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Explore my cases on [Radiopaedia](#)

Visit my online course on AI in Medicine at [aipaedia.com](#) (in development)

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PROFESSIONAL SUMMARY

A patient-focused clinician with calm, kind approach and an effective team player, never to shy away from stressful and challenging clinical or social situations. Over 20 years of experience in General Radiology, Emergency Radiology and subspecialty expertise in Breast Imaging, Head & Neck, Gynecology Imaging and non-vascular Interventions. In addition, had worked in other subspecialties in the past including GI, MSK, Neuroimaging and Antenatal imaging. Excellent communication skills, admired and valued in leadership and teaching roles. Proven track record as a competent professional and a lifelong ardent student with active engagement in emerging field of programming in Python and Artificial Intelligence. And most importantly values empathy, honesty, compassion, courage, credibility, and reliability as the core values of life.

REGISTRATIONS AND AFFILIATIONS

Active Registrations:

- General Medical Council (GMC # 7579033)
- Awarded CESR and entered in Specialist Register (Radiology) on 21/06/2023
- Medical Council of India

Memberships:

- Indian Radiological & Imaging Association.
- European Society of Breast Radiology (corresponding member).
- American Board of Artificial Intelligence

WORK HISTORY

08/2023- Current

Consultant Radiologist

St Mary's Hospital (NHS Isle of Wight)- Isle of Wight, United Kingdom.

Description:

St Mary's hospital is a tertiary care hospital catering to the population of Isle of Wight. It aims at providing quality medical care to the islanders and also forms an important base of providing opportunities to foundation year doctors.

The Trust was established in April 2012 as the only fully integrated provider of health services to an isolated offshore population of 140,000.

It provides comprehensive breast care services to the islanders.

Main role: Breast imaging and breast and other non-vascular interventions and Head and neck support. Including following:-

Run symptomatic breast clinic with following activities:-

- Performing and reporting independently diagnostic breast ultrasounds.
- Performing independently Ultrasound guided and stereotactic Breast biopsies,
- Aspirations, FNAC, preoperative tumor localizations (such as wire localization Magseed insertions).
- Reporting Mammograms.
- **Other subspecialty areas:-**
Independently perform image guided nonvascular interventions such as following -
- USG guided visceral (such as renal, liver, peritoneal, pelvic) biopsies and aspirations.
- USG guided Thyroid FNAC and Thyroid ultrasound.
- Head and neck ultrasounds and FNAC / biopsies of nodes/ neck masses.
- Cover Head and Neck MDT in the event of non-availability of head and neck colleagues.
- Cover upper GI MDT and workload in the event of non-availability of head and neck colleagues.
- Perform independently CT guided non-vascular interventions -: CT guided Abdominal, peritoneal, and retro-peritoneal drainage and biopsies.
- Independently report CT body reporting- Out patient, In patient and Emergencies (On call).
- Report Head and Neck imaging/Oncology imaging and Body Imaging.
- Independently report specialized MRI studies such as MRI Liver and Spleen, MRCP, MR Enterorrhaphy, MRI pelvis, Colorectal MRI, MRI spine and Musculoskeletal MRI.

Teaching:-

- Taster week coordinator.
- Teaching sessions for foundation year doctors.
- Guiding CESR candidates for filing for their CESR applications.

Vetting of radiology examinations

MDT-

- Breast MDT.
- Back up cover for Head and neck MDT.

Clinical governance activities:-

- ***Regularly conduct and supervise audits.***
- REAL meetings- Chair of REALM meeting for general radiology on rotation basis.
- Breast Clinical meetings and Breast REAL meetings.
- Implement and developed ongoing program initiatives through communication and collaboration.
- Consistently maintain time and budget targets through strategic leadership and communication.

Reason for leaving:

I shifted to Island to experience island life. Working In St Mary's was a wonderful experience but limited my professional scope. In addition, commuting to London airport becomes very tricky making traveling to my home country quite difficult.

07/2023 - 08/2023 **Time required to change job**

Description:

Time required to change new job.

04/2021 – July 2023

Consultant Radiologist

Aberdeen Royal Infirmary Hospital (NHS Grampian) - Aberdeen, Scotland, United Kingdom.

Description:

Aberdeen Royal Infirmary hospital is tertiary care hospital (NHS Grampian). It is catering wide population from Aberdeen and surrounding areas. It is part of 526-year-old university of Aberdeen with established reputation in providing high standards of hospital based , community health services, Medical Research and Medical education.

Main role: Breast imaging and breast and other non-vascular interventions including following-:

Run symptomatic breast clinic with following activities-:

- Performing and reporting independently diagnostic breast ultrasounds.
- Performing independently Ultrasound guided and stereotactic Breast biopsies,
- Aspirations, FNAC, preoperative tumor localizations (such as wire localization, RF Tags and Magseed insertions).
- Reporting Mammograms.
- **Other subspecialty areas-:**
Independently perform image guided nonvascular interventions such as following -
- USG guided visceral (such as renal, liver, peritoneal, pelvic) biopsies and aspirations.
- USG guided Thyroid FNAC and Thyroid ultrasound.
- Head and neck ultrasounds and FNAC / biopsies of nodes/ neck masses.
- Cover Head and Neck MDT in the event of non-availability of head and neck colleagues.
- Cover upper GI MDT and workload in the event of non-availability of head and neck colleagues.
- Perform independently CT guided non-vascular interventions -: CT guided Abdominal, peritoneal, and retro-peritoneal drainage and biopsies.
- Independently report CT body reporting- Out patient, In patient and Emergencies (On call).
- Report Head and Neck imaging/Oncology imaging and Body Imaging.
- Independently report specialized MRI studies such as MRI Liver and Spleen, MRCP, MR Enterorrhaphy, MRI pelvis, Colorectal MRI, MRI spine and Musculoskeletal MRI.

