

nb: Most recent publications are shown first:

163: Pristine gelatin incorporation as a strategy to enhance the biofunctionality of poly(vinyl alcohol)-based hydrogels for tissue engineering applications. *Biomaterials Science* (epub ahead of print).

162: Baroncini A, Frechon P, Bourghli A, Smith JS, Larrieu D, Pellise F, Pizones J, Kleinstueck F, Alanay A, Kieser DC, Cawley DT, Boissiere L, Obeid I on behalf of the European Spine Study Group. Adherence to the Obeid coronal malalignment classification and a residual malalignment below 20mm can improve surgical outcomes in adult spine deformity surgery. *ESJ*. 2023; <https://doi.org/10.1007/s00586-023-07831-0>.

161: Obeid I, Boissiere L, Frechon P, Bourghli A, Pellise F, Larrieu D, Cawley D, Kieser D, European Spine Study Group, Pizones J. Adherence to the PObeid-coronal malalignment (O-CM) classification algorithm improves surgical outcomes and decreases mechanical complications at 2-years. *Brain and Spine*. 2022; 2(1): 101094.

160: Vidakovic H, Kieser DC, Hooper G, Frampton C, Wyatt MC. Valgus-impacted subcapital neck of femur fractures: a systematic review meta-analysis with cost analysis of fixation in-situ versus nonoperative management. *Hip International* (Accepted 2/4/2023).

159: The POSTVenTT Study Collaborative. The management of peri-operative anaemia in patients undergoing major abdominal surgery in Australia and New Zealand: A prospective cohort study. *The Medical Journal of Australia*. DOI: 10.5694/mja2.51725.

158: COVIDSurg Collaborative. Elective surgery system strengthening: development, measurement, and validation of the surgical preparedness index across 1632 hospitals in 119 countries NIHR Global Health Unit on Global Surgery. *The Lancet*. 2022.

157: Obeid I, Louis Boissière L, Frank Kleinstück F, Paul Frechon P, Anouar Bourghli A, Ferran Pellisé F, Ahmet Alanay A, Daniel Larrieu D, David Kieser D, Derek Cawley D, Javier Pizones J. Surgical correction of coronal malalignment (CM) improves clinical outcomes in a large cohort of adult spinal deformity (ASD) patients. *Brain and Spine* 2022; 2(S1):101011.

156: The POSTVenTT Study Collaborative. The management of peri-operative anaemia in patients undergoing major abdominal surgery in Australia and New Zealand: a prospective cohort study. *The Medical Journal of Australia*. 2022. <https://doi.org/10.5694/mja2.51725>.

155: Boishardy A, Bouyer B, Boissiere L, Larrieu D, Pereira SN, Kieser DC, Pellise F, Alanay A, Kleinstuck F, Pizones J, Obeid I on behalf of the European Spine Study Group (ESSG). Surgical Site Infection a major risk factor of pseudarthrosis in adult spinal deformity surgery. *The Spine Journal* (epub ahead of print).

154: Fitzgerald C, Kieser DC. A rare complication of correction surgery for adolescent idiopathic scoliosis requiring rib head resection: a case report. *Journal of Orthopaedic Reports* (Epub ahead of print).

153: Koutp A, Petritsch J, Skias C, Grechenig P, Andrianakis A, Kieser DC, Feigl GC. Anatomical topographical investigation of the medial branch of the dorsal thoracic branch of the spinal nerve in the segments T10-T12. *Pain Medicine* 2022; 0:1-6.

152: Kieser DC, Wyatt MC, Boissiere L, Hayashi K, Cawley DT, Yilgor C, Larrieu D, Alanay A, Acaroglu E, Kleinstueck F, Pellise F, Perez-Grueso FJS, Bourghli A, Vital JM, Gille O, Obeid I, on

behalf of the European Spine Study Group. An age and sex matched study on the effect of obesity on the functional outcomes and complication rates in patients with adult spinal deformity undergoing primary multi-level thoracolumbar spinal fusion. *Annals of Joint* (Epub ahead of print).

151: Trowbridge S, Sagmeister ML, Lewis TL, Vidakovic H, Hammer N, Kieser DC. The intramuscular course and distribution of the anterior interosseous nerve within pronator quadratus: an anatomical study. *Journal of Clinical Orthopaedics and Trauma* (Epub ahead of print).

150: Siwetz M, Kieser DC, Ondruschka B, Pretterklieber B, Hammer N. Subscapularis split approaches to the shoulder joint: Determining a nerve-free zone. *CORR* (Epub ahead of print).

149: Laycock C, Fitz-Gerald C, Kieser DC. A Systematic Review of Large Animal and Human Studies of Stem Cell Therapeutics for Acute Adult Traumatic Spinal Cord Injury. *Journal of Orthopaedics, Trauma and Rehabilitation*. (Epub ahead of print).

