad Saleem Akhtar, Assistant Professor of Radiology, Sahiwal Medical College, Sahiwal	14-May-24 Count: 1	Comparsion between diagnostic accuracy of transabdominal and transvaginal ultrasound in diagnosis of adenomyosis, taking MRI as gold standard
3.	Dr. Ifra Tasawar 2021-22	Prof. Dr. Imran Saeed, Professor of Radiology, University of Child Health Sciences, Lahore	15-May-24 Count: 1	MRI Vs HRCT in paediatric cochlear implant preoperative assessment: navigating towards radiation free paradigm
4.	Dr. Umair Afzal 2020-21	Prof. Dr. Saulat Sarfraz, Head, Department of Radiology, Shaikh Zayed Postgraduate Medical Institute, Lahore	24-05-2024 Count: 1	Diagnostic accuracy of combined, portal vein and hepatic artery indices on doppler ultrasound in detecting portal vein thrombosis taking CT as gold standard
5.	Dr. Muhammad Ufeen Akram 2020-21	Dr. Mian Waheed Ahmad, Assistant Professor of Radiology, Gujranwala Medical College, Gujranwala	31-05-2024 Count: 1	Comparison of MR Urethrography with retrograde urethrography in diagnosing urethral stricture in young males keeping post-surgical findings as gold standard
6.	Dr. Uzma Abbas 2022-23	Dr. Iram Iqbal, Associate Professor of Radiology, Services Institute of Medical Sciences, Lahore	5-Jun-24 Count: 1	Comparison of diagnostic accuracy of transvaginal ultrasound (TVS) versus magnetic resonance imaging (MRI) in diagnosing endometrial carcinoma taking histopathology as gold standard
7.	Dr. Kiran Latif 2022-23	Dr. Nazahat Pasha, Assistant Professsor of Radiology, Ch. Pervaiz Elahi Institute of Cardiology, Multan	5-Jun-24 Count: 1	Multi-detector CT Portography vs color doppler ultrasonography in evaluating gastroesophageal varices in cirrhotic patient with portal hypertension taking endoscopy as gold standard
8.	Dr. Ehsan Bari 2021-22	Prof. Dr. Saima Ameer, Head, Department of Radiology, Postgraduate Medical College, Lahore	7-Jun-24 Count: 1	The diagnostic accuracy of ultrasonography in characterization of SUPRA SPINATUS tear taking MRI as gold standard

9.	Dr. Shalmeen Tariq 2022-23	Dr. Umama Saeed, Assistant Professor of Radiology, Ch. Pervaiz Elahi Institute of Cardiology, Multan	11-Jun-24 Count: 1	Comparison of intra renal resistive index with albuminuria in diagnosis of diabetic nephropathy keeping urine albumin ratio as gold standard (35 to 45 years)
10.	Dr. Misbah Hameed 2020-21	Dr. Muhammad Saleem Akhtar, Assistant Professor of Radiology, Sahiwal Medical College, Sahiwal	24-Jun-24 Count: 2	Comparative assessment of diagnostic accuracies between USG and CT in the evaluation of complex ovarian masses taking histopathology as gold standard
11.	Dr. Saad Muzaffar 2022-23	Prof. Dr. Basma Khan, Head Department of Radiology, Services Institute of Medical Sciences, Lahore	29-Jul-24 Count: 2	Comparison between lung ultrasound versus contrast enhanced CT-Chest in detection of empyema thoracis keeping pleural fluid analysis as gold standard
12.	Dr. Waqas Riaz Ahmad 2020-21	Prof. Dr. Basma Khan, Head Department of Radiology, Services Institute of Medical Sciences, Lahore	06-Aug-24 Count: 2	Diagnostic accuracy of MRI in Diagnosing Grade-3 Mensical Tears, keeping arthrospic finding as Gold Standard



Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses to be held on **Thursday, 16<sup>th</sup> February 2023,** at **10:00 a.m.** in University of Health Sciences, Lahore.

