

Mohammad Rehan Asad, MBBS, MD (Anatomy)
Curriculum Vitae

Father's Name: Mohammad Asad

Date of Birth: 30 Sep 1979

Nationality: Indian

Marital Status: Married

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Present appointment:

Assistant Professor, Anatomy, Department of Basic Medical Science, College of Medicine, Majmaah University, Al- Majmaah, Saudi Arabia. I am also member in Department of Medical Education. Coordinator for Faculty Development Programme, & member for Curriculum Committee.

PREVIOUS APPOINTMENTS:

- Worked as *Assistant professor* at Inaya Medical College, Riyadh, Saudi Arabia, from 22/August, 2015 to 16/June/2016.
- ***Assistant professor***, Anatomy in college of Medicine, Majmaah University, Ministry of Higher Education, Kingdom of Saudi Arabia for **FOUR YEARS** from 25 July 2011 to 15 August 2015.
- ***Assistant Professor***, Dept. of Anatomy, TMMC&RC, Teerthanker Mahaveer University, Moradabad, India for **ONE YEAR ONE MONTH** from 1st June 2010 -23 July 2011
- ***Demonstrator***, Department of Anatomy, J.N.Medical College, AMU, and Aligarh: 31 May 2007 to 30 May 2010.
- Work as ***Medical officer*** in UP PMS from 2006-2007, Selected through UP Public service commission.
- Selected as a ***captain (Army Medical Corps, Indian National Army, 2006)***.

Job Responsibilities

1. Participated in anatomy teaching in all the modules of Basic Medical Science.
2. Conducting practical sessions of anatomy for system based modules.
3. Member, department of basic medical science and department of Medical education.
4. Member of the curriculum committee of the College of Medicine, Majmaah University.
5. Engaged in Quality assurance as member for planning and development responsible for complying standards required by National commission for academic accreditation and assessment, Saudi Arabia.

Job Responsibilities for academic year 2015-2016:

1. Coordinated and teach Respiratory Anatomy Course at RTS department, Inaya Medical College.
2. Coordinate and teach Teaching and learning course at Inaya Medical College.
3. Designed, implemented and coordinate Faculty Development Programme.
4. Member of the steering committee of NCAAA at IMC.
5. Chair for standard 10, and standard 11 of NCAAA at IMC.

Job Responsibilities for academic year 2014-2015:

- a. Member and Coordinator of Curriculum committee, College of Medicine, Majmaah University, Majmaah.
- b. Year Coordinator for year 3, which consist of five modules of basic medical sciences.
- c. Module coordinator for introduction to imaging and surface anatomy module. MEDU 340
- d. Part of the mentorship Programme for students.
- e. Involved in teaching of Gross Anatomy, Embryology and Histology in different modules of Phase II, College of Medicine, Majmaah

Previous Job Responsibilities

- a. Module coordinator for Human Body Module, HUMN110 for two academic years.
- b. Module coordinator for Movement and control module in year 2012-2013.
- c. Module coordinator for introduction to imaging and surface anatomy module, MEDU 340 in 2013-2014.
- d. Year Coordinator for year 2, which consist of five modules of basic medical sciences in last two academic years.

Academic experiences and responsibilities:

- a. Experience in developing outcome based hybrid curriculum.

- b. Experience in developing “*Introduction to imaging and surface anatomy module*” as an elective module for the students at the end of phase II i.e., Fundamentals of Medicine in College of medicine.
- c. Team member as content expert of anatomy for a different committee involved in designing and developing modules for MBBS students.
- d. Experience in conducting Problem based learning sessions as facilitator.
- e. Experience as Coordinator for Faculty development Programme in College of Medicine, Majmaah.
- f. Experienced in taking interactive lectures of clinical anatomy, embryology and histology with an intradisciplinary and interdisciplinary integrative approach.
- g. Experienced in conducting histology, development and gross anatomy practical's in system based labs.
- h. Experienced in conducting dissection session and teaching anatomy on plastinated and prosected specimens.
- i. Attended and presented sessions and hands on workshop of faculty development Programme on topics of medical education like Pbl case designing, blueprinting, Assessment strategies, setting MCQ, Case scenarios, simulation , student centered learning, Clinical Skills e.g. Working on Harvey's, Quality assurance, Biostatics and Curriculum mapping