Teaching-:

- Supervise registrars for various interventional procedure.
- Teach and guide registrars in CT body reporting sessions.
- Post graduate teaching lectures.

Vetting of radiology examinations

MDT-

- Breast MDT.
- Back up cover for Head and neck MDT.
- Back up cover for upper GI MDT.

On call as per rotations:- (1 in 20 on call commitment)

On-call services include emergency CT, MR reporting, Ultrasound and Non-vascular Interventions. Examples of on call reporting and activities include:-

- Stroke reporting
- Poly trauma CT, ultrasound, and Radiographs
- Emergency vascular imaging such as Mesenteric Angiograms, Pulmonary Angiography and Aortograms.
- MRI for Spinal compression
- Emergency non-vascular interventions
- Acute abdomen reporting, such as appendicitis, GI bleed, acute GI ischemia etc
- Emergency pediatric intervention and imaging such as intussusception and reduction of intussusception.

Clinical governance activities:-

- ***Regularly conduct and supervise audits.***
- REAL meetings- ***Chair of REALM meeting for general radiology.***
- On call meetings
- Breast Clinical meetings and Breast REAL meetings.
- Implement and developed ongoing program initiatives through communication and collaboration.
- Consistently maintain time and budget targets through strategic leadership and communication.

01/2021 - 04/2021

Time required to change country and job**Description:**

Time required to change country and take up new job.

10/2017 - 01/2021

Consultant Radiologist

New Ahmadi Hospital, KOC - Kuwait

Description:

New Ahmadi Hospital is a Tertiary care hospital catering to the local and expat population of Kuwait. With advanced infrastructure and expert team of doctors, it forms the backbone of the Kuwait health care system.

Main role: Breast Radiologist with General Diagnostic and Non-Vascular intervention roles in addition to Quality and Audit in-charge.

Summary of Main activities :**Core activities:-**

- Independent covering entire breast imaging work both Symptomatic and Screening services along with breast MRI and interventions.
- Social outreach programs related to breast services.
- Independently report routine daily diagnostic Radiology studies covering full spectrum of diagnostic imaging.
- **On call services-** 1 in 7 Rota bases.
- **Non-vascular interventions.**

Audits and Quality Officer-

- Responsible for investigating and creating action plans related to adverse events and complains. Responsible for executing radiology plan for **JCI accreditation.**

- Clinical Audits:- **“Audit of ultrasound guided renal biopsies (December 2020)”**.

Teaching and training of Registrars and Radiographers. Numerous teaching presentation for registrar teaching, radiographer teaching and post graduate lectures.

Communication and leadership:

- Continuous training and education through online and direct workshops related to Leadership, Safety, Equality and Diversity skills.
- Independently participating in **interdepartmental meetings**.

Continuing medical education- Attended several Conferences and seminars with on an average over 50 CPD points per year.

Safety: BLS and Radiation protection courses. Mandatory induction courses on infection control and safe driving.

Special Achievements and projects:-

- Establishing 1.5 T Toshiba MRI machine.
- Establishing 3.0 T GE MRI machine.
- Establishing MRI protocols for above machines.
- Establishing CT protocols for 365 slice Toshiba CT machine.
- Evolution of Breast imaging services:- initiation of stereotactic biopsies and Vacuum Assisted breast biopsies.
- Teaching and mentoring Registrars / Specialists in breast imaging.
- Coordinator for Surgery-Radiology inter-departmental meetings.
- Consistently maintained time and budget targets through strategic leadership and communication.

Publications:

- **Published Research Paper:**

Mahankali, S.K., Ahamed, S.A., **Gupta, G.S.P.** et al. CT based Acute Appendicitis Severity Index for acute appendicitis and validate its effectiveness in predicting complicated appendicitis. Emerg Radiol 28, 921–927 (2021).
<https://doi.org/10.1007/s10140-021-01950-1>

Main Career related outcomes :-

- Further refined advance skills in Breast imaging and Oncological imaging.
- Developed Leadership and Administrative skills particularly related to equipment procurement and workflow protocols in radiology department.
- Developed Auditing skills and Research skills.
- Developed Quality and Management skills and wrote several departmental guidelines and protocols.
- Evolved skills related to Pediatric radiology.
- Developed advanced skills in Bariums and other fluoroscopic special procedures.

11/2016 - 10/2017

Tele-radiology Consultant

Global Teleradiology - India

Description:

Took extended Sabbatical (roughly for 10 months) due to personal and spiritual reasons. During this time did Tele-radiology practice (Global Tele-Radiology, India).

Main Activities:

Independent reporting of Teleradiology studies - subspecialty interest in Head and Neck imaging and Nuclear Radiology reporting including PET scans.

Special Achievement and Projects:

- Cleared FRCR 2 A exams (all 6 modules in first attempt)
- This was period of personal and spiritual growth, mostly unrelated to core radiology work.