Sr. #	Name of Candidate	Supervisor	Title
1.	Dr. Shoaib Qadir Khan (Revised)	Prof. Rana Zaheer Mustafa Professor of Radiology Sheikh Zayed Medical College Rahim Yar Khan	The role of MRCP in evaluation of obstructive jaundice in corelation with ERCP
2.	Dr. Amna Sheraz Butt (Revised)	<b>Dr. Sarfraz Ahmad</b> Assistant Professor of Radiology Khawaja Muhammad Safdar Medical College, Sialkot	Diagnostic accuracy of ultrasound in diagnosing suspicious breast lesions for malignancy taking histopathology as gold standard
3.	Dr. Tehmina Naz (Revised)	<b>Dr. Muhammad Saleem Akhter</b> Assistant Professor of Radiology Sahiwal Medical College, Sahiwal	Diagnostic accuracy of shear wave elastography in characterization of hepatic focal lesions taking triphasic CT as gold standard
4.	Dr. Sehrish Rasheed (Revised)	<b>Dr. Muhammad Amin</b> Assistant Professor of Radiology The Children's Hospital & Institute of	Comparison of diagnostic accuracy of ultrasound vs MRI for disordered sex development in patients less than two years of age keeping karyotyping as gold standard
5.	Dr. Nazia Mustafa (Revised)	Child Health, Multan	Comparison of diagnostic accuracy of ultrasound and barium meal for infantile hypertrophic pyloric stenosis taking surgical findings as gold standard
6.	Dr. Shazra Batool (Revised)		Comparison of diagnostic accuracy of magnetic resonance spectroscopy and mammography for evaluating malignant lesions of the breast taking histopathology as gold standard
7.	Dr. Saba Imtiaz	Prof. Dr. Saima Ameer	Diagnostic accuracy of MRI to determine relation of perianal fistula to internal sphincter taking intra-operative findings as gold standard
8.	Dr. Muhammad Zeeshan	Professor of Radiology Postgraduate Medical Institute, Lahore	Diagnostic accuracy of trans-rectal strain elastography in detection of prostatic cancer taking histopathology as gold standard
9.	Dr. Rabia Abdul Rashid		Comparative analysis of shearwave elastography (SWE) and FNAC in diagnosis of malignant thyroid nodules taking excisional biopsy with histopathology as gold standard



Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses to be held on **Monday, 21<sup>st</sup> November 2022,** at **09:30 a.m.** in University of Health Sciences, Lahore.

Sr. #	Name of Candidate	Supervisor	Title
			Comparative analysis of ultrasound and
1.	Dr. Rabia Iram		MRI for medical meniscus tear of knee
			joint taking arthroscopy as gold standard
_		Prof. Dr. Saima Ameer	Comparison of diagnostic accuracy of
2.	Dr. Gohar Fraz	HOD, Radiology Department,	dynamic ultrasound and MRI for ACL tear,
		Postgraduate Medical Institute, Lahore	taking arthroscopy as gold standard
	Dr. Tavaha Shahid		Diagnostic accuracy of shear wave
3.	Dr. Tayaba Shahid Khan		elastography in early detection of
	Knan		malignant breast lesions taking
	D.: Commond		histopathology as gold standard  Diagnostic accuracy of x-rays in detecting
4.	Dr. Sarmad Mehmood		sacroiliitis keeping MRI as gold standard
	Picinilou		Comparison of diagnostic accuracy of
	Dr. Farhana Kosar		ultrasound and magnetic resonance
5.	(Revised)	Dr. Sarah Nisar,	imaging in diagnosis of rotator cuff injuries
	(Revised)	Assistant Professor of Radiology	taking arthroscopy as gold standard
		Quaid-e-Azam Medical College,	Comparison of ultrasound and magnetic
	Dr. Rubeena Hashmi	Bahawalpur	resonance imaging (MRI) for assessment
6.			of myometrial invasion in endometrial
			cancer keeping histopathology as gold
			standard
		Bu Mada annua d'Annia	Comparison of intussusception on
7.	Dr. Wajia Rana	<b>Dr. Muhammad Amin</b> Assistant Professor of Radiology	ultrasound versus post surgical finding in
		The Children's Hospital & Institute of	pediatric population
8.	Dr. Nazia Mustafa	Child Health, Multan	Diagnostic accuracy of ultrasound for IHPS
			taking surgical findings as gold standard
	Du Harma Ahmad	Dr. Muhammad Saleem Akhter	Diagnostic accuracy of ultrasound in
9.	Dr. Usama Ahmad (Revised)	Assistant Professor of Radiology	clinically diagnosed cases of acute pancreatitis taking contrast enhanced CT
	(Revised)	Sahiwal Medical College, Sahiwal	as gold standard
		Prof. Rana Zaheer Mustafa	Role of Magnetic Resonance Imaging
	Dr. Sara Rasheed	Professor of Radiology	(MRI) in diagnosis of endometrial
10.	(Revised)	Sheikh Zayed Medical College	carcinoma taking histopathology as a gold
		Rahim Yar Khan	standard
		Dr. Sarfraz Ahmad,	Comparison of diagnostic accuracy of
11.	Dr. Javeria Aslam	Assistant Professor of Radiology	transvaginal ultrasonography and MRI for
11.	Butt	Allama Iqbal Memorial Teaching	assessment of myometrial invasion by
		Hospital, Sialkot	endometrial carcinoma
			Comparison of diagnostic accuracy of
		Prof. Basma Khan,	computed tomography and magnetic
12.	Dr. Kunza Aslam	Professor of Radiology	resonance cholangio pancreatography in
12.		Allama Iqbal Medical College	the diagnosis of malignant obstructive
		Lahore	Jaundice using histopathology as gold
			standard

