

FAAIZ ALI SHAH

Assistant Professor

Orthopaedic & Traumatology

Lady Reading Hospital Peshawar

Khyber Pakhtunkhwa Pakistan

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<https://scholar.google.com/citations?>

Web of Science Researcher ID: J-6843-2019

Scopus Author ID: 55657828900



Certified Publons Academy Graduate(info@publons.com)

Certified Publons Academy Mentor

Researchgate ID: [https://www.researchgate.net/profile/faaiz ali shah](https://www.researchgate.net/profile/faaiz%20ali%20shah)

EDUCATION

- Introduction to the Principles and Practice of Clinical Research(IPPCR) by The National Institute of Health Clinical Centre, from October 2018 to July 2019.(
<https://ocr.od.nih.gov/courses/ippcr.html>)
- Pain Management Certificate Course,2018 – The College of Family Medicine Pakistan.
- Good Clinical Practice (GCP) in collaboration with the National Institute on Drug Abuse (NIDA), Center for Clinical Trials (CCTN) and Clinical Trials Network (CTN) developed to prepare study staff responsible for the conduct of trials with human participants from protocol development through study closeout,4th November 2018.(<https://gcp.nidatraining.org>)
- FCPS(Specialization) in Orthopaedic Surgery,2011-College of Physicians & Surgeons Pakistan(CPSP)
- Intermediate Module in General Surgery,2008- College of Physicians & Surgeons Pakistan(CPSP)
- Post Graduate Diploma in Nutrition, 2006- Allama Iqbal Open University Islamabad Pakistan
- Bachelor of Medicine & Surgery(MBBS), 1997- Khyber Medical College Peshawar Pakistan

EMPLOYMENT/APPOINTMENTS

- **Assistant Professor**
Orthopaedics & Traumatology Division Medical Teaching Institution(MTI) Government Lady Reading Hospital(LRH) Peshawar,KPK, Pakistan from 3rd January 2017 **till date.**
- **Secretary Scientific Committee**
31st International Pakistan Orthopaedic Conference November 16-19,2017 PC Peshawar.
- **Member Hospital Safety Committee**
Lady Reading Hospital MTI Peshawar 2018 till date
- **Senior Registrar**
Orthopaedics & Traumatology Division Medical Teaching Institution(MTI) Government Lady Reading Hospital(LRH) Peshawar,KPK, Pakistan from 20th January 2014 to 2nd January 2017.
- **District Specialist Orthopaedics**
Bacha Khan Medical Complex Swabi From 17/9/2013 to 19/01/2014.
- **Senior Registrar**
Orthopaedic Unit Mardan Medical Complex Teaching Hospital, Bacha Khan Medical College Mardan KPK Pakistan from 17/01/ 2013 to 17/9/2013.
- **Medical Officer**
Orthopaedic Surgery unit Mardan Medical Complex Teaching Hospital, Bacha Khan Medical College Mardan KPK Pakistan from 09/03/2011 to 16/01/2013.
- **Postgraduate Resident**
Orthopaedics Surgery & Traumatology Unit, Khyber Teaching Hospital Peshawar from 18/11/2007 to 17/02/2011.
- **Postgraduate Resident**
Plastic Surgery & Reconstruction Unit, Hayatabad Medical Complex Hospital, Peshawar from 15/4/2010 to 14/7/2010.
- **Postgraduate Resident**
Neuro-Surgery Unit, PGMI/ Hayatabad Medical Complex Hospital, Peshawar from 18/8/2007 to 17/11/2007.
- **Medical Officer**
Basic Health Unit Jhanda District Swabi from 9/02/2002 to 10/02/2006.
- **Trainer/Focal Person**
National Program for Family Planning & Primary Health Care District Swabi, 2005.
- **Postgraduate Resident**
Surgical “B”Unit Khyber Teaching Hospital Peshawar from 18/2/2006 to 17/8/2007.
- **House Physician**
Medical B Unit Government Lady Reading Hospital Peshawar from 23/07/1999 to 22/01/2000.
- **House Surgeon**
Surgical A Unit Government Lady Reading Hospital Peshawar from 23/01/1999 to 22/7/1999.