148: Fitz-Gerald C, Kieser DC. Dislocation of the polyethylene insert following fixed-bearing total knee arthroplasty: A case report. *International Journal of Case Reports in Orthopaedics*. 2021; 3(2):121-124.

147: Obeid I, Bourghli A, Larrieu D, Pizones J, Kleinstuck F, Pellisé F, Alanay A, Loibl M, Kieser DC, Boissière L, ESSG European Spine Study Group. Fixed coronal malalignment (CM) impacts independently disability in adult spinal deformity (ASD) patients when considering the obeid-cm (O-CM) classification. *Brain and Spine*. 2021; 1(1): 100033.

146: Kieser DC, Yuksel S, Boissiere L, Yilgor C, Cawley DT, Hayashi K, Alanay A, Kleinstueck FS, Pellise F, Perez-Grueso FJS, Vital Jean-Marc, Bourghli A, Acaroglu ER, Obeid I on behalf of the European Spine Study Group. Impact of Radiologic Variables on Item Responses of ODI, SRS22 and SF-36. in *Adult Spinal Deformity Patients: Differential Item Functioning (DIF) Analysis Results from a Multi-Center Database*. *ESJ* (Epub ahead of print).

145: Fitzgerald C, Kieser DC. 90° spinning of polyethylene inserts in mobile bearing unicompartmental knee arthroplasty. *Case Rep Orthop*. 2021; 30(2):121-124.

144: Kieser DC, Soltani S, Hammer N, Koutp, Hughes E, Reynolds JJ. Sacral insufficiency fractures are a risk of massive bleeding during sacrectomy: patient series. *JNS: Case Lessons*. 2021; 22(2). CASE21493.

143: Bourghli A, Boissière L, Kieser D, Larrieu D, Pizones J, Alanay A, Pellisé F, Kleinstück F, Obeid I. Multiple-Rod Constructs Do Not Reduce Pseudarthrosis and Rod Fracture After Pedicle Subtraction Osteotomy for Adult Spinal Deformity Correction but Improve Quality of Life. *Neurospine*. Epub ahead of print.

142: Pullen A, Kieser DC, Hooper G. Military thoracic gunshot wounds: A systematic review. *Journal of Military Studies*. 10.2478/jms-2021-0009.

141: David C Kieser, Scheherezade Soltani, Niels Hammer, Amir Koutp, Eleanor Hughes, Jeremy J Reynolds. Sacral insufficiency fractures are a risk of massive bleeding during sacrectomy. *JNS case lessons* (epub ahead of print).

140: Taylor SC, Kranioti EF, Lee M, Kieser DC, Hammer N, Hooper GJ. Ballistic Trauma Caused by Military Rifles: Experimental Study Based on Synthetic Skull Proxies. *Forensic Science, Medicine and Pathology* (Epub ahead of print).

139: Pullen AE, Kieser DC, Hooper G, Plummer TCH. A study into the viability of Synbone as a proxy for *Sus Scrofa* (domesticus) ribs for use with 7.62x51mm Full Metal Jacket ammunition in ballistic testing. *Forensic Science, Medicine and Pathology*. 2021; <https://doi.org/10.1007/>

s12024-021-00426-5

138: COVIDSurg Collaborative. SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. *Anaesthesia*. 2022; 77(1):28-39.

137: COVIDSurg Collaborative. Preoperative nasopharyngeal swab testing and postoperative pulmonary complications in patients undergoing elective surgery during the SARS-CoV-2 pandemic. *BJs* 2021; 108(1): 88–96.

136: COVIDSurg Collaborative. Delaying surgery for patients with a previous SARS-CoV-2 infection. *BJs* 2020; 107(12):e601-2.

135: COVIDSurg Collaborative. Mortality and pulmonary complications in patients undergoing surgery with perioperative SARS-CoV-2 infection. *The Lancet*. 2020; 396(10243):27-38.

134: COVIDSurg Collaborative. Elective surgery cancellations due to the COVID-19 pandemic: Global predictive modelling to inform surgical recovery plans. *BJs* 2020; 107(11):1440-9.

133: COVIDSurg Collaborative. Global guidance for surgical care during the COVID-19 pandemic. *BJs* 2020; 107:1097-103.

132: Loan AJ, Kieser DC. Intraosseous radiofrequency ablation of the basivertebral nerve in chronic low back pain: a meta-analysis. *Open Journal of Radiology*. 2021; 11(3) (DOI: 10.4236/ojrad.2021.113008)

131: Wyatt MC, Frampton CF, Whitehouse MR, Deere KC, Sayers A, Kieser DC. Benchmarking total knee replacement constructs using noninferiority analysis: the New Zealand Joint Registry study. *BMC Musculoskeletal Disorders* (Epub ahead of print).

