

Abdulrahman Mohammed Alaseem

Personal Data:

Place of Birth: Riyadh, Saudi Arabia
Date of Birth: 23-May-1986
Nationality: Saudi
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Qualifications:

Sept. 2020 **Fellowship Certification in Orthopaedic Oncology and Adult Reconstruction**
The Ottawa Hospital, University of Ottawa, Ottawa, Canada
June 2019 **Fellowship Certification in Orthopaedic Oncology and Adult reconstruction**
McGill University Health Center, Montreal, Quebec, Canada
June 2018 **Board Certification in Orthopaedic Surgery**
Royal College of Physicians & Surgeons of Canada
June 2009 **Bachelor of Medicine and Surgery (MBBS)**
King Saud University, Riyadh, Saudi Arabia with a GPA 4.14/5

Work Experience:

July 2019-Sept. 2020 **Fellowship Training in Orthopedic Oncology and Adult Reconstruction**
The Ottawa Hospital, University of Ottawa, Ottawa, Canada
July 2018- June 2019 **Fellowship Training in Orthopedic Oncology**
McGill University Health Center, Montreal, Canada
July 2013- June 2018 **Residency Training in Orthopedic Surgery**
McGill University Health Center, Montreal, Canada
Aug. 2010-Present **Demonstrator (Teaching Assistant)**
Department of Orthopedics, College of Medicine, King Saud University (KSU),
Riyadh, Saudi Arabia
July 2009-July 2010 **Medical Intern**
King Khalid University Hospital and affiliated hospitals, Riyadh, Saudi Arabia

Awards & Scholarships:

March 2016 **2016 Musculoskeletal Oncology Resident/Fellow Scholarship**
Moffitt Cancer Center, Tampa, Florida
March 2009 **The First Place Research Award**
Poster presentation at the 7th Saudi Thoracic Society Annual Meeting.
Dec. 2009 **The Silver Award** (The second best research award)
Oral presentation at the 2nd Postgraduate Medical Education Research Day,
College of Medicine, King Saud University, Saudi Arabia.

Research Publications:

- 1) Radiographic, Functional, and Oncologic Outcomes of Cemented Modular Proximal Femur Replacement Using the "French Paradox" Technique. J Arthroplasty 2020 Sep 23;35(9):2567-2572. Epub 2020 Apr 23. Anas Nooh, **Abdulrahman Alaseem**, Laura M Epur, Marc-Antoin Ricard, Krista Goulding, Robert Turcotte.
- 2) Acute Thigh Compartment Syndrome due to an Occult Arterial Injury Following a Blunt Trauma: A Case Report. JBJS Case Connector: January-March 2020 - Volume 10 - Issue 1 - p e0506. Anas Nooh, Casey K Wang, **Abdulrahman Alaseem**, Edward J Harvey, Mitchell Bernstein.
- 3) Intraprosthetic Polyethylene Liner Dislocation of a Dual Mobility Mega-Prosthesis in an Osteosarcoma Patient: A Case Report and Literature Review. J Orthop Oncol 6: 131. David Slawaska-Eng, Motaz AlAqeel, Humaid Al Farii, Cyril Boulila, **Abdulrahman Alaseem** and Robert Turcotte.
- 4) Periosteal Aneurysmal Bone Cyst, Clinical picture. Lancet Oncol. 2018 Apr;19(4):e218. Thamer M Alraiyes, Nikolaos A Stavropoulos, **Abdulrahman Alaseem**, Sungmi Jung, Robert E Turcotte.
- 5) Naproxen induces type X collagen expression in human bone-marrow-derived mesenchymal stem cells through the upregulation of 5-lipoxygenase. Tissue Eng Part A. 2015 Jan;21(1-2):234-45. **Alaseem AM**, Madiraju P, Aldebeyan SA, Noorwali H, Antoniou J, Mwale F.
- 6) Naproxen affects osteogenesis of human mesenchymal stem cells via regulation of Indian hedgehog signaling molecules. Arthritis Res Ther. 2014 Jul 17;16(4):R152. Salem O, Wang HT, **Alaseem AM**, Ciobanu O, Hadjab I, Gawri R, Antoniou J, Mwale F.
- 7) The effect of Link N on differentiation of human bone marrow-derived mesenchymal stem cells. Arthritis Res Ther. 2012 Dec 10;14(6):R267. Antoniou J, Wang HT, **Alaseem AM**, Haglund L, Roughley PJ, Mwale F
- 8) The relationship between sleep and wake habits and academic performance in medical students: a cross-sectional study. BMC Med Educ. 2012 Aug 1;12:61. Bahammam AS1, **Alaseem AM**, Alzakri AA, Almeneessier AS, Sharif MM.
- 9) Correlation between serum electrolytes and fasting glucose and Hb1Ac in Saudi diabetic patients. Biol Trace Elem Res. 2011 Dec;144(1-3):463-8. Al-Rubeaan K1, Siddiqui K, Abu Risheh K, Hamsirani R, Alzekri A, **Alaseem A**, Saleh SM, Al-Yami Z, Al-Ghamdi A, Alayed K.
- 10) The effects of Ramadan fasting on sleep patterns and daytime sleepiness: An objective assessment. J Res Med Sci. 2013 Feb;18(2):127-31. Bahammam AS, **Alaseem AM**, Alzakri AA, Sharif MM