SKILLS/COMPETENCES

- Adult Orthopaedics & Trauma
- Arthroplasty

- Ilizarov
- Paediatric Orthopaedics & Trauma
- Pelvis & Acetabulum Fracture fixation
- Peer Reviewer
- Research and publication
- ATLS (Advanced Trauma Life Support) Certified
- PTC (Primary Trauma Care Management) Certified

RESEARCH PUBLICATIONS

Google Scholar h-Index 3, i Index 1, Citations 40 <https://scholar.google.com/citations?>)

Submitted for publication:

- AN ANALYSIS OF TEMPORAL VARIATIONS AND MECHANISM OF INJURY OF PAEDIATRIC SUPRACONDYLAR FRACTURES OF THE HUMERUS PRESENTED DURING THE COVID-19 PANDEMIC.
- OUTCOME OF PROXIMAL FEMUR SHAFT FRACTURES IN SCHOOL GOING CHILDREN TREATED WITH LOCKING COMPRESSION PLATES.

Published:

2020

1. [Original Article]. First time traumatic anterior shoulder dislocation: Will it always result in recurrent shoulder dislocation in all patients? The Professional Medical Journal. (www.theprofesional.com) Professional Med J. 2020;27(4):695-699. DOI:10.29309/TPMJ/2020.27.04.3227. **Principal I Author**

2019

2. [Original Article] An Audit of Intramedullary Reaming Biopsy in Long Bone Metastatic Disease. Evaluation of its Diagnostic value and Reaming Sample Adequacy. (<http://www.pafmj.org/>) Pak Armed Forces Med J 2019; 69 (6): 1283-86 (**III Author**)
3. [Original Article] Pattern of peer review proforma of medical journals of Pakistan. Pak J Med Sci. 2019;35(4): 1013-1017. doi: <https://doi.org/10.12669/pjms.35.4.713> (**I Author & Correspondence Author**)
4. [Original Article] Does pin tract infection after external fixator limits its advantage as a cost-effective solution for open fractures in low-middle income countries, a prospective cohort study. Journal of Pakistan Medical Association (JPMA) <http://www.jpma.org.pk> Vol. 69, No. 01, (Suppl. 1) February 2019;41-45. (**I Author**)
5. [Original Article] Open Reduction And Internal Fixation Of Ankle Fractures - Is Timing Of Surgery Important? (<http://jbumdc.bahria.edu.pk>) JBUMDC 2019; 9(1):13-16. **Principal I Author**

2018

6. [Original Article] Our experience of open tibial shaft fractures treated by intra-medullary flexible nailing in paediatric age group. Pakistan Journal of Surgery. (www.pjs.com.pk) Pak J Surg 2018; 34(4): 341-344. **(II Author & Correspondence Author)**

7. [Original Article].Outcome of spine fixation for unstable fractures at dorsolumbar junction including fractured vertebrae in pedicular screw fixation. Pakistan Journal of Surgery. (www.pjs.com.pk) Pak J Surg 2018; 34(4): 333-336. **II Author(Correspondence Author)**

8. [Original Article] A comparative study of surgical site wound complication rates of metallic skin staples versus polypropylene sutures in Orthopaedic wound closure. The Professional Medical Journal.(www.theprofesional.com) Professional Med J 2018; 25(10):1487-1491. DOI:10.29309/TPMJ/18.4603. **Principal I Author**

9. [Original Article] Functional outcome of plantar fascia specific exercise versus corticosteroid injection in chronic plantar fasciitis. Journal of Surgery Pakistan.(<http://www.jsp.org.pk/>) J Surg Pak 2018;23(1):30-34. **IV Author.**

10. [Original Article]. Outcome of Femoral Shaft Fractures Treated With Interlocking Nails: Dynamization Mode Versus Static Mode.Isra Medical Journal.(www.imj.com.pk)Isra Med J 2018;10(4):221-224.**II Author(Correspondence Author)**