130: Wyatt MC, Frampton C, Whitehouse M, Deere K, Sayers A, Kieser DC. Benchmarking total hip replacement constructs using noninferiority analysis: the New Zealand Joint Registry study. *BMC Musculoskeletal Disorders* (Epub ahead of print).

129: Kieser DC, Boissiere L, Bourghli A, Hayashi K, Cawley DT, Yilgor C, Alanay A, Acaroglu E, Kleinstueck F, Pizones J, Pellisé F, Perez-Grueso FJS, Obeid I on behalf of the European Spine Study Group. Obeid-Coronal Malalignment (O-CM) Classification is Age Related and Independently Associated to Personal Reported Outcome Measurement scores (PROMs) in the Non-fused Spine. *Neurospine* 2021;18(3):475-480. doi:10.14245/ns.2142458.229.

128: Vanamala R, Hammer N, Kieser DC. Anatomical Landmarks for Intraoperative Adductor Canal Block in Total Knee Arthroplasty – A Cadaveric Feasibility Assessment. *Arthroplasty Today*. 2021; 10:82-86.

127: Kieser DC, Bourghli A, Larrieu D, Cawley DT, Hayashi K, Jakinapally S, Pizones J, Boissiere L, Obeid I. Impact of COVID-19 on the pain and disability of patients with Adult Spinal Deformity. *Spine Deformity*. 2021; 9(4):1073-1076.

126: Longoni A, Li J, Lindberg GCJ, Rnjak-Kovacina J, Wise LM, Hooper GJ, Woodfield TBF, Kieser DC, Lim KS. Strategies for inclusion of growth factors into 3D printed bone grafts. *Essays in Biochemistry*. 2021; EBC20200130.

125: Foxall-Smith M, Wyatt M, Kieser DC, Frampton C, Hooper G. The 45 year evolution of the Robert Mathys monoblock cup – Has the paradigm shift been worthwhile. *Hip International* (Accepted 24/05/2021).

124: Pullen A, Kieser DC, Hooper G. Validation of Roebuck 1518 Synthetic Chamois as a Skin

Simulant when backed by 10% Gelatin. *IJLM*. 2021; 135(3): 909-912.

123: Kieser DC, Parker J, Reynolds J. En bloc resection of isolated spinal metastasis: A systematic review update. *Clinical Spine Surgery* 2021; 34(3): 103-106.

122: Zwirner J, Koupt A, Vidakovic H, Ondruschka B, Kieser DC, Hammer N. Assessment of plantaris and peroneus tertius tendons as graft materials for ankle ligament reconstructions – a cadaveric biomechanical study. *Journal of the Mechanical Behaviour of Biomedical Materials*. 2021; 115: 104244.

121: CovidSurg collaborative. Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2. The CovidSurg Mortality Score. *British Journal of Surgery* (Epub ahead of print).

120: Melian C, Frampton C, Wyatt M, Kieser DC. Teleconsultation in the management of elective orthopaedic and spinal conditions during the COVID-19 pandemic: A prospective cohort study of patient experiences. *JMIR Formative Research*. 2021; 15(5):e28140.

119: CovidSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia*. 2021; 76(6):748-758.

118: Cawley DT, Takemoto M, Boissiere L, Larrieu D, Kieser DC, Fujishiro T, Hayashi K, Bourghli A, Yilgor C, Alanay A, Perez Grueso FJ, Pelisse F, Kleinstück F, Vital JM, Obeid I; European Spine Study Group, ESSG. The Impact of Corrective Surgery on Health-Related Quality of Life Subclasses in Adult Scoliosis: Will Degree of Correction Prognosticate Degree of Improvement? *Eur Spine J*. 2021 Apr 26. doi: 10.1007/s00586-021-06786-4. (Epub ahead of print).

117: Cawley DT, Boissiere L, Yilgor C, Larrieu D, Fujishiro T, Kieser D, Alanay A, Kleinstück F, Pérez-Grueso FS, Pellisé F, Obeid I; European Spine Study Group (ESSG). Relative pelvic version displays persistent compensatory measures with normalised sagittal vertical axis after deformity correction. *Spine Deform*. doi: 10.1007/s43390-021-00345-z. (Epub ahead of print).

116: Marques MF, Fiere V, Obeid I, C YP, El-Youssef K, Lahoud GA, Faddoul J, Ferrero E, Riouallon G, Silvestre C, Le Huec JC, Kieser DC, Boissiere L on behalf of Société Française de Chirurgie Rachidienne, SFCR. Pseudarthrosis in Adult Spine Deformity Surgery – Risk Factors and Treatment Options. *European spine journal*. (Epub ahead of print).

115: Atienza-Roca P, Kieser DC, Cui S, Bathish B, Ramaswamy Y, Hooper G, Clarkson A, Rnjak-Kovacina J, Martens P, Wise L, Woodfield TBF, Lim KS. Visible Light Mediated PVA-Tyramine Hydrogels for Covalent Incorporation and Controlled Release of Functional Growth Factors. *Biomaterials Science*. 2020; 8: 5005-5019.