Main career outcomes:-

- Developed and advanced skills in Head and Neck imaging, nuclear radiology, and PET scan.
- Period of immense personal growth and reflection.

05/2016 - 11/2016

Consultant Radiologist and Head of the Department

Galaxy Hospital – Varanasi, Uttar Pradesh, India.

Description:

Galaxy hospital is established and extremely busy private hospital in densely populated city of Varanasi, focusing in service area of **Oncology, Neurology and Trauma services.**

Summary of Main/ core activities:

- Head of the Department and Consultant Radiologist with sub-specialty role in Oncology, Neurology, and stroke services.
- Independently report routine daily diagnostic Radiology studies including full spectrum of diagnostic imaging services.
- Chief of Radiology services with special focus on Neuroradiology.
- Handled over 60 patients per day for various kind of diagnostic services including Ultrasounds, CT scans, MRI, and non-vascular interventions.
- Focus on trauma and neuroimaging. Reported over 30 CT brain and over 4 MRI brains per day.
- **On call services-** 1 in 3 Rota basis. Daily neurology on call.
- **Non-vascular interventions.**

Special Projects and Main Achievements:-

- Establishing PACS and Hospital Information system for radiology department
- Establishment and procurement of PACS system

Main Career related outcomes :-

- Developed advanced skills in Neuro imaging.
- Developed Leadership and Administrative skills particularly related to equipment procurement and day to day management of busy radiology department.

07/2015 - 05/2016

Specialist Radiologist

Burjeel Hospital - Abu Dhabi, United Arab Emirates.

Description:

The Burjeel Hospital is a tertiary care Private hospital with 7-star facilities catering to both local and international patients with super specialized services in Oncology.

Main Role: General radiology with Sub-specialty role in Breast and Oncoimaging and Musculo-skeleton imaging.

Special Achievements and projects-:

- . Participated in ongoing social outreach program for breast cancer patients and their family.
- . CPD and CME activities with over 50 CPD per year.
- . Radiology chair in Tumor Board.
- . BLS and Radiation protection courses.

Main Career outcomes -: Developed and advanced skills related to oncology imaging and breast cancer especially -:

- . **Colo-rectal MRI**
- . **CT colonoscopy**
- . **MR enterography**
- . **Multiparametric MRI of prostate**
- . **Multiparametric MRI breast**
- . **Breast elastography.**

04/2015 - 07/2015

Time Required to Transfer the License for New Job

Description:

Time required to transfer Medical License to another facility and take up new job.

04/2011 - 04/2015

Specialist Radiologist

NMC Specialty Hospital - Abu Dhabi, United Arab Emirates.

Description:

New Medical Centre, popularly known as NMC, is secondary care JCI accredited hospital with several branches throughout Middle East. It caters mainly to local patient population with wide range specialty coverage. The hospital is known for super-specialized Knee and Shoulder services as well Breast cancer, thyroid, and general surgeries. The hospital has forged strategic partnership with Germany's prestigious **Universitäts Freiburg Klinikum** as well as tie-ups with leading international hospitals such as **London Clinic**, for advance medical treatment not available locally.

Main Role: Specialist radiology with general radiology responsibilities and subspecialty role in **Musculoskeletal Radiology and Breast cancer imaging.**

Overview and summary of core activities -:

Independently Manage and provide reporting of various diagnostic studies performed in various state of art equipment including-:

- . Patient friendly open MRI
- . 2 State of art Siemens 1.5 tesla MRI system
- . 64-Slice Spiral CT Scanner
- . 256 slice Cardiac CT scanners
- . 4-D Ultrasound Systems with Color Doppler capabilities (5 machines- Phillips, One Siemens Ultrasound scanner system with elastography)
- . Bone Densitometry (DEXA)
- . Digital Mammogram with CAD system
- . Digital X-Ray systems backed by fully integrated PACS system.

Auditing -:

- Audit titled "Turnaround time (TAT) for reporting of studies performed in emergency setting".
- Audit titled "Incidence of post-surgical complications in patients undergoing ultrasound guided preoperative image guided parathyroid skin marking".
- Audit titles "Accuracy and diagnostic yield of Thyroid FNAC"

On call services-

- 1 in 7 Rota basis.
- Independently reporting on call studies related to Stroke, Trauma, Pediatric emergencies, Gynecology and obstetrics emergencies, Mesenteric angiograms, and Cerebral Angiograms (for active bleed) and emergency drainage procedures.

Teaching and training -: responsible for teaching and training of radiographers on rotation basis.

Communication and MDT: regularly participate in weekly breast cancer MDT, Renal cancer, Gynecological cancer, Colorectal and Thyroid MDT.

Safety -:

- BLS
- Radiation protection courses.
- Course on Safe sedation.
- Course on infection control.
- Course on fire safety.
- Reporting and investigating Key adverse events and near misses through hospital adverse event reporting system.

Continued professional development and continued medical education -:

- Attended CPD and CME activities amounting to over 50 CPD hours per year.

Presentations and publications -:

- Presented CME activity titled "Recent Advances in breast Imaging" accredited By HAAD (Health Authority of Abu Dhabi).
- Presented several educational talks on topics related to breast cancer , Renal biopsies, Thyroid imaging and Vascular doppler.
- Participated in various discussions on JCI policies on weekly basis.
- Published several cases on <https://radiopaedia.org>- a trusted and well-established online platform for radiology education.
- Presented Poster titled " Radiological assessment of raised intracranial pressure based on Optic nerve sheath diameter" in ESR conference, Vienna, Austria in 2014.