Professional registration

MCI (UP) Registration No: MBBS : 51238

MCI Registration : MD (ANATOMY): 21621

PROFESSIONAL QUALIFICATION

MD (ANATOMY): May, 2010: Jawaharlal Nehru Medical College, Aligarh
Muslim University, Aligarh, India

MBBS : April, 2005: Jawaharlal Nehru Medical College, Aligarh
Muslim University, Aligarh, India

Post Graduate Diploma in Medical Education, 2019, University of
Dundee, United Kingdom

ACADEMIC QUALIFICATION

EXAMINATION	UNIVERSITY	YEAR OF PASSING
MD (ANATOMY)	AMU	2010
MBBS	AMU	2005
Senior secondary	AMU	1997
Higher secondary	AMU	1995

MD (ANATOMY) THESIS:

Effects of Gentamicin on auditory cortex of adult albino rat

(Supervisor- Professor, S.M.Dawar Hussain)

TEACHING EXPERIENCE:

- Total **sixteen years** of experience in teaching anatomy to Medical Undergraduates in College of medicine
- **More than thirteen years** of experience in teaching anatomy as Assistant professor in College of Medicine.
 - **Twelve years'** experience in teaching anatomy in outcome based integrated curriculum.
 - **One year** of experience teaching MBBS students in Regional Anatomy classes, taking lectures, small group learning, dissection, Histology and development lab in the traditional curriculum as an assistant professor.
- **Three year** of experience teaching MBBS and BDS students in Regional Anatomy classes as Demonstrator.
- ✓ My three years of teaching experience as demonstrator includes teaching in Dissection Hall, Histology Lab and tutorials.
- ✓ I have presented seminars on various topics of gross anatomy and Developmental anatomy during this tenure in the anatomy department.

LANGUAGE AND INFORMATION TECHNOLOGY SKILLS:

- Well versed in English, Urdu and Hindi
- IELTS Academic band score: 7 valid for two years
- Well versed in Microsoft Office (Word, Excel, and PowerPoint).
- I am proficient in using the internet for educational purpose.

CONFERENCES ATTENDED:

1. National conference of Anatomical Society of India conducted on Dec 2008
2. Annual Conference of U.P-ASICON-2010 on 31 October 2010
3. Curriculum Orientation & Development workshop, 16-18/07/2011 at Jamia Hamdard, New Delhi. Accredited by the executive scientific committee for curriculum development, Deanship office, College of Medicine, Majmaah University
4. The First Majmaah symposium on medical education, 12-13/03/2012 at King Khalid Hospital Majmaah. Accreditation No. 2012/24572 with 11 hrs CME/PD accredited.
5. Attend workshop E-learning conducted under supervision of Deanship of e-learning and distance learning, Majmaah University on 09/12/2012
6. MD Consult and Clinical Key training session, Majmaah University, 03/04/2013.

CME ATTENDED:

1. CME on Sectional Anatomy, 31/10/210

2. CME cum workshop on Electron Microscopy in Medical research, 26/12/ 2008
3. “Essentials of Medical education of Clinicians”, Faculty of Medicine, Majmaah University, 14/11/2011, PD Accreditation No: 22055/2011
4. First annual physical therapy scientific day, 18/04/2012

Presentations and posters:

1. *“Effective Communication Skills”* Faculty development programme, College of medicine, Majmmah University.
2. *“Reviewing Medical Education In light of History of Islamic Medicine”* Faculty development programme, College of medicine, Majmmah University.
3. *“Standard settings in assessment”* Faculty development programme, College of medicine, Majmmah University.
4. *“Gentamicin induced neurodegenerative changes in auditory cortex of adult albino rats”* poster presentation at Research day, College of Medicine, 2013-2014.
5. *“Role of Anatomy in Outcome Based Integrated Curriculum for Medical Undergraduates”* presentation at Research day, College of Medicine, Majmaah.