13.	Dr. Tayyaba Khalid	Prof. Shumaila Seemi Malik Professor of Radiology Services Institute of Medical Sciences Lahore	Determination of diagnostic accuracy of American college of radiology thyroid imaging reporting and data system for thyroid nodules on ultrasonography keeping Bethesda cytological score at fine needle aspiration cytology as gold standard
14.	Dr. Sumera Kanwal (Revised)	<b>Dr. Sara Nisar</b> Assistant Professor of Radiology Quaid-e-Azam Medical College Bahawalpur	Comparison of diagnostic accuracy of MRI and CT in differentiating neoplastic from infectious and inflammatory causes of unilateral maxillary sinus opacification taking histopathology as gold standard
15.	Dr. Afia Ghauri (Revised)	<b>Dr. Kamran Naseem</b> Assistant Professor of Radiology Quaid-e-Azam Medical College Bahawalpur	Comparison of diagnostic accuracy of CT fistulography and MRI in evaluation of fistula in ano taking surgical findings as gold standard



Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses to be held on **Tuesday, 30<sup>th</sup> August 2022,** at **10:30 a.m.** in University of Health Sciences, Lahore.

Sr. #	Name of Candidate	Supervisor	Title
1.	/ Specialty Dr. Sumera Kanwal	<b>Dr. Sarah Nisar</b> Assistant Professor of Radiology Quaid-e-Azam Medical	Comparison of diagnostic accuracy of MRI and CT in histopathologically proved malignant lesions presenting as unilateral maxillary sinus opacification
2.	Dr. Farhana Kosar	College/Bahawal Victoria Hospital, Bahawalpur	Diagnostic Accuracy of ultrasound in rotator cuff injuries taking magnetic resonance imaging as gold standard
3.	Dr. Afifa Ghauri	<b>Dr. Kamran Naseem</b> Assistant Professor of Radiology	Diagnostic accuracy of ultrasonography in detection of thyroid nodule as malignant or benign taking histopathology as gold standard in adult patients
4.	Dr. Muhammad Hashim	Quaid-e-Azam Medical College/Bahawal Victoria Hospital, Bahawalpur	Comparison of high-resolution ultrasonography and magnetic resonance imaging in evaluation of non-palpable undescended testes taking laparoscopic findings as gold standard
5.	Dr. Ikram Akhtar (Revised)	<b>Prof. Mustafa Ali Siddiqui</b> Head, Department of Radiology	Assessment of coronary artery disease severity with CT calcium scoring confirmed on conventional coronary angiography
6.	Dr. Muhammad Aftab	Ch. Pervaiz Elahi Institute of Cardiology, Multan	A Comparative study between ultrasonography and non-enhanced computed tomography for evaluation of ureteric calculi
7.	Dr. Amna Sheraz Butt	Assistant Professor of Radiology Khawaja Muhammad Safdar Medical College/Allama Iqbal Memorial Teaching Hospital, Sialkot	Correlation of high-resolution computed tomography findings with clinical severity of symptoms in covid-19 patients
8.	Dr. Qurat ul Ain Ch	<b>Dr. Muhammad Saleem Akhtar</b> Assistant Professor of Radiology Sahiwal Medical College/DHQ Teaching Hospital, Sahiwal	Diagnostic accuracy of B-mode ultrasonography in detection of tractional retinal detachment in patients of vitreous hemorrhage due to diabetic retinopathy undergoing vitrectomy taking surgical findings as gold standard
9.	Dr. Faisal Anwar		Comparison between ultrasonography and contrast enhanced CT scan in diagnosis of renal messes