Main Career outcomes -:

- Developed advanced skills in Breast cancer imaging including **stereotactic biopsy** and Ultrasound guided interventions.
- Developed advanced skills in **Thyroid FNAC** and Thyroid reporting using TIRADS system.
- Developed advanced skills in **Parathyroid imaging**.
- Developed advanced skill in **Colorectal cancer staging and imaging**.
- Developed advanced skill in **Musculo-skeleton imaging** including Ultrasound of ankle, knee, wrist and shoulder, MRI of ankle, knee, pelvis, elbow, shoulder wrist and other small parts.
- Developed advanced skills in **trauma reporting**.

11/2010 - 04/2011

Time required to change country and take new job

Description:

Time required to change country and take up new job in Abu Dhabi.

Main Achievement:

Cleared Health Authority Abu Dhabi Medical licensing exam in first attempt.

11/2008 - 11/2010

Consultant Radiologist

Shanti Gopal Hospital - Ghaziabad, Uttar Pradesh, India

Description:

Shanti Gopal Hospital is a private hospital mainly focusing in hepato-heat-biliary, Gastrointestinal and General surgery services to the local population of the city.

Main activities:

- Managing and taking care of administrative aspects of radiology department.
- Independently performing all advanced ultrasound procedures.
- Special ultrasound guided interventional procedures.
- Independently perform and report all CT studies including angiography studies.
- Independently and perform and report all Barium studies.

Special achievements and projects:-

- Diploma in first trimester screening for down's syndrome and aneuploidies.
- Workshop on Amniocenteses.
- Workshop on advanced Second trimester Anomaly scan.
- Seminar on shoulder ultrasound.
- **Presentations and CPD:-** Attended National level and state level conferences amounting to a total CPD of over 50 hours per year.
- **Research:** Participated in the ongoing research on drug induced non-alcoholic steatohepatitis caused by chemotherapeutic agent 5 -Fluorocil (study being conducted in Fortis Hospital private limited, Sector 62, Noida, Uttar Pradesh, India).
- **Teaching:** Supervise and train junior radiologists.

Main Career outcomes :-

Developed advanced skills in the following areas:-

- CT guided biopsies
- Ultrasound guided drainage and non-vascular interventions.
- MRI fistulogram
- MRCP and hepatobiliary MRI and CT
- MR adrenal and CT of Kidney.
- CT Chest and HRCT studies.
- CT pancreas and CT angiography.
- Head and Neck imaging (MRI and CT as well neck ultrasounds).

07/2007 - 11/2010

Director & Consultant Radiologist

Aadi Women Care and Research Centre - Ghaziabad, Uttar Pradesh, India.

Description:

Aadi women care, and research center was privately owned Diagnostic center with focus on Obstetrics and Gynecology imaging, Gastrointestinal Imaging and Urological Imaging. The center consisted of three main services:-

- Obstetric and Gynecological services (provided by Consultant Obstetrician and Gynecologist).

- Advanced radiology diagnostic services focusing mainly on super-specialized and advanced Ultrasound procedures and studies.
- Standard Pathology lab with all routine pathology services.

Main activities:

- Managing and taking care of administrative and financial aspects of center.
- Managing and taking care of public outreach program and marketing aspects of center.
- Participating and promoting research in all three wings of center.
- Independently performing all advanced ultrasound procedures.
- Ultrasound guided interventional procedures.

Special achievements and projects:-

- Diploma in first trimester screening for Down's syndrome and aneuploidies.
- Workshop on Amniocenteses.
- Workshop on advanced Second trimester Anomaly scan.
- Seminar on shoulder ultrasound.
- **Presentations and CPD:-** Attended National level and state level conferences amounting to a total CPD of over 50 hours per year.
- **Research:** Participated in ongoing research on drug induced non-alcoholic steatohepatitis caused by chemotherapeutic agent 5 -Fluorocil (study being conducted in Fortis Hospital private limited, Sector 62, Noida, Uttar Pradesh, India).

Main Career outcomes :-

Developed advanced skills in following areas:-

- 3 D fetal ultrasound
- Amniocenteses.
- Ultrasound guided drainage and non-vascular interventions.
- Level II fetal scan (anomaly scans)
- First trimester screening scans and screening for Down's syndrome and aneuploidies.
- Fetal color doppler studies.
- Fetal echocardiography.
- Fetal MRI
- Screening for cervical incompetence.
- Screening of preeclampsia.
- Transvaginal sonography studies gynecological imaging including reporting of Pelvic MRI (studied outsourced).
- Transrectal scans for prostate and seminal vesicles.
- Testicular and penile ultrasounds.
- Shoulder and small part ultrasounds.

07/2007 - 11/2010

Consultant Radiologist

Paras Multispecialty Hospital - Ghaziabad, Uttar Pradesh, India.

Description: Paras Multi specialty Hospital is a small private hospital catering to local population mainly specializing in gastrointestinal surgeries and Obstetric and Gynecological surgeries

Main activities:

- Independently performing all advanced ultrasound procedures.
- Special ultrasound guided interventional procedures.