11. [Original Article].Frequency of Lag Screw Cutout After Dynamic Hip Screw Fixation of Stable Intertrochanteric Femur Fracture by Keeping Tip Apex Distance Less Than 25 Milli Meter. Pakistan Journal of Medical and Health Sciences.(<http://pjmhsonline.com>) Pak J of Med Health Sci 2018;12(2):842-44-**III Author.**

12. [Original Article] Is distal femoral locking plate the implant of choice to fix all types of distal femoral fractures? Journal of Pakistan Orthopaedic Association (JPOA)www.jpoa.org.pk/.2018 ;30 (2):1-7.**III Author(Correspondence Author).**

13. [Original Article] Our experience of two staged surgery in scoliotic deformities with stiff and larger curves. Pakistan Journal of Surgery.(www.pjs.com.pk). Pak J Surg. 2018; 34(2):131-135-**V Author.**

14. [Case Report] A Rare Variant of Acute Open Fracture Dislocation of Knee Joint.Journal of Islamabad Medical and Dental College.(www.imdcollege.edu.pk)JIMDC 2018; 7(1)78-82. **Principal I Author**

15. [Original Article] Retrograde elastic intramedullary nails versus immediate hip spicca cast in treatment of paediatric femur fracture:A prospective randomized study. The Professional Medical Journal.(www.theprofesional.com) Professional Med J 2018; 25(5):639-642. DOI:10.29309/TPMJ/18.4457.**III Author.**

16. [Original Article]. Orthopedic Approach in Patients with Multiple Injuries Ophthalmology Update. Volume16, No.2, 2018. (www.ophtalmologyupdate.com) Pages 669-672.**IV Author**

17. [Original Article] Early Experience with Ponseti Technique in the Management of Congenital Idiopathic Talipes Equino Varus (CTEV) in Children less than 1 Year of Age.Ophthalmology

Update. Volume16, No.2,2018. (www.ophtalmologyupdate.com)Pages 653-654.**IV Author**

2017

18. [Original Article] Percutaneous Pinning in Displaced Supracondylar Humerus Fracture with Two Crossed K-wires in Children. Ophthalmology Update. Volume16, No.1,2018(www.ophtalmologyupdate.com) Pages 560-563. **IV Author**
19. [Original Article] Comparison of Clinical & Radiological Outcomes between Minimally Invasive Plate Osteosynthesis and Open Reduction with Internal Fixation in Distal Tibial Fractures. Ophthalmology Update. Volume16, No.1,2018. (www.ophtalmologyupdate.com)Pages 556-559.**IV Author**
20. [Case Report] Hydatid cystic disease of paraspinal muscles.Biomedical Journal of Scientific & Technical Research(Biomed J Sci & Tech Res)*Volume 1- Issue 6 : 2017*DOI: 10.26717/BJSTR.2017.01.000495. ISSN: 2574-1241. November 03, 2017. <http://biomedres.us/>. **II Author(Correspondence Author)**.
21. [Original Article] Outcome of Schatzker type VI tibial plateau fractures treated with dual plating. Journal of Pakistan Orthopaedic Association (JPOA)www.jpoa.org.pk/.2017 ;29 (3) : 119-125. **II Author(Correspondence Author).Best Research Paper of The scientific session of 31st International Orthopaedic Conference 16th November to 19th November 2017 at PC Peshawar**
22. [Original Article] Frequency of lag screw cut out in intertrochanteric fractures fixed with Dynamic Hip Screw. The Professional Medical Journal.(www.theprofesional.com) Professional Med J 2017;24(11):1740-1744.**Principal I Author.**
23. [Original Article] Parental Consanguinity and Increased Risk of Idiopathic Congenital Talipes Equinovarus (CTEV).Medical Forum(Med Forum)<http://www.medforum.pk/> 2017; 28(7):89-91.**III Author.**
24. [Original Article] Outcome of flexible intramedullary nails in fracture shaft of femur in children. Journal of Medical Sciences(J Med Sci) <http://www.jmedsci.com>. 2017; 25: (2) 222-226.**IV Author.**
25. [Original Article] Epidemiology and In-Hospital Clinical Outcome of Post Traumatic Limb Amputations in Lady Reading Hospital Peshawar. Journal of Pakistan Orthopaedic Association (JPOA)www.jpoa.org.pk/.2017 ;29 (2) : 22-28. **II Author(Correspondence Author)**.
26. [Original Article] Role of Magnetic Resonance Imaging in Caries Spine. Journal of Islamabad Medical and Dental College.(www.imdcollege.edu.pk)JIMDC 2017;6(2):91-94.**II Author.**
27. [Original Article] Tibial Shaft Fractures: Interlocking Nail Versus Plating. Journal of Surgery Pakistan.(<http://www.jsp.org.pk/>) J Surg Pak 2017;22(1):3-7. **Principal I Author.**
28. [Original Article] Fat embolism syndrome in long bone fractures: Our experience at Lady Reading Hospital Peshawar.Pakistan Journal of Surgery.(www.pjs.com.pk).Pak J Surg 2017; 33(1):25-29.**Principal I Author.**