Ongoing Research:

- 1) Occupational injuries among orthopedic oncology surgeons, Manuscript on preparation. (*Presented in the MSTS 2018 annual meeting and ISOLS 2019 meeting*)
- 2) Malignant transformation of Giant Cell Tumor among patients treated with and without Denosumab, Ongoing multicenter retrospective cohort. (*Presented in ISOLS 2019 meeting*)
- 3) Practice and Perceptions of Orthopedic Oncologists toward Denosumab Therapy for Giant Cell Tumor of the Bone: Cross Sectional Survey. (*Presented in the MSTS 2018 annual meeting*)

Presentations:

Sept. 11-14, 2019	ISOLS 2019 (20 th General Meeting of the International Society of Limb Salvage) Occupational injuries among orthopedic oncology surgeons
Sept. 11-14, 2019	ISOLS 2019 (20 th General Meeting of the International Society of Limb Salvage) Practice and Perceptions of Orthopedic Oncologists toward Denosumab Therapy for Giant Cell Tumor of the Bone: Cross Sectional Survey.
October 10-12, 2018	2018 MSTs Annual Meeting, New York, US. Occupational injuries among orthopedic oncology surgeons
October 10-12, 2018	2018 MSTs Annual Meeting, New York, US. Practice and Perceptions of Orthopedic Oncologists toward Denosumab Therapy for Giant Cell Tumor of the Bone: Cross Sectional Survey.
June 17-21, 2014	2014 Canadian Orthopedic Research Society (CORS) Annual Meeting, Montreal, Quebec, Podium Presentation Mechanism of Naproxen Induced Type X Collagen Expression in Mesenchymal Stem Cells
June 20-22, 2013	Canadian Orthopedic Association Annual Meeting, Manitoba, Podium Presentation Implication of Mitogen-Activated Protein Kinase in Naproxen Induced Type X Collagen Expression in Human Bone Marrow Derived Mesenchymal Stem Cells

Professional Memberships:

- Member of **Musculoskeletal Oncology Society (MSTS)**
- Member of The **Canadian Orthopaedic Association**
- Member of The **AAOS**
- Member of The **AOTrauma North America**

Courses/ Symposia:

Sept. 11-14, 2019	ISOLS 2019 (20 th General Meeting of the International Society of Limb Salvage) Occupational injuries among orthopedic oncology surgeons
October 10-12, 2018	2018 MSTs Annual Meeting, New York, US. Occupational injuries among orthopedic oncology surgeons
Sept 23-24, 2016	Principles and Practice of Clinical Research (PPCR) Course Burlington, Ontario, Canada
June 3-5, 2016	Florida Keys Musculoskeletal Oncology Course Moffitt Cancer Center, Islamorada, Florida
Feb. 25-28, 2016	AOTrauma Course-Basic Principles of Fracture Management Atlanta, Georgia
April 8-10, 2016	Fundamentals of Hip & Knee Arthroplasty course for Orthopaedic Residents AAOS/AAHKS/Hip Society and Knee Society (Rosemont)
Oct. 15-17, 2014	OTA Resident Comprehensive Fracture Course Tampa, Florida
Aug. 18-24, 2012	Canadian Orthopaedic Association (COA) Basic Science Course Toronto, Ontario, Canada
June 8-10, 2012	67th COA Annual Meeting 2012/ 46th CORS Annual Meeting 2012 Ottawa, Ontario, Canada
June 8-10, 2012	Canadian Connective Tissue Conference (CCTC) Toronto, Ontario, Canada
May 17-18, 2011	AO PolyTrauma Symposium Riyadh, Saudi Arabia.
May 7, 2011	Research Proposal Writing Workshop King Abdullah International Research Center, Riyadh, Saudi Arabia.
Jan. 16-20, 2011	Combined 4th Conference of Saudi Orthopedic Association and SICOT

Clinical and Research Interests:

- Adult and paediatric bone and soft-tissue sarcoma
- Massive Endoprostheses
- Metastatic bone disease
- Adult hip and knee primary and complex arthroplasty

Other Skills:

- **Languages:**
 - English: Fluent speaking and writing.
 - French: beginner level.
 - Arabic: Mother language.
- **Computer:**
 - SPSS, Endnote, biomedical databases.
- **Leadership:**
 - Group leader in the 3rd, 4th & 5th years of the medical school.
 - Leader of a research team of 5th year medical students.

Personal Interests & Hobbies:

- Soccer, swimming and volleyball, water skiing & tubing.

References:

Prof. Robert Turcotte, MD, FRCSC

Professor of Surgery, McGill University

Chair Surgical Oncology, MUHC

Orthopaedic Oncology Surgeon

robert.turcotte@muhc.mcgill.ca

Dr. Jeol Werier, MD, FRCSC

Associate Professor, Department of Surgery, University of Ottawa

Orthopaedic Oncologist

Division of Orthopaedic Surgery, The Ottawa Hospital

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Dr. Hesham Abdelbary, MD, FRCSC

Assistant Professor, University of Ottawa

Surgical Oncology and Reconstructive arthroplasty,

Orthopaedic Division, The Ottawa Hospital

Associate Investigator, Centre for Innovative Cancer Research,

The Ottawa Health Research Institute

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