Special achievements and projects:-

- Diploma in first trimester screening for down's syndrome and aneuploidies.
- Workshop on amniocenteses.
- Workshop on advanced Second trimester Anomaly scan.
- Seminar on shoulder ultrasound.
- **Presentations and CPD:-** Attended National level and state level conferences amounting to a total CPD of over 50 hours per year.
- **Research:** Participated in ongoing research on drug induced non-alcoholic steatohepatitis caused by chemotherapeutic agent 5 -Flourcil (study being conducted in Fortis Hospital private limited, Sector 62, Noida, Uttar Pradesh, India).

Main Career outcomes :- Developed advanced skill sin following areas:-

- MRCP
- Hepatobiliary and bowel ultrasonography.
- 3 D fetal ultrasound
- Ultrasound guided hydrostatic reduction of intussusception.
- amniocenteses.
- Ultrasound guided drainage and non-vascular interventions.
- Level II fetal scan (anomaly scans)
- First trimester screening scans and screening for Down's syndrome and aneuploidies.
- Fetal color doppler studies.
- Feel echocardiography.
- Screening for cervical incompetence.
- Screening of preeclampsia.
- Transvaginal sonography studies gynecological imaging including reporting of Pelvic MRI (studied outsourced).

05/2007 - 07/2007**Time taken to take up new job****Description:**

During this time, I establish my own private startup (private clinic) and started new job in India.

17/02/2007 - 12/5/2007**Specialist Radiologist****Obeid Specialist Hospital- Riyadh, Kingdom of Saudi Arabia****Description:**

Obeid specialty hospital offer high quality private care to the population Capital city of Riyadh. This was my first stint with overseas work, and I joined here as Specialized Radiologist.

Nature of work:

In this private setup hospital, I worked as general radiologist and quickly developed reputation of dependable colleague. My focus was on Ultrasound and CT imaging. Unfortunately, since my young son was not able to join me due to strict visa rules of this country, I chose to leave the job to return to my country (India) following this short stint.

12/2006 – 02/2007**Time taken to take up new job.****Description:**

Time taken to get visa and start new overseas job.

06/2005 - 12/2006

Consultant Radiologist**Yashoda super Specialty Hospital** - Ghaziabad, Uttar Pradesh**Description:**

A private Multi specialty Hospital with advanced radiological services supporting a 300 bedded hospital and team of experienced doctors.

Main activities and daily tasks:

- Reported and performed on an average of 6 MRI (Siemens 1.5 Tesla), 12 CT scans ,10-15 Ultrasounds and Color Doppler, 25-40 X rays (per day statistics).
- Administrative aspects, looking after purchase of accessories, equipment, annual maintenance and insurance of equipment approval and assessment of new staff.
- Mentoring and training of 2 radiology trainee.

Special achievements and Projects:

- 5th MRI teaching course in Neuroradiology (Nanavati Hospital, Mumbai, India, June 2006)
- Teaching seminar on "Chondromyxoid fibroma and No touch lesions of Bone"
- Conducted monthly quiz on clinical cases
- Participated in discussion on "Pulmonary embolism" in monthly clinical meeting of Indian Association of Physicians, Ghaziabad branch
- Awarded "Radiologist of the Year" awarded by welfare association of Indian army on "Shahid Diwas, for Kargil War Martyrs." - 2008.

Main Career outcomes :-

Developed advanced skill sin following areas:-

- 3 D fetal ultrasound
- Ultrasound guided hydrostatic reduction of intussusception.
- amniocenteses.
- CT guided biopsies
- Ultrasound guided drainage and non-vascular interventions.
- Level II fetal scan (anomaly scans)
- First trimester screening scans and screening for Down's syndrome and aneuploidies.
- Fetal MRI
- MRI fistula
- MRCP and hepatobiliary MRI and CT
- MR adrenal and CT of Kidney.
- CT Chest and HRCT studies.
- CT pancreas and CT angiography.
- Head and Neck imaging (MRI and CT as well neck ultrasounds)
- Transvaginal sonography studies gynecological imaging including reporting of Pelvic MRI (studied outsourced).
- Transrectal scans for prostate and seminal vesicles.
- Testicular and penile ultrasounds.
- Ultrasound screening for pyloric stenosis and Pediatric spine, abdomen, and brain sonography.

03/2005 - 06/2005

Visiting consultant

Apollo Clinic - Varanasi, Uttar Pradesh, India**Description:**

Apollo clinic Varanasi, is a private setup, focusing mainly in providing obstetric and gynecological services to the local population of the city.

Main role and activities -:

- Participated in ongoing research program on assisted reproductive techniques.
- Infertility scans and antenatal ultrasound scans.

Main Career outcomes-:

- Developed advanced skills in obstetric imaging, follicular monitoring, and IVF.

11/2004 - 06/2005**Director and Consultant Radiologist**

Suvidha Hi Tech Diagnostics - Varanasi, Uttar Pradesh, India

Description:

Suvidha Hi tech diagnostics is a private center, which provided advanced imaging and laboratory services to city of Varanasi.

Main activities and main role-:

- Independently perform and report various ultrasounds procedures, CT studies, MRI studies and Fluoroscopic procedures.
- Managing marketing and patient outreach program of center including providing free community services to remote villages (health camps).
- Training and teaching of trainee radiographers.

Special achievements:

- Chaired radiology session of CME conducted by Indian railways in year 2004.
- Participated and organized several health camps to provide free on-site ultrasound services using portable machines to poor and underprivileged community.
- Best research paper award in IRIA (2004-2005) for thesis research work "Assessment of raised intracranial pressure in patients with hepatic failure using optic sheath diameter".