10.	Dr. Muhammad Musab Abdullah (Revised) Dr. Shazra Batool	Prof. Saima Ameer Professor & Head, Department of Radiology	Comparison of diagnostic accuracy of trans abdominal ultrasound with MRCP in evaluation of obstructive jaundice taking ERCP as gold standard  Comparison of diagnostic accuracy of
	DIT SHUZIU BULOOF	Postgraduate Medical Institute/Lahore General Hospital Lahore	magnetic resonance spectroscopy and ultrasonography for evaluating malignant lesions of the breast taking histopathology as gold standard
12.	Dr. Fatima Chatta	Associate Professor Department of Radiology Shaikh Zayed Postgraduate Medical Institute/Shaikh Zayed Hospital, Lahore	Diagnostic accuracy of diffusion-weighted magnetic resonance imaging in differentiating intracranial benign and malignant meningiomas keeping histopathology as gold standard
13.	Dr. Tayyaba Khalid (Absent)	Prof. Shumaila Seemi Malik Professor of Radiology Services Institute of Medical Sciences/Services Hospital, Lahore	Determination of diagnostic accuracy of American college of radiology thyroid imaging reporting and data system for thyroid nodules on ultrasonography keeping Bethesda cytological score at fine needle aspiration cytology as gold standard
14.	Dr. Sumbal Zahra	<b>Dr. Faisal Nadeem Khan</b> Assistant Professor of Radiology	Accuracy of tirades in differentiating benign versus malignant thyroid lesions keeping FNAC as gold standard
15.	Dr. Amna Hamzah	Punjab Institute of Cardiology, Lahore	Evaluation of relationship between various grades of fatty liver and shear waves elastography values



Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses to be held on **Tuesday, 24<sup>th</sup> May 2022,** at **10:30 a.m.** in University of Health Sciences, Lahore.

Sr. #	Name of Candidate	Supervisor	Title
	/ Specialty Dr. Faaiza Irshad		
		Prof. Saulat Sarfraz Professor & Head, Department of Radiology Shaikh Zayed Postgraduate	Diagnostic accuracy of Focused Abdominal Computed Tomography (FACT) in diagnosing acute appendicitis taking histopathology as gold standard
2.	Dr. Sudhanshu Kumar Thakur	Medical Institute/Shaikh Zayed Hospital, Lahore	Association of HbA1c with peripheral arterial disease of lower limbs in diabetic patients using doppler sonography
3.	Dr. Mishal Waheed Butt		Diagnostic accuracy of B-mode ultrasound in diagnosing lymph node malignancy in head and neck region taking histopathology as gold standard
4.	Dr. Muhammad Musab Abdullah		Diagnostic accuracy of MRCP in detection of choledocholithiasis taking ERCP as gold standard
5.	Dr. Muhammad Kaleem	Prof. Saima Ameer Professor & Head, Department of Radiology Postgraduate Medical	Diagnostic accuracy of Shear Wave Elastography (SWE) in differentiation of benign and malignant cervical lymph nodes taking FNAC as gold standard
6.	Dr. Usman Mazhar	Institute/Lahore General Hospital, Lahore	Accuracy of spinal ultrasound in diagnosis of pyogenic meningitis in infants younger than six months keeping cerebro spinal fluid examination as gold standard
7.	Dr. Muhammad Awais		Diagnostic accuracy of capsular and intratesticular arteries resistive index by color Doppler ultrasonography to assess spermatogenesis keeping semen analysis as gold standard
8.	Dr. Shoaib Qadir Khan	Dr. Rana Zaheer Mustafa Associate Professor & Head, Department of Radiology Sheikh Zayed Medical College/Sheikh Zayed Hospital, Rahim Yar Khan	Diagnostic accuracy of chest X-Ray in the diagnosis of mediastinal masses taking computed tomography as gold standard
9.	Dr. Faisal Anwar	<b>Dr. Muhammad Saleem Akhtar</b> Assistant Professor of Radiology Sahiwal Medical College/DHQ Teaching Hospital, Sahiwal	Diagnostic Accuracy of contrast enhanced CT scan for the diagnosis of renal cell carcinoma by taking histopathology as gold standard in patients with symptomatic renal mass
10.	Dr. Mahnoor Aslam	<b>Dr. Ayesha Kamran</b> Assistant Professor of Radiology Sargodha Medical College/DHQ Teaching Hospital, Sargodha	Comparison of the ultrasound guided Trucut biopsy with postoperative histopathology results for the identification of types of malignant breast mass in patients