114: Fitzgerald C, Hammer N, Kieser DC. Unilateral spinal motion segment rotational deformity causing foraminal stenosis. *Hong Kong Journal of Orthopaedic Research*. 2020; 3(3):8231.3302.

113: CovidSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort trial. *BJS* 2021: 1-8.

112: Roscop C, Gariel F, Kieser DC, Bouyer B, Gille O, Marnat G, Berge J. Doughnut vertebroplasty for circumferential aggressive vertebral hemangiomas. *Journal of Neurointerventional Surgery*. (Epub ahead of print).

111: Stringer M, Hooper G, Frampton C, Kieser DC, Deng Y. Periprosthetic fractures of the femur in primary total hip arthroplasty: A New Zealand joint registry analysis. *ANZJS*. 2021; 91(3):404-408.

110: COVIDSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international

prospective cohort study. *Anaesthesia*. epub ahead of print.

109: Kieser DC, Bourghli A, Larrieu D, Cawley DT, Hayashi K, Jakinapally S, Pizones J, Boissiere L, Obeid I. Impact of COVID-19 on the pain and disability of patients with Adult Spinal Deformity. *Spine Deformity* (epub ahead of print).

108: Roscop C, Gariel F, Kieser DC, Bouyer B, Gille O, Marnat G, Berge J. Doughnut vertebroplasty for circumferential aggressive vertebral hemangiomas. *Journal of Neurointerventional Surgery*. Epub ahead of print.

107: Siwetz M, Hammer N, Ondruschka B, Kieser DC. Variations in subscapularis muscle innervation – A report on case series and literature review. *Variational Anatomy and Developmental anomalies in Clinical Practice*. 2020; 56(532):1-7.

106: Pullen A, Kieser DC, Hooper G. A study into the viability of Synbone® as a proxy for *Sus scrofa* (domesticus) ribs for use with 5.56mm open tip match ammunition in ballistic testing. *IJLM* (Epub ahead of print).

105: Melian C, Kieser DC, Frampton C, Wyatt MC. Teleconsulting in orthopaedic surgery: A systematic review and meta-analysis of patient and physician experiences. *Journal of Telemedicine and Telecare*. (Epub ahead of print).

104: Taylor, S. C., Hammer, N., Zwirner, J., Ondruschka, B., & Kieser, D. C. (2020). Morphometric and density comparisons of *Bos taurus* scapulae as a proxy to human frontal crania. *Egyptian Journal of Forensic Sciences*, 10, 17. doi: 10.1186/s41935-020-00191-6.

103: Hayashi K, Boissière L, Cawley DT, Larrieu D, Kieser D, Berjano P, Lamartina C, Gupta M, Silvestre C, Protopsaltis T, Bourghli A, Pellisé F, Annis P, Papadopoulos EC, Kreichati G, Pizones J, Nakamura H, Ames CP, Obeid I. A new classification for coronal malalignment in adult spinal deformity: a validation and the role of lateral bending radiographs. *ESJ 2020* (Epub ahead of print).

102: Wright DN, Kieser DC, Cunningham G, Liantis P, Hunt R, Ember TM, Kumar MM, Pereira EAC, Lucas JD. Halo femoral traction for one week between staged anterior and posterior fusion surgeries for severe adolescent scoliosis is effective and safe. *World Neurosurgery*. (Accepted 15/6/2020).

101: Taylor SC, Kieser DC, Hammer N, Pullen AE, Hooper GJ. Microscopic and Macroscopic Comparisons of .223 Soft Point and Full Metal Jacket Ammunition with *Bos taurus* Scapulae as a Proxy to Human Flat Bones. *BMJ Military Health*. (Accepted 13/05/2020).

100: Wyatt MC, Kieser DC, Frampton CMA, Woodfield T, Hooper GJ. How do 3D-printed primary uncemented acetabular components compare with established uncemented acetabular cups? The experience of the New Zealand National Joint Registry. *Hip International*. 2020. doi: 10.1177/1120700020918233.

99: Taylor SC, Kieser DC, Hammer N, Ondruschka B, Kranioti E, Pullen AE, Hooper GJ. The viability of *Bos Taurus* scapulae as a flat bone proxy for ballistic testing. *BMJ Military Health* (Accepted 15/4/2020).

98: Wyatt MC, Kunutsor SK, Beswick AD, Whitehouse MR, Kieser DC. Outcomes following primary total hip replacement with pre-existing spinal fusion surgery: A systematic review and meta-analysis of observational evidence. *BJJ* (Accepted 26/3/2020).

97: Pullen AE, Kieser DC. Ballistic gelatin calibration standardisation. *BMJ Mil Health* 2020; 10.1136/bmjmilitary-2020-001430.