29. [Original Article] Outcome of trans pedicular screw fixation in unstable fractures of thoracolumbar spine. The Professional Medical Journal. (www.theprofesional.com) Professional Med J 2017;24(1):200-204. **II Author.**

2016

30. [Original Article] Metaphyseal core decompression of distal radius-A novel technique to treat Keinbock's disease. The Professional Medical Journal. (www.theprofesional.com) Professional Med J 2016;23(9):1127-1131. **Principal I Author.**
31. [Case Report]. Bilateral traumatic hip dislocation: Simultaneously one hip anterior and the other posterior-A case report. Journal of Pioneering Medical Sciences. (www.jpmsonline.com) J Pioneer Med Sci 2016; 6(4):113-116. **Principal I Author.**
32. [Original Article] Frequency and antimicrobial susceptibility pattern of Methicillin resistant Staphylococcal aureus in open fractures. Journal of Surgery Pakistan. (<http://www.jsp.org.pk/>) J Surg Pak 2016;21(2):62-66. **Principal I Author.**
33. [Original Article] Frequency of complications with treatment by traditional bone setter. The Professional Medical Journal. (www.theprofesional.com) Professional Med J 2016;23(6):699-704. **II Author.**
34. [Original Article] Autologous blood injection for lateral epidcondylitis of elbow. Journal of Surgery Pakistan. (<http://www.jsp.org.pk/>) J Surg Pak 2016;21(1):31-4. **IV Author**
35. [Original Article] The safety and efficacy of percutaneous release of trigger finger release under local anaesthesia. Journal of Bahria University Medical and Dental College. (<http://jbumdc.bahria.edu.pk>) JBUMDC 2016;(1):634-37. **II Author (Correspondence Author)**

2015

37. [Original Article] Outcome of open reduction and internal fixation of displaced medial epicondyle humerus fractures in children. Journal of Saidu Medical College Swat. 2015;5(1):630-34. (www.smcswat.edu.pk/current-issue.php) **IV Author.**
38. [Original Article] Our experience of dynamic hip screw fixation for intertrochanteric fracture of femur. Pakistan Journal of Surgery. (www.pjs.com.pk). Pak J Surg. 2015;31(3):200-3. **V Author.**
39. [Original Article] Diagnostic accuracy of anterior drawer test in detection of anterior cruciate ligament tear, using Magnetic Resonance Imaging as gold standard. Journal of Surgery Pakistan. (<http://www.jsp.org.pk/>) J Surg Pak. 2015;20 (4):109-111. **III Author.**
40. [Original Article] Frequency of anti-cyclic citrullinated peptide (anti-CCP) antibodies in early symptomatic rheumatoid arthritis. Pakistan Journal of Surgery. (www.pjs.com.pk). Pak J Surg. 2015;31(1):49-53. **Principal I Author.**
41. [Case Report] Neurofibromatosis Type I (Von Recklinghausen) presenting as lower limb hemihypertrophy: A case report. Journal of Pioneering Medical Sciences. (www.jpmsonline.com) J Pioneer Med Sci. 2015;5(2):73-75. **Principal I Author.**

