



Mr Alexander Montgomery Consultant Spinal Surgeon

Mr Alexander Montgomery is a Consultant Spinal Surgeon at Royal London Hospital (Barts Health NHS Trust). He provides reports for both medical negligence and personal injury claims.

His particular areas of expertise include:

- Acute spinal conditions including disc prolapse, sciatica, arm/neck pain
- Degenerative spinal conditions including lumbar/thoracic/cervical
- Minimally invasive approaches to the spine
- Multidisciplinary back pain management
- Spinal deformity and tumours
- Complex spinal procedures
- Spinal sports injuries and trauma

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Mr Montgomery's team at The Royal London was the first in the UK to use the robotic assisted arm in spinal surgery.

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Mr Alexander Sheriff Montgomery

MBCHB, MRCS (Eng), Depl Orth Eng, FRCS (Eng)

Nationality: British

Date of Birth: 12th December 1974

Professional Title: Consultant Spinal Surgeon,

Barts Health

GMC Number: 4615169

SUMMARY OF QUALIFICATIONS

FRCS (Orth), November 2009

Dipl. Orthopaedic Engineering, Exams passed at Grade A MRCS (England), Written, Viva and Clinical MBchB, Glasgow University Medical School, 1994-1999

PROFESSIONAL MEMBERSHIPS

Fellow of The Royal College of Surgeons of England British Spine Society Member NASS (North American Spine Society) member

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MEDICOLEGAL DETAILS

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PROFESSIONAL EXPERIENCE

NHSE Chair and Network Lead of Spinal Surgery North East London and Essex Region.	(April 2020 - present)
Consultant Spinal Surgeon Cleveland Clinic	(March 2024 - present
Consultant Spinal Surgeon Schoen Clinic / Fortius	(August 2018 – March 2024)
Consultant Spinal Surgeon, Barts Health	(May 2012 - present)
Visiting Spinal Surgeon Harborview Hospital, Seattle	(May 2012)
Spinal Fellow, Auckland City Hospital, New Zealand	(Jan 2011 - May 2012)
Spinal Fellow, Norfolk and Norwich Hospital and Ipswich Hospital	(May 2010 - Jan 2011)
Spinal Fellow, Dept of Neurosurgery, Addenbrookes Hospital, Cambridge	(Jan 2010 - May 2010)

TEACHING POSITIONS

Msc Trauma and Orthopaedics, Queen Mary's University (2016 - present)

(Jan 2005 - Jan 2010)

Msc Sports Medicine, Queen Mary's University

ULCH North East London Trauma and Orthopaedic Training

Chair of AO (Middle East) Spine meetings (2015 - 2016)

Fellowship and Registrar trainer in Spinal Surgery, North London Region

Annual course lecturer in Basic Science, Trauma, Minimally Invasive Surgery, and Spinal Cord Injury

MIDDLE EASTERN EXPERIENCE

Visiting Spine Surgeon, Qatar Health Ministry	(2018)
Visiting Spine Surgeon, Cairo Military Hospitals	(2017)
Visiting Spinal Surgeon, Ibn Sinai Neurosurgery Hospital, Kuwait May	(2016)
Visiting Spinal Surgeon Al-Razi Hospital Kuwait April	(2014 - 2018)



INTERNATIONAL RESEARCH PRESENTATIONS CONCERNING BACK AND NECK (SPINAL) INJURIES AT WORK AND COMPENSATION INJURIES

Workers Compensations and Long term outcomes in Lumbar fusion surgery. (Presentation to the University of Washington, Seattle. March 2013.)

Major trauma and management of Spinal fractures in the multiply injured patient. (Presentation to the International Orthopaedic meeting Kuwait City, Kuwait.)

Compensation hinders recovery in lumbar spine fusions - Or does it? Comparing functional outcomes of compensation patients in Lumbar fusions to the NZ compensation system. (Presented at the International Society for the Study of the Lumbar Spine - Eurospine week, Amsterdam 2012.)

Comparing Re-operation rates and return to work status in compensation patients following Lumbar fusion. A systematic review of the Literature. (Presented at the Australian Spine Society meeting Sydney, 2012.)

Comparing outcomes for lumbar fusion between degenerative disease and that exacerbated by injury. A prospective cohort in New Zealand. (Presented at the New Zealand Spine Society meeting, Queenstown.)