11.	Dr. Kashmala Sarfraz	<b>Dr. Nazish Hameed</b> Assistant Professor of Radiology Sargodha Medical College/DHQ Teaching Hospital, Sargodha	Diagnosis of renal stones on ultrasound and CT; comparison with post-operative findings
12.	Dr. Rubeena Hashmi	<b>Dr. Sarah Nisar</b> Assistant Professor of Radiology	Comparative role of pelvic MRI and ultrasound in detection of polycystic ovarian syndrome in young adolescent girls
13.	Dr. Usman Rasheed Faridi	Quaid-e-Azam Medical College/Bahawal Victoria Hospital, Bahawalpur	Comparative analysis of Doppler ultrasound with Computed Topography (CT portography) for varices detection in liver cirrhosis
14.	Dr. Sadeem Lodhi	Prof. Abdul Sattar Anjum Professor & Head, Department of Radiology Nishtar Medical College/Nishtar Hospital, Multan	tracheobronchoscopy in children with



Agenda of the Meeting of Speciality Advisory Committee in Radiology for review of MD synopses to be held on **Tuesday**, **19**<sup>th</sup> **April 2022** at **11:00 a.m.** in University of Health Sciences, Lahore.

Sr. #	Name of Candidate / Specialty	Supervisor	Title
2.	Dr. Ammara Ahmed  Dr. Maham Khalid	Dr. Saulat Sarfraz Associate Professor & Head, Department of Radiology Shaikh Zayed Postgraduate Medical Institute/Shaikh Zayed Hospital, Lahore	Comparison of modified versus conventional computed tomography severity index in acute pancreatitis taking clinical diagnosis as gold standard  Diagnostic accuracy of Thyroid Imaging Reporting and Data System (TI-RADS) on ultrasound in patients with suspicious thyroid nodule taking histopathology as gold standard
3.	Dr. Marriam Liaquat	<b>Dr. Mian Waheed</b> Assistant Professor of Radiology Gujranwala Medical College/ DHQ Teaching Hospital, Gujranwala	Diagnostic accuracy of doppler ultrasound in differentiating benign and malignant thyroid nodule taking the fine needle aspiration cytology as gold standard
4.	Dr. Imran Khan	Dr. Muhammad Saleem Akhtar Assistant Professor of Radiology Sahiwal Medical College/DHQ Teaching Hospital, Sahiwal	Diagnostic accuracy of ultrasound in diagnosing cholelithiasis in patients presenting with obstructive jaundice taking operative findings as gold standard
5.	Dr. Saba Babar	Prof. Mustafa Ali Siddiqui Head, Department of Radiology Ch. Pervaiz Elahi Institute of	To determine the diagnostic accuracy of Doppler Ultrasonography (DUS) in detecting occlusive disease taking Computed Tomography (CT) as gold standard in suspected patients of limb ischemia
6.	Dr. Muhammad Aasim Sharif	Cardiology, Multan	Diagnostic accuracy of transthoracic ultrasound in pulmonary thromboembolism taking computed tomography pulmonary angiography as gold standard
7.	Dr. Usama Ahmad	Prof. Mustansar Mahmood Waraich Head, Department of Radiology Quaid-e-Azam Medical College/Bahawal Victoria	Assessment of posterior reversible encephalopathy syndrome on diffusion weighted magnetic resonance imaging and apparent diffusion coefficient in postpartum period of females with hypertensive pregnancy
8.	Dr. Sidra Saba	Hospital, Bahawalpur	Diagnostic accuracy of ultrasound in detection of ureteric calculi taking non contrast computed tomography as gold standard

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9.	Dr. Amara Altaf		Comparison between the
			diagnostic accuracies of Xray
			and ultrasonography in detecting
			ureteric stone taking non
			enhanced CT KUB as gold
			standard
10.	Dr. Muhammad Aizaz		Role of magnetic resonance
	Mazari		spectroscopy and diffusion
			weighted imaging in diagnosing
		Prof. Saima Ameer	prostatic carcinoma keeping
		Head, Department of Radiology	histopathology as a gold
		Postgraduate Medical	standard
11.	Dr. Mahboob Ahmed	Institute/Lahore General	Diagnostic accuracy of ABC/2
		Hospital, Lahore	volume formula in CT brain for
		Trospical, Editore	assessing the volume of
			extradural hematoma in trauma
			patient taking post-operative
			findings as a gold standard
12.	Dr. Sarfaraz Ahmad		Diagnostic accuracy of computed
			tomography angiography in
			detection of cerebral arterio-
			venous malformation taking
			digital subtraction angiography
			as gold standard



Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses to be held on **Tuesday**, **10**<sup>th</sup> **May 2022**, at **10:30 a.m.** in University of Health Sciences, Lahore.