- 96: Damade C, Masse R, Ghailane S, Petit M, Castelain JE, Gille O, Mazas S Bouyer B, Kieser DC. Anterior cervical idiopathic hyperostosis and dysphagia: The impact of surgical management: Study of a series of eleven cases. *World Neurosurgery* 2020; 138:305-310.
- 95: Cunningham G, Wright D, Kieser DC, Nnadi C. Patient outcome questionnaires in the British Spine Registry: Why are response rates low and which patient groups are responding. *JSNS*. 2020; 9:1.
- 94: Kieser DC, Silman A, Rothenfluh DA. The growing demand for adult spinal deformity surgery in England: A national health data review. *JSNS*. 2019; 8:5.
- 93: Haleem S, Edwin J, Bashir MA, Soltani S, Nadarajah R, Kieser DC. Infection in neuromuscular scoliosis deformity correction. *IWJ*. 2020; 3:729-734.
- 92: Chin J, Blackett J, Kieser DC, Frampton C, Hooper G. The value of routine intravenous tranexamic acid in total hip arthroplasty: A preliminary study. *Advances in Orthopaedics*. 2020: 2943827.
- 91: Wyatt MC, Poutawera V, Kieser DC, Frampton CMA, Hooper GJ. How do cemented short Exeter stems perform compared to standard length Exeter stems? The experience of the New Zealand National Joint Registry. *Arthroplasty Today* 2020; 6(1):104-111.
- 90: Kieser DC, Savage E, Sharplin P. A positive quadriceps active test, without the quadriceps being active. *Case Rep Ortho*. 2019: 6135632.
- 89: Hamlin M, Kieser DC, Takamori S. Senior club-level rugby union player's positional movement performance using individualized velocity thresholds and accelerometer-derived impacts in matches. *JSCR* 2020; 10.1519/jsc.0000000000003523.
- 88: Kieser DC, Mazas S, Boissiere L, Obeid I, Vital JM, Pointillart V, Gille O. Adjacent segment disease in cervical disc arthroplasty. *Spine Neurosurg*. 2019; 8:3.
- 87: Kieser DC, Wyatt MC, Boissiere L, Hayashi K, Cawley DT, Yilgor C, Larrieu D, Fujishiro T, Alanay A, Acaroglu E, Kleinstueck F, Pellisé F, Perez-Grueso FJS, Bourghli A, Vital JM, Gille O, Obeid I on behalf of the European Spine Study Group. The effect of increasing body mass index on the pain and function of patients with adult spinal deformity. *Journal of Spine Surgery* 2019; 5:4.
- 86: Parker J, Soltani S, Boissiere L, Obeid I, Gille O, Kieser DC. Spinal aneurysmal bone cysts (ABCs): Optimal management. *Orthopaedic Research and Reviews*. 2019; 11:159-166.
- 85: Cawley DT, Barrett P, Moran B, McGoldrick NP, Gillham C, Codd M, O'Toole GC, Kieser DC. Primary appendicular soft tissue sarcoma resection: What tumor parameters affect wound closure planning? *International Wound Journal* 2019; 16(6):1553-1558.
- 84: Dehn G, Kieser DC, Maxwell R, Hooper G, Frampton C, Coates M. Does the size of the femoral condyle contribute to the development of osteoarthritis of the knee? A retrospective randomised MRI study. *J Arthritis* 2019; 8(4):284.
- 83: Vanamala R, Hammer N, Soltania S, Lim K, Wyatt MC, Kieser DC. Anatomical variations of the saphenous nerve in the adductor canal. *J Anesth Clin Sci*. 2019; 8:2.
- 82: Trowbridge S, Vidakovic H, Fullarton M, Kieser DC. Does the sequence of skin preparation affect surgical site sterility during shoulder surgery? *JBJS*. 2019; 101(17):e86(1-2).
- 81: Bourghli A, Boissiere L, Larrieu D, Kaiser F, Cawley D, Fujishiro T, Kieser DC, Gille O, Vital JM, Alanay A, Pellise F, Acaroglu E, Pere-Grueso F, Kleinstuck F, Obeid I on behalf of the European