Prospective long term follow up of functional outcomes in Lumbar fusions comparing local bone graft to iliac crest. (Prize winner for best presentation International Society for the Study of the Lumbar Spine - Eurospine week, Amsterdam 2012.)

OTHER RESEARCH

<u>Fady Sedra, Roozbeh Shafafy,</u> Ahmed Sadek, <u>Syed Aftab,</u> <u>Alexander Montgomery,</u> <u>R Nadarajah.</u> Perioperative Optimization of Patients With Neuromuscular Disorders Undergoing Scoliosis Corrective Surgery: A Multidisciplinary Team Approach. Global Spine Journal Feb 13 2020.

Ali A, Musbahi O, White A, Montgomery AS. Spinal Tuberculosis: A Review. JBJS Reviews 2019(PMID 30694877).

Musbahi O, Khan AHA, Anwar MO, Chaudery H, Ali AM, Montgomery AS. Immobilisation in occipital condyle fractures: A systematic review. *Clin Neurol Neurosurg.* 2018 Aug 9;173:130-139. doi: 10.1016/j.clineuro.2018.08.013.

Anh Nguyen, Sonia Tran, Thamer Hamdan, Robin Turner, Ahmed Sadek, Darren Lui, Alexander Montgomery. Does Anticoagulant prophylaxis increase bleeding complications in Spinal Surgery and Spinal Cord Injury. A systematic review and meta analysis. Basrah Journal of Surgery Article 3, Vol 26, Issue 1, Spring 2020.

<u>Daud Tai Shan Chou</u> ¹, <u>Ibraheim El-Daly, Arun Ranganathan, Alexander Montgomery, Paul Culpan, Peter Bates</u>. Spinopelvic Dissociation: A Retrospective Case Study and Review of Treatment Controversies. J Am Acad Orthop Surg 2018 Jul 15;26(14):e302-e312.

Rajesh Mangatill, Alexander Montgomery. Is there a role for oral antibiotics in the prevention of infection in patients with draining wounds following spinal surgery? 2018 Proceedings of the Second International Consensus meeting (ICM) on Musculoskeletal Infection.

Rajesh Mangatill, Alexander Montgomery. What are the risk factors predisposing a patient to surgical site infections (SSI) after spinal surgery. 2018 Proceedings of the Second International Consensus meeting (ICM) on Musculoskeletal Infection.



Panteliadis P, Musbahi O, Muthian S, Goyal S, Montgomery A, Ranganathan A A Comparison of Three Different Fixation Methods in Thoracolumbar Fractures *Int J Spine Surg. 2017 Dec 5;11:32. doi:* 10.14444/4032. eCollection 2017.

Kamil Naidoo MB, Bch, BAO, Sulaiman Alazzawi MBChB, and <u>Alexander Montgomery</u>, MBChB.The Use of Contrast in Caudal Epidural Injections under Image Intensifier Guidance: Is It Necessary? Clin Orthop Surg 2017 Jun; 9(2): 190–192.

Ibraheim El Daly, Syed Aftab, Peter Bates, Arun Ranganathan, Alexander Montgomery. Spinopelvic disassociation. Have we finally got it right? The Spine Journal. Vol 16. Issue 4. April 2016.

Anil Haldar*, Alexander Charalambous, Neil Segaren, Kalpesh Vaghela, Alexander Montgomery, Joshua Lee, Kashif Akhtar. Virtual reality simulation in trauma and orthopaedics; not just limited to traditional procedures alone. Journal of Spinee 2016.01.107.

Syed Aftab, C Smith, O, Akpenye, A Ranganathan, A Montgomery. Vitamin D and the association with higher rates of surgical intervention. The Spine Journal, Vol 16, Issue 4. April 2016.

Arun Ranganathan, Senthil. Alexander Montgomery. Closed internal decapitation: a rare injury. Can anyone survive? The Spine Journal, Vol 16, Issue 4. April 2016.

Syed Aftab, C Smith, O, Akpenye, A Ranganathan, A Montgomery. <u>Magnetic resonance imaging (MRI) in spinal trauma—economic effects of evidence-based practice re-evaluation</u>. The Spine Journal, Vol 16, Issue 4. April 2016.