Articles selected for poster at SIMEC 2014.

- *Role of Living and Surface Anatomy in Current Trends of Medical Education*

Authors: Asad, Mohammad Rehan and Nazim Nasir

- *Perceptions of medical undergraduates towards Problem based learning (PBL) in an integrated outcome based curriculum*

Authors: Khwaja, Amir Mohammad; **Asad, Mohammad Rehan;** Al Mansour, Mohammad; Sami, Waqas; Afzal, Kamran; Al Matlooby, Ghassan

- *Student's Perception on Objective Structured Practical Examination in College of Applied Medical Sciences*

Authors: AHMAD, NAZIM NASIR; **Asad, Mohammad Rehan;** Sami, Waqas; Amir, Khwaja Mohammad

Research projects:

- ✓ Involved as an internal reviewer in reviewing research project for Basic Health Sciences Research Centre, Deanship of Research at Majmaah University.
- ✓ Successfully completed one funded research project as principal investigator of total grant of **sixty two thousand Saudi Riyal** sanctioned by Basic Health Sciences Research Centre, Deanship of Research at Majmaah University in Academic session 2013-2014. Research project title *“Effect of Ageing on lumbar curvature, lumbar mobility, back extensor strength and their relationship with postural stability and clinically relevant low back pain (CLBP)”*.
- ✓ Involved as Principal investigator in a non- funded research project approved by Research centre of College of Medicine. Research project title ***“outcome based curriculum: perception & attitude of undergraduate medical students towards various learning methods used in basic medical science phase”***

- ✓ Involved as co-investigator in another non-funded research project approved in year 2013-14. Research project title *“Assessment related anxiety and stress among medical undergraduates in an integrated curriculum”*.

CME:

- Pursuing **Masters in Medical Education** from University of Dundee, United Kingdom.
- Details of the modules that I had passed in this course:
 1. [CM51001 - Induction Module \(SEM12 11/12\)](#)
 2. [CM50101 - Teaching And Learning In Medical Education \(SEM12 11/12\)](#)
 3. [CM50102 - The Principles Of Assessment In Medical Education \(SEM12 11/12\)](#)
 4. [CM50103 - Curriculum Planning In Medical Education \(SEM12 11/12\)](#)
 5. [CM50113 - Assessing Knowledge, Skills And Attitudes \(SEM12 11/12\)](#)
 6. Management and Leadership in Medical education
 7. Research in Medical education

➤ **Publications:**

1. *Sample size determination in health research*
Authors: Waqas Sami, M.O. Rukban, Tayyaba Waqas, **Rehan Asad**, Kamran Afzal. *“JAMC”, Ayyub Medical College, Pakistan.*
Reference Number: 12-238

2. Gentamicin induced neurodegenerative changes in auditory cortex of adult albino rats.
Authors: **Asad Mohammad Rehan**¹, Rizvi Moattar Raza², Sami Waqas³, Afzal Kamran⁴. *Majmaah J. Health Sciences*, 2013-Vol. 1, No.1
3. "Role of Anatomy in Outcome Based Integrated Curriculum for Medical Undergraduates".
Authors: **Asad Mohammad Rehan**¹ and Jafari Fahim Haider². *Journal of Rawalpindi Medical College (JPMC)*; 2013; 17(1):153-154.
4. "Effects Of Stress Induced Chronic Depression And Antidepressant Drugs On CA4 Region Of Hippocampus In Adult Albino Rats". ¹Nazim Nasir and ²**Mohammad Rehan Asad**. *IJCR Vol. 5 (04) 943-944*, April, 2013. (*Impact factor: 1.125, IC value: 6.29*).
5. Effect of fluoride on CA3 region of hippocampus in adult albino rat. Nazim Nasir¹ and **Mohammad Rehan Asad**². *Journal of Asian Scientific Research*, 2013, 3(7):729-733.
6. Gentamicin induced biochemical changes in auditory cortex of adult albino rat.
Authors: Asad Mohammad Rehan¹, Nasir Nazim², Afzal Kamran³, Sami Waqas⁴, Jafari Fahim Haider⁵. *Journal of Asian Scientific Research*, 2013, 3(9):876-881.
7. Analysis of the neck length and its incidence in for cervical spondylosis in young Adults. Authors: Mohammad Taha, Fahim