Sr. #	Name of Candidate / Specialty	Supervisor	Title
	Dr. Ahmad Bilal	<b>Dr. Saulat Sarfraz</b> Associate Professor & Head, Department of Radiology Shaikh Zayed Postgraduate Medical Institute/Shaikh Zayed Hospital, Lahore	Diagnostic accuracy of chest X ray in detecting mild moderate and severe lungs involvement in autoimmune diseases keeping high resolution computed tomography as gold standard
2.	Dr. Sakeena Kanwal	<b>Dr. Faisal Nadeem Khan</b> Assistant Professor of Radiology Punjab Institute of Cardiology, Lahore	Diagnostic accuracy of Shear wave elastography to diagnose liver cirrhosis in chronic hepatitis C patients keeping biopsy as gold standard
3.	Dr. Tayyaba Gull	Prof. Shumaila Seemi Malik Professor of Radiology Services Institute of Medical Sciences, Lahore	Diagnostic accuracy of computerized tomography in fungal sinusitis taking histopathology as gold standard
4.	Dr. Hazim Afzal	Dr. Mian Waheed Ahmad	Diagnostic accuracy of MRI according to PI- RADS in diagnosis of prostate carcinoma keeping histopathology as gold standard
5.	Dr. Amsal Saeed	Assistant Professor of Radiology Gujranwala Medical College/ DHQ Teaching Hospital, Gujranwala	Diagnostic accuracy of Magnetic Resonance Imaging (MRI) knee in detecting Anterior Cruciate Ligament (ACL) tears assuming arthroscopy as gold standard
6.	Dr. Shahla Qadeer		Diagnostic accuracy of DWI magnetic resonance image (MRI) in ovarian tumors keeping biopsy as gold standard
7.	Dr. Muhammad Waseem	Dr. Muhammad Saleem Akhtar	Comparison of carotid ultrasonography with CT angiography in quantification of carotid artery stenosis among diabetic patients
8.	Dr. Tehmina Naz	Assistant Professor of Radiology Sahiwal Medical College/DHQ Teaching Hospital, Sahiwal	Comparison of barium swallow with endoscopic biopsy in differentiating benign versus malignant esophageal strictures in adult population at Sahiwal Teaching Hospital Sahiwal, A cross sectional study
9.	Dr. Sara Rasheed	<b>Dr. Rana Zaheer Mustafa</b> Associate Professor of Radiology Sheikh Zayed Medical College / Sheikh Zayed Hospital, Rahim Yar Khan	Comparison of ultrasonography versus hormonal assays in diagnosis of polycystic ovarian syndrome
10.	Dr. Ikram Akhtar	<b>Prof. Mustafa Ali Siddiqui</b> Head, Department of Radiology Ch. Pervaiz Elahi Institute of Cardiology, Multan	To determine association of coronary artery disease severity with calcium scoring on coronary CT angiography in patients with chest pain taking coronary angiography as gold standard
11.	Dr. Fouzia Khanam	<b>Dr. Azhar Mehmood Javed</b> Associate Professor of Radiology The Children's Hospital & the Institute of Child Health, Multan	Comparison of parameters of barium enema in diagnostic workup of Hirschsprung's disease in comparison with rectal biopsy in children of more than 6 months age

12.	Dr. Sehrish	Diagnostic accuracy of ultrasound in gender
	Rasheed	determination of disordered sex
		development keeping karyotyping as gold
		standard



Agenda of the Meeting of Speciality Advisory Committee in Radiology for review of MD synopses to be held on **Friday, 4<sup>th</sup> February 2022** at **10:00 a.m.** in University of Health Sciences, Lahore.