Manson JF, Landham PR, Cunningham JE, Montgomery AS, Don AS, Robertson PA. <u>Universal no-fault compensation is associated with improved return to work rates in spine fusion.</u> Spine. 2015;40(20):1620-1631.

Montgomery, Cunningham, Robertson. The Influence of No Fault Compensation on Functional Outcomes After Lumbar Spine Fusion. Spine April 2015, 40 (14).

Displacement of the Common Peroneal Nerve following Knee ligament Reconstruction, Montgomery, Birch, Malone; JBJS (Br) 87-b,871 2005.

Sciatic Neurostenalgia; Caused by Total Hip Arthroplasty, cured by late neurolysis. Montgomery, Birch, Malone; JBJS Jan 2005.

PRESENTATIONS

Does anticoagulant thromboprophylaxis increase bleeding complications in spinal surgery and spinal cord injury? A systematic review and meta-analysis. *Anh Nguyen, MD, MSc, Sonia Tran, MBBS, MS, Robin Turner, PhD, Ahmed Sadek, PhD, Alexander S. Montgomery, FRCS.* North American Spine Society 35th Annual Meeting October 2020.

Preliminary analysis of fluoroscopically inserted pedicle screws in thoracolumbar fractures vs robotic assisted pedicle screws in 3D printed fracture models A Sadek, Shafafy R., Carr A., Alamri A, Bull J., Pushpananthan S, Rajesh M., Sedra F., Aftab S., Ranganathan A., Montgomery A.S. BASS 2019.

Aftab S, Musbahi O, Muthian S, Zehra S, Ranganathan A, Bull J, Pushpanathan S, Montgomery A Occipital condyle fractures-the need for immobilisation? Britspine 2016, British Association of Spinal Surgeons, Nottingham, UK.

MRI in Spinal Trauma-the economic effects of evidence based practice re-evaluation. Aftab S, Musbahl O, Akpenyi O, Faik M, Ranganathan A, Montgomery A. Britspine 2016, British Association of Spinal Surgeons, Nottingham, UK.



A new treatment regime for Potts Disease with Paraspinal abscesses and sinuses. Vaghela, Vris, White, Montgomery, Ranganathan. BASS 2016.

Epidemiological study of 1758 spinal fractures admitted to a Major Trauma Centre over 42 months(ORAL) Musbahi O, Chaudery H, Aftab S, Ranganathan A, Montgomery A. British Orthopaedic Association Congress 2016, BOA, Belfast UK.

Compensation and Adverse outcomes in Lumbar Spinal Fusion (Spine Nov 2015).

Factors governing outcomes in Lumbar fusions and the effects of compensation .(BASS March 2013).

Long term functional outcomes of Lumbar comparing Iliac crest bone graft with local bone (April 2013).

Prospective long term follow up of functional outcomes in Lumbar fusions comparing local bone graft to iliac crest. Prize winner for best presentation International Society for the Study of the Lumbar Spine - Eurospine week, Amsterdam 2012.

Compensation hinders recovery in lumbar spine fusions - Or does it? Comparing functional outcomes of compensation patients in Lumbar fusions to a No fault, Universal compensation system. Presented at the International Society for the Study of the Lumbar Spine - Eurospine week, Amsterdam 2012.

Comparing Re-operation rates and return to work status in compensation patients following Lumbar fusion to those under a No fault, Universal compensation system. A systematic review of the Literature. Presented at the Australian Spine Society meeting Sydney, 2012.

Comparing outcomes for lumbar fusion between degenerative disease and that exacerbated by injury. A prospective cohort in New Zealand. Presented at the New Zealand Spine Society meeting, Queenstown.

Review of 125 cases of Pelvic Fixation in Posterior Spinal Fusion at Great Ormond Street Hospital, London. A Retrospective Review. Presented at Growing Spine, Istanbul 2010.

Idiopathic Scoliosis Surgery – A study into patient perceptions and satisfaction pre and post-surgery. Presented at British Scoliosis Society, Birmingham, November 2010.

Neuromuscular scoliosis – pelvic fixation and complications. Presented at Toronto Spine Meeting 2010.

Prospective study of 120 Arthroscopic Rotator Cuff repairs. Venkat, Montgomery, Levy, Copeland. Presented at BESS, July 2006 (JBJS suppl).