Career outcomes-:

- Developed advanced skills in Barium meal, barium swallow and barium meal follow through studies.
- Developed advanced skills in urethrograms.
- Developed advanced skill in GI, and hepatobiliary ultrasounds.
- Developed skills In CT chest, and Pediatric imaging.
- Developed skills in Nuclear Radiology.
- Immensely benefited from social outreach program and health camps- allowed understand nature and need of health care system in India.
- Acquired administrative and marketing skills.

06/2004 - 11/2004**Lecturer Radiology**

SMIH, SGRR Medical College - Dehradun, Uttarakhand, India

Description:

Shri Guru Ram Rai Institute of Health and Medical Sciences & Shri Mahant Indiresch Hospital is a medical institution recognized by Medical Council of India and World Health Organization. It is well equipped with all major radiology modalities and services. The radiology services support a 300 bedded Hospital.

Main activities -:

- Independently perform and report all routine ultrasound procedures.
- Independently perform all doppler studies.
- Perform ultrasound guided and CT guided interventional procedures under supervision.
- Report and perform all advanced CT studies under supervision.
- Report and perform all MR studies under supervision.
- Attend weekly post graduate lectures.
- Teaching: Responsible for undergraduate X-ray and ultrasound teaching.
- Attend interdepartmental meetings under supervision.
- Safety: Radiation protection course and BLS courses, infection control and fire safety courses.

Special Achievements and projects:

- Further advanced and became more confident in CT and MRI reporting
- Further developed skills and became confident in guided intervention procedures.
- Developed leadership skills and soft skills related to communications, teaching of juniors, and working with colleague and patients.

05/2004 - 06/2004**Time Required to Change Job/Places****Description:**

Time required to get relieved from MD training program.

05/2001 - 05/2004**Junior Resident Radiology**

King George Medical University - Lucknow, Uttar Pradesh, India

Description:

King George Medical University is tertiary care hospital and major medical institution of North India providing high standards of hospital based and community health services as well as high quality medical Research and Medical education.

Main activities and capabilities areas of training:

Junior Residency is full-time 3 years program culminating into award of MD Radiodiagnosis.

The curriculum covers full spectrum of Radiology training and ensures specific training and exposure is provided to following aspects -:

- Inculcate principles of Good medical practice.
- Learn principles of engaging with patient and colleagues to successfully functions as independent consultant in hospital settings.
- Continuously engage in reflection, quality related aspects and clinical governance aspects.
- Practice evidence-based medicine and make decision based on dynamically changing evidence and national and international guidelines.
- Learn to play role as mentor, teacher, and supervisor.
- Learn and demonstrate leadership and communication skills.
- Become confident in choosing and tailoring the optimum and safe imaging technique in various patient contexts and the clinical situations
- Confidently provide accurate and actionable reports to enable further the management of the patients.

- Learn to triage and priorities the examinations as well manage the examination lists and procedure lists on day-to-day basis.
- Develop ability to evaluate image quality and optimize the imaging technique such that it remains safe and effective (ALARA principle).
- Teach ability to choose, perform and rapidly report the emergency imaging studies and procedures in on call settings. To ensure confidence in providing 24/7 support in stressful hospital based accidental and emergency settings.
- Teach ability to analyze, summaries and interpret the imaging findings and utilize this ability to communicate effectively in multi-disciplinary teams and interdepartmental meetings to enable furthering of the patient management.

Main Achievements:

- Published Thesis work titled " Radiological assessment of Optic nerve diameter in patients with raised intracranial pressure".
- Review article published in souvenir of UP chapter (IRIA) titles "HRCT Lung".
- Organized 3 CME in institute in the tenure of 3 years.
- Participated UP Chapter, SGPGI (2003)
- Participated GRIP, MRI imaging program.
- Participated and presented research paper in National Conference Hyderabad (IRIA) (2004).
- Assisted the research work of a fellow Gynecology resident titled "Role of Doppler in assessment of Ovarian cysts".
- *Awarded Degree titled "M. D in Radiodiagnosis: following successful completion of the course and qualifying examination which consist of four theory papers and two clinical viva voice (in first attempt)*

01/1998 - 12/1998

Intern (house officer)

LLRM medical college, Meerut & Hindu Rao Hospital - Delhi

Description:

Mandatory 12 months program of Internship following successful passing of MBBS exam. Internship culminates into award of MBBS degree.

SUMMARY OF SUBSPECIALTY INTERESTS AND RELATED SKILLS

Sub-specialty areas of interest:

- **Breast imaging (current main subspeciality)**
- Gynecological imaging
- Thyroid and Head and Neck imaging.
- Upper GI, Hepatobiliary and Colorectal

Special Procedures:

- Stereotactic breast biopsies including tomographic guided biopsies.
- CT guided Ultrasound guided drainages (including complex and advanced procedures).
- Ct guided and Ultrasound guided Biopsies from solid organs and

Soft skills:

- Artificial intelligence related skills such as reasonable well versed in Python and Machine learning.
- Effective communication
- Multidisciplinary teamwork
- Caseload prioritization effective utilization of resources.
- Actively participate in research and publications.
- Actively participate in service Improvement and community outreach program.

Essential and General skills:

- Proven track record in applying principles of Good medical practice.

soft tissue (including complex and advanced procedures).

- Thyroid FNAC.