- Spine Study Group. Opioids and analgesics use after adult spinal deformity surgery correlates with sagittal alignment and preoperative analgesic pattern. *ESJ* 2020; 29(1):73-84.
- 80: Deng Y, Kieser DC, Wyatt MC, Stringer M, Frampton C, Hooper G. Risk factors for periprosthetic femoral fractures around total hip arthroplasty – a systematic review and meta-analysis. *ANZJS*. 2020; 90(4):441-447.
- 79: Wyatt MC, Whitehouse MR, Kieser DC, Frampton CMA, Hooper G. Are lipped polyethylene liners associated with increased revision rates in uncemented acetabular components? An observational registry study. *CORR* 2020; 478(3):581-589.
- 78: Genel F, Kieser DC. Isolated pectoralis minor rupture – Case report and systematic review. *IJMRCR*. 2019; 3(12):842-847.
- 77: Gaignard E, Bergeat D, Kieser DC, Robin F, Meunier B. Fatal epidural abscess with meningitis: a rare complication of colorectal surgery. *Acta Chirurgica Belgica*. 2019 DOI 10.1080/00015458.2019.1642596.
- 76: Ondruschka B, Schwarz M, Hammer N, Zwirner J, Kieser DC, Morrow P, Kesha K, Glenn C, Stables S, Tse R. Forensic pathology routine at the antipode – insights into New Zealand’s legal medicine. *Archiv fur Kriminologie*. 2019; 243:168-182.
- 75: Dehn G, Hammer N, Wyatt MC, Soltani SJ, Kieser DC. The relative position of the supra-acetabular bone to the crestal plane -A radiological analysis-. *JRAMC* (accepted 7/6/2019).
- 74: Stewart RG, Kieser DC, Hammer N. Response to Re: External fixation of unstable pelvic fractures: a systematic review and meta-analysis. *ANZ Journal of Surgery*. 2019; 89(6):787-787.
- 73: Nugent M, May J, Parker J, Kieser DC, Douglas M, Lim K, Hooper GJ. Does tranexamic acid reduce knee swelling and improve early function following arthroscopic meniscectomy? A double blinded randomised controlled trial. *The Orthopaedic Journal of Sports Medicine* 2019; 7(8): 2325967119866122.
- 72: Kieser DC, Thakar C, Cunningham G, Vidakovic H, Hammer N, Nnadi C. The value of a modified Wiltse approach for deformity correction in neuromuscular scoliosis. *IJSS*. 2020; 14(2):170-174.
- 71: Soltani S, Nogaro MC, Kieser SCJ, Wyatt MC, Kieser DC. Spontaneous spinal epidural haematomas in pregnancy - a systematic review. *World Neurosurgery*. 2019;128:254-258.
- 70: Stewart R, Kieser DC, Hammer N. Response to the letter to the editor for "External fixation of unstable pelvic fractures - A systematic review and meta-analysis" *ANZ Journal of Surgery* 2019;89(6):787.
- 69: Kieser DC, Boissiere L, Yilgor C, Larrieu D, Fujishiro T, Alanay A, Acaroglu E, Kleinstueck F, Pellise F, Perez-Grueso FJS, Bourghli A, Cawley D, Vital JM, Gille O, Obeid I. A single sagittal parameter for decision making in adult spinal deformity. *JSNS*. 2019; 8:3.
- 68: Klima S, Cornwall J, Kieser DC, Hammer N. The utility and benefit of a newly established postgraduate training course in surgical exposures for orthopaedic and trauma surgery. *Archives of Orthopaedic and Trauma Surgery*. 2019; 139(12):1673-1680.
- 67: Kieser DC, Wyatt MC, Soltani S, Becker D, Lopez-Marambio FA, Hammer N. Minimally invasive distal biceps repair - A case report and description of the surgical technique. *International Journal of Orthopaedics*. 2019; 6(4):1161-1164.