#### **AGENDA**

Sr. #	Name of Candidate / Specialty	Supervisor	Title
:	Dr. Masood-ul-Hasan Shouk	Prof. Saima Ameer Head, Department of Radiology Postgraduate Medical Institute/Lahore General Hospital, Lahore	Accuracy of chest CT as a diagnostic option for COVID-19 patients in Lahore keeping PCR gold standard
2.	Dr. Rumeesa Hameed	<b>Dr. Tanveer Ahmad</b> Associate Professor of Radiology	Diagnostic accuracy of tirads grading by ultrasonography taking Bethesda classification of thyroid cytopathology as gold standard
3.	Dr. Ghulam Shabbir	Allama Iqbal Medical College/Jinnah Hospital, Lahore	Role of diffusion tensor imaging (DTI) in pre-operative evaluation and characterization of intra-Axial brain tumor
4.	Dr. Mariam Hameed	<b>Dr. Amna Malik</b> Consultant Radiologist Punjab Institute of Cardiology, Lahore	Diagnostic accuracy of color doppler ultrasound and computed tomographic angiography for detection of peripheral arterial disease
5.	Dr. Rizwana Kausar	<b>Dr. Faisal Nadeem Khan</b> Assistant Professor of Radiology Punjab Institute of Cardiology, Lahore	Diagnostic accuracy of renal ultrasound in assessment of renal artery stenosis in hypertensive patients taking computed tomography renal angiography as gold standard
6.	Dr. Anam Zaheer (Revised)		Diagnostic accuracy of contrast- enhanced flair MRI in diagnosis of meningitis taking lumbar puncture (L.P) as gold standard
7.	Dr. Khadija Nusrat	<b>Dr. Nazish Hameed</b> Assistant Professor of Radiology Sargodha Medical College/DHQ Teaching Hospital, Sargodha	Diagnostic accuracy of routine MRI sequence in diagnosis acute venous sinus thrombosis, taking contrast enhanced magnetic resonance venography (MRV) as gold standard
8.	Dr. Maria Rehman		Diagnostic accuracy of FAST- Scan in detecting abdominal visceral injury keeping contrast enhanced CT-Scan as gold standard

9.	Dr. Asra Atta Ul Haq		Diagnostic accuracy of MRI in diagnosis of adenomyosis taking histopathology as gold standard
10.	Dr. Amina Abbas	Dr. Rana Zaheer Mustafa Associate Professor of Radiology Sheikh Zayed Medical College/Sheikh Zayed Hospital, Rahim Yar Khan	Diagnostic accuracy of uterine artery doppler in second trimester (18-24 weeks) impending preeclampsia
11.	Dr. Nadia Qaiser	Prof. Mustansar Mahmood Waraich Head, Department of Radiology Quaid-e-Azam Medical College/Bahawal Victoria Hospital, Bahawalpur	Diagnostic accuracy of multidetector CT scan in staging renal cell carcinoma taking histopathology as gold standard
12.	Dr. Hasan Raza Khan	Dr. Muhammad Saleem Akhtar Assistant Professor of Radiology Sahiwal Medical College/DHQ Teaching Hospital, Sahiwal	Correlation of sonographic renal features with serum creatinine level in patients with chronic kidney disease



Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses held on **Monday, 10<sup>th</sup> March 2025,** at **09:30 a.m.** in University of Health Sciences, Lahore.

Sr.	Name of Candidate	Supervisor	Date of Submission	Title
1.	Dr. Abeer Mushtaq 2022-23	Dr. Kamran Naseem Associate Professor of Radiology Quaid-e-Azam Medical College, Bahawalpur	1-Nov-24 Count: 1	Comparison of accuracy of ultrasound elastography versus computed tomography scan in differentiating benign and malignant tumors of salivary gland keeping histopathology as gold standard
2.	Dr. Eeman Riaz 2020-21	Dr. Nazahat Pasha Assistant Professor of Radiology Ch. Pervaiz Elahi Institute of Cardiology, Multan	8-Nov-24 Count: 1	Colour doppler ultrasound vs transient elastography for detecting significant liver fibrosis in patients with non alcoholic steatohepatitis using histopathology as the gold standard
3.	Dr. Irum Balooch 2022-23	Dr. Mahwish Zahra Assistant Professor of Radiology The Children's Hospital & the Institute of Child Health, Multan	8-Nov-24 Count: 1	Comparison between the diagnostic accuracy of ultrasound and triphasic CT in diagnosis of hepatoblastoma taking histopathology findings as gold standard
4.	Dr. Amna Ikram 2022-23	Dr. Sajida Majeed Assistant Professor of Radiology Sheikh Zayed Medical College, Rahim Yar Khan	12-Nov-24 Count: 1	Diagnostic validity of DW imaging and MR spectroscopy in evaluation of malignant brain lesions keeping histopathology as gold standard
5.	Dr. Muhammad Ans 2020-21	Dr. Sajida Majeed Assistant Professor of Radiology Sheikh Zayed Medical College, Rahim Yar Khan	18-Nov-24 Count: 2	A Comparative study between color doppler and MR Angiography for the diagnosis of carotid artery stenosis in TIA patients
6.	Dr. Wajiha Safdar 2018-19	Dr. Sarfraz Ahmed Assistant Professor of Radiology Khawaja Muhammad Safder Medical College, Sialkot	18-Nov-24 Count: 2	Diagnostic accuracy of ultrasound in detection of hepatocellular tumor extension into portal vein