2014

42. [Original Article] Outcome of open reduction and internal fixation of fracture lateral condyle of humerus in children presented late. Pakistan Journal of Surgery.(www.pjs.com.pk). Pak J Surg. 2014;30(3):263-267-**II Author.**
43. [Original Article] A survey of tourniquet use in limb surgery among the orthopaedic surgeons of Peshawar. Pakistan Journal of Medical and Health Sciences.(<http://pjmhsonline.com>) Pak J of Med Health Sci.2014;8(3):523-526-**Principal I Author.**
44. [Original Article] Outcome of intra-articular fractures of distal radius treated with bridging (static) external fixator. The Professional Medical Journal. (www.theprofesional.com)Professional Med J 2014;21(4):649-653.**II Author.**
45. [Original Article] Functional outcome of non operative treatment of radius ulna diaphyseal fractures in children. The Professional Medical Journal. (www.theprofesional.com) Professional Med J.2014;21(1):16-19.**II Author.**
46. [Original Article] Chronic gout and hyperuricemia: Treatment with Febuxostat versus Allopurinol. The Professional Medical Journal. (www.theprofesional.com) Professional Med J.2014;21(1):55-59.**Principal I Author.**

2013

47. [Original Article] Outcome of posteromedial release in late presented cases of congenital talipes equinovarus. Pakistan Journal of Surgery.(www.pjs.com.pk). Pak J Surg. 2013;29(4):259-262-**III Author.**
48. [Original Article] Fracture shaft of humerus treated with a functional brace. Journal of Pakistan Orthopaedic Association.(www.ejpoa.org).JPOA 2013; 25(3): 15-9-**Principal I Author.**
49. [Original Article] Role of percutaneous autologous bone marrow grafting in non-union tibia. Journal of Surgery Pakistan.(<http://www.jsp.org.pk/>) J Surg Pak.2013 Apr-Jun;18(2):92-96.**Principal I Author.**
50. [Original Article] Outcome of femoral shaft fractures in children treated with immediate hip spica cast in emergency. Pakistan Journal of Surgery.(www.pjs.com.pk). Pak J Surg 2013;29(1):52-56-**Principal I Author.**
51. [Original Article] Incidence of pulmonary metastasis detected at the time of diagnosis of primary Osteosarcoma distal femur in a tertiary care hospital. The Professional Medical Journal. (www.theprofesional.com)Professional Med J .2013;20(2):256-260.**Principal I Author.**

2012

52. [Original Article] Efficacy of local corticosteroid injections in De Quervain's tenosynovitis. Pakistan Journal of Surgery.(www.pjs.com.pk). Pak J Surg 2012;28(2):118-121-**Principal I Author.**

53. [Original Article] Fractures in Children: Distribution in Orthopaedic Unit at THQ Hospital Tangi Charsadda NWFP Pakistan. The Professional Medical Journal. (www.theprofesional.com) Professional Med J. 2012;19(6):769-772.**III Author.**
54. [Original Article] Microbiology of chronic osteomyelitis of long bones in a tertiary care hospital. The Professional Medical Journal. (www.theprofesional.com) Professional Med J.2012;19(5):719-722.**Principal I Author.**
55. [Original Article] Outcome of intra-articular injection of methylprednisolone in idiopathic frozen shoulder. Rawal Medical Journal.(www.rmj.scopemed.org) RMJ. 2012; 37(1): 34-37-**Principal I Author.**