- 66: Soltani S, Nogaro MC, Rougelot C, Newell N, Lim K, Kieser DC. Spontaneous spinal epidural haematomas in children. *European Spine Journal*. 2019;28(10):2229-2236.
- 65: Cawley DT, Alzakri A, Fujishiro T, Kieser DC, Tavalaro C, Boissière L, Obeid I, Vital JM, Pointillart V, Gille O. Carbon-fibre cage reconstruction in anterior cervical corpectomy for multilevel cervical spondylosis: mid-term outcomes. *JSS* 2019;5(2).
- 64: Dunbar L, Vidakovich H, Loffler S, Hammer N, Gille O, Boissiere L, Obeid I, Pointillart V, Vital JM, Kieser DC. Anterior cervical blood supply - a cadaveric study. *Surgical and Radiological Anatomy*. 2019; 41(6):607-611.
- 63: Kieser DC, Mazas S, Roscop C, Cawley D, Boissiere L, Obeid I, Pointillart V, Vital JM, Gille O. Anterior bone loss in an anterior cervical discectomy and fusion. *JSNS* 2019; 8(2).
- 62: Gaignard E, Tzanis D, Bouhadiba T, Kieser DC, Robin F, Bergeat D, Meunier B, Bonvalot S. Simultaneous combined anterior and posterior approach for en bloc resection of sciatic notch sarcomas. *BMC Surgery* 2019; 19(1):24.
- 61: Labus K, Sutherland C, Notaros B, Ilic M, Chaus G, Kieser DC, Puttlitz C. Direct electromagnetic coupling for non-invasive diagnostic monitoring and prediction of bone fracture healing. *JOR* 2019; 37(5):1164-1171.
- 60: Soltani S, Nogaro MC, Haleem S, Rupani N, Pyrovolou N, Kieser DC. Spontaneous spinal epidural haematomas in adults: A systematic review. *JSNS*. 2018; 7:4.
- 59: Rothenfluh DA, Germann M, Kieser DC. Surgical versus non-operative treatment of adult spinal deformity: A systematic review and meta-analysis. *European Spine Journal*. 2018; 27(S5):628-629.
- 58: Akins GJ, Alberdi MT, Beswick A, Blaha JD, Bingham J, Cashman J, Chen A, Cooper AM, Cotacio GL, Fraguas T, Gambhir A, Gromov K, Guerra E, Hooper G, Khlopas A, Kieser DC, Klaber I, Kyte R, Levine B, Mont MA, Nikolaou V, Nunez J, Overgaard S, Parvizi J, Saxena A, Sayago G, Shahcheraghi H, Sodhi N, Solomon LB, Starczak Y, Lan TL, Tarabichi M, Oliven RT, Virolainen P, Wyatt MC. General assembly, prevention, surgical site preparation: Proceedings of the international consensus on orthopedic infections. *J Arthroplasty*. 2018; 0(0): DOI 10.1016/j.arth.2018.09.057.
- 57: Stewart R, Hammer N, Kieser DC. External fixation of unstable pelvic fractures – A systematic review and meta-analysis. *ANZ Journal of Surgery*. 2019;89(9):1022-1027.
- 56: Becker D, Lopez-Marambio FA, Hammer N, Kieser D. How to Avoid Posterior Interosseous Nerve Injury During Single-Incision Distal Biceps Repair Drilling. *CORR*. 2019; 477(2):424-431.
- 55: Kieser D, Boissière L, Ghailane S, Larrieu D, Bourghli A, Yilgor C, Alanay A, Pelissé F, Sanchez Perez Grueso FJ, Kleinstück F, Acaroglu E, Yoshida G, Gille O, Vital JM, Obeid I. Adult spinal deformity (ASD) surgery: Understanding the true impact on specific activities of daily living. *Lebanese Medical Journal*. 2018; 66(4).
- 54: Kieser DC, Boissiere L, Cawley DT, Larrieu D, Yilgor C, Takemoto M, Yoshida G, Alanay A, Acaroglu E, Kleinstück F, Pellisé F, Perez-Grueso FJS, Vital JM, Obeid I, European Spine Study Group (ESSG). Validation of a simplified SRS-Schwab classification using a sagittal modifier. *Spine Deformity*. 2019; 7(3):467-471.
- 53: Rodrigues SA, Guey J, Plummer TCH, Pullen A, Shaw BJ, Kieser DC. The influence of rib impact on thoracic gunshot trauma. *Journal of the Royal Army Medical Corps*. 2018; 164:405-409.