Specialist investigations:

- MR enterography
- Hepatobiliary MRI and MRCP
- Gynecological MRI
- Colorectal MRI
- Mammography
- MRI breast
- MRI fistulogram
- CT colon

- Excellent communication skill and good command on English language. Ability to communicate effectively with patients and colleagues.
- Proficient in Auditing techniques and use of Quality assessment tools.
- Independent report routine general radiology studies.
- Proven track record as mentor and supervisor. Has trained several trainees and registrars.
- Well versed in leadership skills and able to maintain calm, cheerful, compassionate posture in stressful and challenging situations and able to suggest and implement out of box solutions.
- Always mindful of principles of safe and yet effective imaging (ALARA principle).
- Dependable reporting style with sound effective recommendations.
- Confident in delivering emergency and On-call diagnostic services.

EDUCATION

05/2019

FRCR (UK): Clinical Radiology
Fellow of Royal College of Radiology - London

05/2004

Doctor of Medicine: Clinical Radiology
King George Medical University - Lucknow, India, India

11/1999

Bachelor of Medicine, Bachelor of Surgery: Medicine
LLRM, Ch. Charan Singh University - Meerut, India, India

1991

CBSE Senior Secondary School (GCSE A and AS Levels): Physics, Chemistry, Biology, Mathematic & English
Delhi Public School, BHEL, Delhi Public School, BHEL - Hardwar, Uttarakhand, India
 Overall, first class, GPA: 85, Overall, first class obtained.

ACCOMPLISHMENTS

Awards:

- N Ramdas best research paper award (2004-2005).

- Honors in MBBS
- Honors in MD
- Winner Indian Association of Pediatric quiz (1998) at college level and State level.
- Radiologist of the year award at Shahid Diwas (2006)- Ghaziabad, India
- Rising star of the year (2005) - Varanasi, Uttar Pradesh, India.

Publication

- Thesis (2004): "Radiological Assessment of Optic Nerve diameter in Patients with raised intracranial pressure"
- Publication in international Index journal -: Mahankali, S.K., Ahamed, S.A., Gupta, G.S.P. et al. CT based Acute Appendicitis Severity Index for acute appendicitis and validate its effectiveness in predicting complicated appendicitis. Emerg Radiol 28, 921–927 (2021).
<https://doi.org/10.1007/s10140-021-01950-1>
- In process of publishing : **""MICROCALCIFICATIONS AFTER NEOADJUVANT CHEMOTHERAPY AND ITS IMPLICATIONS FOR SURGICAL PLANNING IN EARLY BREAST CANCER** (Joel Allotey¹, Vinita Ruparel¹, Anna McCallum¹, Karendeep Somal¹, Louise Simpson¹, Gaurav Gupta¹ Ravi Sharma¹, Yazan Masannat²
- Online platforms-: Published case "Acute ischemic stroke-dense MCA sign" on American College of Emergency Physicians website.
- Online platforms-: Over 30 cases published on <https://radiopaedia.org>

Research experience:

Ongoing research (multi center trials)-:

- **ATNEC:** Axillary management in T1-3N1M0 breast cancer patients with needle biopsy proven nodal metastases at presentation after neoadjuvant chemotherapy.
- **PIONEER:** Randomized Phase II clinical trial PIONEER- A Pre-operative window study of letrozole plus PR agonist (Megestrol Acetate) versus letrozole alone in post-menopausal patients with ER-positive breast cancer.

Past / completed studies/trials-:

- Participated in the ongoing research on drug induced non-alcoholic steatohepatitis caused by chemotherapeutic agent 5 -Fluorocil (study being conducted in Fortis Hospital private limited, Sector 62, Noida, Uttar Pradesh, India).
- **MICROCALCIFICATIONS AFTER NEOADJUVANT CHEMOTHERAPY AND ITS IMPLICATIONS FOR SURGICAL PLANNING IN EARLY BREAST CANCER** (Joel Allotey¹, Vinita Ruparel¹, Anna McCallum¹, Karendeep Somal¹, Louise Simpson¹, Gaurav Gupta¹ Ravi Sharma¹, Yazan Masannat²

Teaching and clinical presentations (last 5 years): In chronological order-:

- New Ahmadi Hospital, KOC, Kuwait -Post graduate teaching presentation (October 2017): **"Xanthogranulomatous cholecystitis"**.