2011

56. [Original Article] Outcome of supracondylar fractures of humerus in children treated with open reduction and internal stabilization with cross Kirschner wires. Journal of Surgery Pakistan.(<http://www.jsp.org.pk/>) J Surg Pak 2011;16 (4):157-160.**II Author.**
57. [Original Article] Role of Caudal Epidural Corticosteroid Injection in the management of Sciatica .Annals of Pakistan Institute of Medical Sciences(<http://www.apims.net/>).Ann Pak Inst Med Sci.2011;7(4)169-172.**Principal I Author.**
58. [Original Article] Incidence of deep vein thrombosis in elderly patients suffering acute fracture neck of femur and treated with hemiarthroplasty. Pakistan Journal of Surgery.(www.pjs.com.pk).Pak J Surg 2011;27(3):214-218-**Principal I Author.**
59. [Original Article] Outcome of Autologous blood injections for the treatment of chronic Tennis elbow. The Professional Medical Journal. (www.theprofesional.com) Professional Med J. 2011;18(4):621-25.**Principal I Author.**
60. [Original Article] Unstable fracture of Radius and Ulna. Outcome of intramedullary Kirschner wire fixation in children. The Professional Medical Journal. (www.theprofesional.com) Professional Med J. 2011;18(2):323-27-**II Author.**

2010

61. [Original Article] Outcome of closed reduction and plaster cast immobilization of fracture distal radius in adults. Pakistan Journal of Surgery.(www.pjs.com.pk).Pak J Surg 2010;26(4):315-319-**Principal I Author.**

EDITORIAL

- ✓ Plagiarism: “The Plague of current science” Vol. 31 (3) September, 2019 Journal of Pakistan Orthopaedic Association. 74-75.(JPOA)www.jpoa.org.pk/.
- ✓ Predatory Journals: A global threat to the scholarly publishing landscape. Journal of Postgraduate Medical Institute 2020; 34(1): 1-4. <https://jpmi.org.pk>

MEMBERSHIPS / AFFILIATIONS

- Supervisor Post graduate Trainees Orthopaedic Surgery (FCPS) College of Physician & Surgeon Pakistan since 1st February 2020 till date
- Life time member Asia Pacific Orthopaedic Association(APOA).
- Member executive board Pakistan Orthopaedic Association(POA) 2018.
- Member Disaster & Calamities Committee of Pakistan Orthopaedic Association (POA).2017-2018.
- Academic Member Athens Institute for Education and Research (ATINER) Greece.
- Fellow College of Physicians & Surgeons Pakistan.(CPSP)
- Registered with Pakistan Medical & Dental Council (PMDC) Islamabad Pakistan.
- Lifetime member Pakistan Orthopaedic Association(POA).
- Member Pakistan Association of Medical Editors(PAME).<http://www.pame.org.pk/>

ONGOING RESEARCH PROJECTS

- A comparative study of distal femoral locking plates for fixation of distal femoral fractures: Long working plate versus short working length of locking plates.Registered with Australian New Zealand Clinical Trial Registry(ACTRN). ACTRN Registration No: ACTRN12619001023145 Universal Trial Number(UTN):U1111-1233-8548 Web address of the trial: <http://www.ANZCTR.org.au/ACTRN12619001023145.aspx>.Date submitted: 26/05/2019 11:46:45 PM.Date registered: 17/07/2019 9:02:15 AM.
- Efficacy of perioperative Tranexamic Acid in patients undergoing trochanteric hip fracture surgery: A Randomized Placebo Controlled Trial.” Under registration with ANZCTR.

RESEARCH PAPER PRESENTATION

- ✓ Presented a research a paper title “First Time Traumatic Anterior Shoulder Dislocation: Will it always result in Recurrent Shoulder dislocation in all Patients?” in scientific session of 33rd International Orthopaedic Conference(ORTHOCON 2019) 15th November to 17th November 2019 at PC Lahore.
- ✓ Presented a research a paper title “Two staged surgery in Scoliotic deformities with stiff and larger curves.” in scientific session of 32nd International Orthopaedic Conference (ORTHOCON 2018)15th November to 18th November 2018 at PC Karachi.
- ✓ Presented a research a paper title “Outcome of femoral shaft fracture treated with interlocking nails: Dynamization mode Versus Static mode.” in scientific session of 32nd International Orthopaedic Conference 15th November to 18th November 2018 at PC Karachi.