Haider Jafari, Prashant Kashyar, **Mohammad Rehan Asad**, Waqas Sami, Fawaz Fahad Al Otaibi . *Journal of Rawalpindi Medical College (JPMC)*; 2014; 18(1): 3-6.

8. Relationship between Spinal Range of Motion, Dynamic Lumbar Curvature, and Functional Disability In Patients with Chronic Low Back Pain. **Mohammad Rehan Asad**, Mohammad Khwaja. *International Journal of Physical therapy research and Practice*; 2014; 2(2): 3-10.
9. Effect of Ageing on Lumbar Curvature, Lumbar Mobility, Back Extensor strength, their relationship with postural stability and clinically relevant low back pain. **Mohammad Rehan Asad**, Khwaja Mohammad Amir, Fahim Haider Jafari, Waqas Sami, Mohammad Taha. *Indian Journal of Physiotherapy and Occupational therapy. Vol 8 (4), 276-281.*
10. Nazim Nasir, **Mohammad Rehan Asad**, Waqas Sami, Sumbul Nasir. Estimation of Height for Measuring Foot, Hand and Head Length in Northern Indian Population. *Majmaah Journal of Health Sciences*, 2015, Vol 3(1), 33-36.
11. Nazim Nasir, **Mohammad Rehan Asad**, Waqas sami, Khwaja Mohammad Amir. Students Perceptions on Objective structured Practical examination in College of Applied Medical Sciences. *International Journal of Advance Research*, 2015, Vol 3 (6), 535-540.
12. **Mohammad Rehan Asad**, Nazim Nasir. Role of Living and Surface Anatomy in Current Trends of Medical Education.

International journal of Advance research and innovative ideas in education, 2015, Vol 1(2), 203-210.

13. Amir KM, Kamal RB, Ahmad SM, **Asad MR**, Khursheed P Yusuf MA. An assessment of the Learning Mode Preference of Undergraduate Medical Students of Moti Lal Nehru Medical College, Allahabad, *International journal of Advance research and innovative ideas in education, 2015, Vol 1(4), 476-485.*
14. Kazmi Yusuf, **Asad MR**, Sami Waqas, Afzal Kamran, Irfan Abdul, AlMari Nawaf. Perceived stress among male medical undergraduates at College of Medicine, Majmaah, Saudi Arabia. *International journal of Advance research and innovative ideas in education, 2015, Vol 1(5), 602-610.*
15. Moattar Raza Rizvi, Ankita Sharma, Shahnaz Hasan, Fuzail Ahmad, Mohammad Rehan Asad, Amir Iqbal, Ahmad H Alghadir. Exploring the impact of integrated polyvagal exercises and knee reinforcement in females with grade II knee osteoarthritis: a randomized controlled trial, *scientific reports*, 2023, Vol 13 (1), 18964.
16. Mohammad R Asad, Adil Asghar, Nasir Tadvi, Mohammad M Ahmed, Mohammed Nazeer, Khwaja M Amir, Nazim Nasir, Riyaz A Shaik, Apurba Patra, Mohammad Rehan Asad, Naser Tadvi, Mohammad Muzammil Ahmed, Khwaja Mohammad Amir, Nazim Nasir Sr, Riyaz Ahamed Shaik. Medical Faculty Perspectives Toward Cadaveric Dissection as a Learning Tool for Anatomy Education: A Survey Study in India, *Cureus*, 2023, Vol 15 (4).

MEMBERSHIPS:

Life Member U.P Anatomical Society

Member, American Association of Anatomy

Member, International Society for the History of Islamic Medicine,

Enrolment no.59-2013.

Member, International association of Medical Education (AMEE).