Agenda of the Meeting of **Speciality Advisory Committee in Radiology** for review of MD synopses held on **Wednesday**, **4**<sup>th</sup> **June 2025**, at **10:00 a.m.** in University of Health Sciences, Lahore.

Sr.	Name of Candidate	Supervisor	Date of Submission	Title
1.	Dr. Muhammad Aqib Javid 2021-22	Dr. Amber Goraya Associate Professor of Pediatric Radiology University of Child Health Sciences, Lahore	19-Nov-24 Count: 1	Comparison of plain radiograph and MRI finding of primary bone tumours in paediatric age group taking histopathology as gold standard
2.	Dr. Rubina Zain 2020-21	Dr. Sarah Nisar Associate Professor of Radiology Quaid-e-Azam Medical College, Bahawalpur	19-Nov-24 Count: 1	Diagnostic accuracy of ultrasound in detection of choledochal cyst and incidence of its complications keeping magnetic resonance cholangipancreatography as gold standard
3.	Dr. Iqra Mukhtar 2023-24	Dr. M. Saleem Akhter Assistant Professor of Radiology Sahiwal Teaching Hospital, Sahiwal	26-Nov-24 Count: 1	Diagnostic accuracy of trans-cranial sonography in detection of cerebral injuries in neonatal hypoxic-ischemic encephalopathy taking MRI as gold standard
4.	Dr. Ishrat Nagina 2022-23	Prof. Dr. Abdul Sattar Head, Department of Radiology Nishtar Medical University, Multan	26-Nov-24 Count: 1	Diagnostic accuracy of regional diffusion tensor imaging in intracranial gliomas taking histopathology as gold standard
5.	Dr. Arif Hussain 2023-24	Dr. Nazahat Pasha Assistant Professor of Radiology Ch. Pervaiz Elahi Institute of Cardiology, Multan	6-Jan-25 Count: 1	Diagnostic accuracy of high-resolution computed tomography chest in diagnosing sputum smear positive and sputum smear negative pulmonary tuberculosis using sputm culture as the gold standard
6.	Dr. Suman Javed 2023-24	Dr. Naeem Ahmad Khan Associate Professor of Radiology Services Institute of Medical Sciences, Lahore	9-Jan-25 Count: 1	Diagnostic accuracy of MRI (Diffusion weighted imaging and spectroscopy) in distinguishing abscesses from necrotic brain tumors taking histopathology as gold standard
7.	Dr. Muhammad Jafir Khan 2022-23	Prof. Dr. Saira Bilal Professor of Radiology Punjab Institute of Neurosciences, Lahore	21-Feb-25 Count: 1	Diagnostic accuracy of ACD values to differentiate between HGH grade glioma and low grade glioma taking histopathlogy as gold standard
8.	Manoj Kumar Yadav 2020-21	Prof. Rana Zaheer Mustafa Professor of Radiology Sheikh Zayed Medical College, Rahim Yar Khan	25-Feb-25 Count: 3	Role of renal duplex ultrasonography in diagnosis of renal dysfunction and hepatorenal syndrome in patients with liver cirrhosis

9.	Dr. Rabia Tariq Qureshi 2023-24	Dr. Sadaf Arooj Associate Professor of Radiology Allama Iqbal Medical College, Lahore	12-Mar-25 Count: 1	To compare the diagnostic accuracy of hysterosalpingography (HSG) and magnetic resonance imaging of the pelvis (MRI-Pelvis) in the assessment of uterine anomalies, using surgical findings as the gold standard among patients with infertility
10.	Dr. Amna Anwaar 2018-19	Dr. Sarah Aleemi Assistant Professor of Radiology Punjab Institute of Cardiology, Lahore	25-Mar-25 Count: 2	Accuracy of ultrasound versus magnetic resonance imaging for various grades of fatty liver taking shear wave elastography as gold standard