- ✓ Presented a research paper title “Frequency of pin tract infection in external fixator tibia and its effect on the definitive fracture fixation” in scientific session of 32nd International Orthopaedic Conference 15th November to 18th November 2018 at PC Karachi.
- ✓ Presented a research paper title “Outcome of Schatzker type VI tibial plateau fractures treated with dual plating” in scientific session of 31st International Orthopaedic Conference 16th November to 19th November 2017 at PC Peshawar. The paper was declared as the **BEST RESEARCH PAPER** and received **FIRST PRIZE**.
- ✓ Presented a research paper title “Epidemiology and in-hospital clinical outcome of post traumatic limb amputation in Lady Reading Hospital Peshawar” in scientific session of 30th International Orthopaedic Conference 1st to 4th December 2016, Pearl Continental Hotel Karachi.

POSTER PRESENTATION

- ✓ Prepared & Presented a poster title “Open Reduction and Internal Fixation of Ankle Fractures-Is timings of Surgery Important?” in scientific session of 33rd International Orthopaedic Conference (ORTHOCON 2019) 15th November to 17th November 2019 at PC Lahore.
- ✓ Prepared & Presented a poster title, “A comparative study of Surgical Site wound Complication Rates of metallic skin staples versus Polypropylene Sutures in Orthopaedic Wound Closure “in scientific session of 33rd International Orthopaedic Conference (ORTHOCON 2019) 15th November to 17th November 2019 at PC Lahore.

CLINICAL RESEARCH COURSES/WORKSHOP ATTENDED

- AOPEER Level I Course-Principles of Clinical Research 29th February to 1st March 2020 at CPSP Peshawar.
- **Certified Publons Academy Peer Reviewer 27th December 2019.**(<https://publons.com>)
- **Good Clinical Practice (GCP)** in collaboration with the *National Institute on Drug Abuse (NIDA)*, *Center for Clinical Trials (CCTN)* and *Clinical Trials Network (CTN)* developed to prepare study staff responsible for the conduct of trials with human participants from protocol development through study closeout, 4th November 2018. (<https://gcp.nidatrainig.org>)
- **“Writing in the Sciences” from Stanford University, California 14th October 2019.**The course teaches participants how to write more clearly, concisely, and

efficiently, as well as how to navigate the scientific publication process. (<https://verify.lagunita.stanford.edu/SOA/6311ab84632b4b90912d8775141ff39f>)

- Attended 04 day workshop on Research Methodology, Biostatistics & Medical Writing organized by College of Physicians & Surgeons Pakistan(CPSP) from 19th March to 22nd March 2018.
- Attended one day CME symposium on Research on 25th January 2017 Organized by Dean Lady Reading Hospital Peshawar in auditorium Lady Reading Hospital Peshawar.(05 Credit hours)
- Attended CME: Medical paper writing organized by University of Health Sciences Lahore on 13th May 2016.(3.0 CME Hours).
- Workshop on SPSS (Statistical Package for Social Sciences) held on 18th March 2010, organized by PharmVo Pakistan.
- Workshop on Research Methodology, Biostatistics & Dissertation Writing, held on 18th to 22nd Sep 2006, organized by College of Physicians & Surgeons Pakistan(CPSP).