- New Ahmadi Hospital, KOC, Kuwait- (November 2017)-: **"Recent advances in Breast carcinoma imaging"**.
- New Ahmadi Hospital, KOC, Kuwait- case presentations (CME activity) (December 2017)- "Gastric Duplication Cyst".
- New Ahmadi Hospital, KOC, Kuwait- Post graduate teaching presentation (2018)-:"**Laparoscopic Repair of Diaphragmatic Hernia**".
- New Ahmadi Hospital, KOC, Kuwait- Inter departmental meetings- (Jan 2018)-: "Thyroid nodules- Clinical Pathways- Best practice in Thyroid Nodule Ultrasound".
- New Ahmadi Hospital, KOC, Kuwait-Teaching presentations- (June 2018)-: **"Radiological assessment in case of Pyrexia of Unknown Origin"**.
- New Ahmadi Hospital, KOC, Kuwait- teaching presentation-(August 2018)-: **"Evaluation of the upper extremity vascular system"**.
- New Ahmadi Hospital, KOC, Kuwait- Post graduate teaching- (Jan 2019)-: "A radiology-based quiz".
- New Ahmadi Hospital, KOC, Kuwait- Post graduate teaching presentation (Jan 2019)- **"Scar pregnancy"**.
- New Ahmadi Hospital, KOC, Kuwait- Interdepartmental meetings (June 2019)-: **"Standardized Ultrasound reporting of thyroid nodules"**.
- New Ahmadi Hospital, KOC, Kuwait- interdepartmental meeting presentations (October 2019)-: **"Mammography evaluation of breast- what a clinician should know"**.
- KOC- interdepartmental meetings (Jan 2020)- **"Thyroid Oncocare: The role of Histopathologist/ Cytopathologic and integration with Tumor board"**.
- New Ahmadi Hospital, KOC, Kuwait- Interdepartmental meetings (Nov 2019); "A case of venous thrombosis embolism- an institution perspective".
- KOC, post graduate teaching presentation- (October 2020)- **"A rare presentation of a rare disease- Riedel's thyroiditis- initially presenting with toxicity but eventually showing spontaneous resolution."**
- **Lecture of "AI in health care" for FY2 doctors- 2024 (St Mary's Hospital.)**
- **Started taster week experience fo FY doctors in St Mary's Hospital.**
- **Lecture on "Breast care- how do we do it"- St Mary's hospital for FY2 doctors.**

CPD activities: (last 5 years)- in chronological order:-

- Welcome to UK Practice event (28-Nov-2020)
- Clinical Use of 3D Image-guided Prone and Upright Breast Biopsy (13-Apr-2020)
- Breast Cancer Staging and Treatment (13-Apr-2021)
- MRI breast reporting and MRI guided biopsy(13-Apr-2021)
- Image-guided Prone and Upright Breast Biopsy(13-Apr-2021)
- American Board of Artificial Intelligence in Medicine Review Course - Virtual Webinar (17-May-2021)
- Looking after your finances - your NHS pension and financial planning (30-May-2021)
- Pre-Operative MRI. Are we making progress? (02-Jun-2021)
- A healthy REALM: overcoming challenges to a positive culture (03-Jun-2021)
- Image-guided Prone and Upright Breast Biopsy (13-Jun-2021)

- Best practice in caring for lesbian, gay, bisexual, transgender, queer or questioning (LGBTQ+) patients who have cancer (06-Oct-2021)
- Targeted locoregional therapies for liver tumors (a joint session with the British Society of Interventional Radiologists) (11-Oct-2021)
- News and Views: HR positive breast cancer- Perspective in breast cancer care (13-Oct-2021)
- The HER2 view on breast cancer- Perspective in breast cancer care (14-Oct-2021)
- Turning Negative into Positives in TNBC-Perspective in breast cancer care (15-Oct-2021)
- PERSPECTIVE IN BREAST CANCER CARE- Case Challenge (16-Oct-2021)
- Self-learning activities and post graduate lectures (various dates through the year).
- CP angle pathologies mastery series- May 2023
- Fundamentals of ML in healthcare- Feb 2024
- eLFH IRMER training (2024).
- ConnAction 2023 (15Hr comprehensive online CPD activity)
- European diploma in radiology simulation exam (2023)
- Radiology Events and Learning Meeting (REALM) (Bristol,UK)- October 2023

Audit (last 5 years): In chronological order

- **Audit of ultrasound guided renal biopsies** (December 2020).
- **Audit on Ultrasound guided fine needle aspiration (FNA) of thyroid nodules** (October 2021)
- **Compliance to RCR guidelines while requesting staging CT in breast cancer (2022)**
- **Compliance to RCR guidelines while requesting staging CT in breast cancer**
- **Review of the Clinical Impact of Percutaneous Computed Tomography (CT) Guided Drainage of Intra-abdominal Collections (2022)**
- **Appropriateness of usage of computed tomography pulmonary angiography (CTPA) investigation of suspected pulmonary embolism (Dec 2023)**

Management and leadership experience (last 5 years): In chronological order:-

In New Ahmadi Hospital, KOC, Kuwait (October 2017-Jan 2021):-

- Establishing 1.5 T Toshiba MRI machine.
- Establishing 3.0 T GE MRI machine.
- Establishing MRI protocols for above machines.
- Establishing CT protocols for 365 slice Toshiba CT machine.
- Initiation and induction of Breast imaging services, including Stereotactic VAB in department.
- Teaching and mentoring Registrars and Specialists in breast imaging.
- Chief coordinator for Surgery-Radiology clinical meetings. Implemented and developed ongoing program initiatives through communication and collaboration.
- Consistently maintained time and budget targets through strategic leadership and communication.

In Aberdeen Royal Infirmary Hospital:-

- Chairing REALM meetings.

- On call meetings
- Audits
- Mortality and Morbidity meetings
- Breast Clinical meetings.
- Implemented and developed ongoing program initiatives through communication and collaboration.

In current job (St Mary's Hospital):

- Started Taster week for foundation year doctors.
- Chair REALM meetings.

Online profiles and links:

- LinkedIn Profile link: <https://www.linkedin.com/in/dr-gaurav-gupta-06346179/?originalSubdomain=ae>
- Radiopaedia profile link: <https://radiopaedia.org/users/gaurav0133>
- <http://www.aipaedia.org>

Note:

- Please do not hesitate to contact me for any clarifications.
- References can be provided on specific request.