“Research Cycle”

Certificate Courses from Researcher Academy Elsevier, Netherlands(researcheracademy.com)

1.Research Preparation

- i. Research Funding(Three Modules)
- ii. Research Data Management(Three modules)
- iii. Research collaborations(Two modules)

2.Writing for research

- i. Fundamentals of manuscript preparation(Four modules)
- ii. Writing Skills(Four modules)
- iii. Technical Writing Skills(Five modules)
- iv. Book writing(Two modules)

3.Publication Process

- i. Fundamentals of Publishing(Four Modules)
- ii. Finding the right Journal(One Module)
- iii. Medical Ethics(Four modules)

iv.	Open Science(Three Modules)
v.	Publishing in the Chemical Sciences(Three Modules)
4. Navigating Peer Review	
i.	Certified Peer Reviewer Course(Nine Modules)
ii.	Fundamentals of Peer Review(Four Modules)
iii.	Becoming a Peer Reviewer(Three Modules)
iv.	Going through Peer Review(One Module)
5.Communicating your research	
i.	Social Impact(Two Modules)

INVITED FACULTY OF WORKSHOP/SEMINAR/CONFERENCE

- ✓ Delivered a lecture on How to conduct a Research Study in 1st Orthopaedic Basic Sciences Course on 11th January 2020 at PGMI auditorium Hayatabad Peshawar organized by Department of Orthopaedics & Spine Surgery Khyber Girls Medical College Peshawar.
- ✓ Delivered a lecture on Introduction to Proposal Writing in one day Research Seminar Series 11 and Workshop(Proposal Synopsis) organized by Deanery Lady Reading Hospital Peshawar on 14th January 2019 at LRH Auditorium.
- ✓ Delivered a lecture on How to write an Original Research Article? in 3rd Annual Symposium Mardan Medical Complex & Bacha Khan Medical College Mardan 1st to 3rd March 2019.
- ✓ Delivered a lecture on Ankle Fractures in Interactive Orthopaedic Trauma Review Course Khyber Medical College Peshawar 1st,2nd February 2019.
- ✓ Delivered a lecture on Introduction to Proposal Writing in one day Research Seminar Series 9 and Workshop(Proposal Synopsis) organized by Deanery Lady Reading Hospital Peshawar on 17th January 2019 at LRH Auditorium.
- ✓ Pre-Orthocon Workshop Foot & Ankle Trauma: Current Concepts 16th November 2017 at Lady Reading Hospital Peshawar.
- ✓ Pre-Orthocon Workshop on Basic Trauma 4th ,5th November 2017 at Khyber Medical College Peshawar.

- ✓ Pre-Orthocon Workshop Pelvis & Acetabulum Fractures 21st, 22nd October 2017 at Lady Reading Hospital Peshawar.
- ✓ AO Trauma Symposium-Application of the locking compression Principles on 2nd April 2017 at Lady Reading Hospital Peshawar.

EDITOR OF MEDICAL JOURNALS

- Chief Editor Journal of Pakistan Orthopaedic Association (JPOA).jpoa.org.pk.
- Member Editorial Board Journal of Post Graduate Medical Institute(<https://www.jpmi.org.pk/>)
- Member Editorial Board The Professional Medical Journal(<http://www.theprofesional.com/>)
- Member Editorial Board Journal of Orthopaedic Case Reports(JOCR) www.jocr.co.in

MEMBER REVIEWER'S BOARD

- Athens Journal of Health and Medical Sciences Greece (www.athensjournals.gr)
- Journal of Pioneering Medical Sciences (J Pioneer Med Sci) - www.jpmonline.com

REVIEWER OF MANUSCRIPT

- **Certified Publons Academy Peer Reviewer(Profile on Publons Web of Science at info@publons.com)**
- Malaysian Orthopaedic Journal(www.morthoj.org)
- Journal of Surgery Pakistan(www.jsp.org.pk)
- Journal of Liaquat University of Medical & Health Sciences(JLUMHS) www.lumhs.edu.pk
- Rawal Medical Journal(RMJ) <http://www.rmj.org.pk>.
- Journal of Medical and Biological Engineering, Taiwan (<http://jmbe.bmc.ncku.edu.tw>)
- The Professional Medical Journal Pakistan (www.theprofesional.com)
- Journal of Orthopaedic Case Reports(JOCR) www.jocr.co.in(Received “**Best Reviewer Award**” for the year **2016 & 2018**)