- 52: Stewart R, Kieser DC, Scholze M, Hammer N, Stone B, Hooper G. Preliminary biomechanical results of a novel pin configuration for external fixation of vertical shear pelvic fractures. *ANZ Journal of Surgery*. 2018; 88(10):1051-1055.
- 51: Wyatt MC, Foxall-Smith M, Robertson A, Beswick A, Kieser DC, Whitehouse MR. The use of silver coating in hip megaprotheses: a systematic review. *Hip International*. 2019; 29(1):7-20.
- 50: Williams EMP, Taylor MC, Graham S, Jermy MC, Kieser DC. The dynamics of blood drop release from swinging objects in the creation of cast-off bloodstain patterns. *Journal of Forensic Sciences*. 2019; 64(2):413-421.
- 49: Kieser DC, Cawley DT, Fujishiro T, Tavolaro C, Mazas S, Boissiere L, Obeid I, Pointillart V, Vital JM. Anterior bone loss in cervical disc arthroplasty. *Asian Spine Journal* 2019;13(1):13-21.
- 48: Subramanian T, Ahmad A, Mardare M, Kieser DC, Mayers D, Nnadi C. The Oxford 6 year Observational Study of 31 patients with Magnetically Controlled Growing Rods (MGCR) with minimum 2-year follow up. *BJJ* 2018; 100(9):1187-1200.
- 47: Kieser DC, Wyatt MC, Beswick A, Kunutsor S, Hooper GJ. Does the type of surgical drape (disposable versus non-disposable) affect the risk of subsequent surgical site infection? *Journal of Orthopaedics* 2018; 15(2): 566–570.
- 46: Cawley DT, Larrieu D, Fujishiro T, Kieser D, Boissiere L, Acaroglu E, Alanay A, Kleinsteuck F, Pellise F, Perez-Grueso FS, Vital JM, Gille O. NRS20: Combined back and leg pain score: A simple and effective assessment of adult spinal deformity. *Spine*. 43(17):1184-1192.
- 45: Wyatt MC, Kieser DC, Kemp MA, McHugh G, Frampton CMA, Hooper GJ. Does the femoral offset affect survivorship in primary total hip replacements? *Hip International* 2019; 29(3):289-298.
- 44: Thakar C, Kieser DC, Mardare M, Haleem S, Fairbank J, Nnadi C. Systematic Review of the Complications Associated with Magnetically Controlled Growing Rods for the Treatment of Early Onset Scoliosis. *European Spine Journal*. 2018; 27(9):2062-2071.
- 43: Kieser DC, Cawley DT, Roscop C, Mazas S, Coudert P, Boissiere L, Obeid I, Vital JM, Pointillart V, Gille O. Spondylolisthesis adjacent to a cervical disc arthroplasty does not increase the risk of adjacent level degeneration. *European Spine Journal*. 2018; 27(6):1440-1446.
- 42: Mardare M, Kieser DC, Ahmad A, Subramanian T, Haleem S, Thakar C, Wilson-MacDonald J, Nnadi C. Targeted distraction: Spinal growth in children with early onset scoliosis treated with a tail-gating technique for magnetically controlled growing rods. *Spine*. 2018; 43(20)E1225-1231.
- 41: Kieser DC, Cox PJ, Kieser SCJ. Hirayama Disease. *European Spine Journal* 2018;27(6):1201-1206.
- 40: Storey R, Frampton C, Kieser DC, Ailabouni R, Hooper G. Does orthopaedic training compromise the outcome in knee joint arthroplasty? *Journal of Surgical Education* 2018;75(5):1292-1298.
- 39: Guey J, Rodrigues S, Pullen A, Shaw B, Kieser DC. The effect of aging on the calibration of ballistic gelatin. *The Journal of the Royal Army Medical Corps* 2018; 164(4):277-280.
- 38: Kieser DC, Cawley DT, Fujishiro T, Mazas S, Boissiere L, Obeid I, Pointillart V, Vital JM, Gille O. Risk factors for anterior bone loss in cervical disc arthroplasty. *The Journal of Neurosurgery: Spine* 2018;29(2):123-129.
- 37: Kieser DC, Mazas S, Cawley DT, Fujishiro T, Tavolaro C, Boissiere L, Obeid I, Pointillart V, Vital

- JM, Gille O. Bisphosphonate therapy for spinal aneurismal bone cysts. *European Spine Journal* 2018; 27(4):851-858.
- 36: Reynolds J, Rothenfluh D, Athanasou N, Wilson S, Kieser DC. Neoadjuvant Denosumab for the Treatment of a Sacral Osteoblastoma – Case Report. *European Spine Journal* 2018; 27(3):446-452.
- 35: Kieser DC, Ailabouni R, Kieser SCJ, Wyatt MC, Armour PC, Coates MH, Hooper G. The Use of an Ossis® Custom 3D-Printed Tri-Flanged Acetabular Implant for Major Bone Loss: Minimum 2-year Follow-up. *Hip International*. 2018; 28(6):668-674.
- 34: Parker J, Lim K, Kieser DC, Woodfield T, Hooper G. Is tranexamic acid toxic to articular cartilage when administered topically? What is the safe dose? *Bone and Joint Journal*. 2018; 100(3):404-412.
- 33: Cawley DT, Larrieu D, Fujishiro T, Kieser DC, Bourghli A, Boissiere L, Acaroglu E, Alanay A, Pellise F, Perez-Grueso FJ, Vital JM, Obeid I, European Spine Study Group. Back and leg score: An appropriate outcome measure for adult spinal deformity surgery. *The Spine Journal*. 2017; 17(10):S238.
- 32: Larrieu D, Cawley DT, Fujishiro T, Kieser DC, Boissiere L, Acaroglu E, Alanay A, Pellise F, Perez-Grueso FJ, Vital JM, Obeid I, European Spine Study Group. Impact of analgesics on pain and health-related quality of life improvement after adult spinal deformity surgery. *The Spine Journal*. 2017; 17(10):S238.
- 31: Kieser DC, Coudert P, Cawley DT, Gaignard E, Fujishiro T, Farah K, Boissiere L, Obeid I, Pointillart V, Vital JM, Gille O. Identifying the superior and inferior gluteal arteries during a sacrectomy via a posterior approach. *Journal of Spine Surgery*. 2017; 3(4):624-629.
- 30: Kempthorne J, Kieser DC, Walker CG. Optimal plate fixation in distal femoral fractures in the presence of a well fixed cemented hip arthroplasty femoral stem. *Hip International*. 2018; 28(6):657-662.
- 29: Trowbridge S, Vidakovic H, Hammer N, Kieser DC. A case on anomalous flexor carpi radialis brevis muscle and its clinical significance. *International Journal of Anatomical Variations*. 2017; 10(4):91-93.
- 28: King DA, Hume PA, Gissane C, Kieser DC. Impacts to the head from match participation in women's rugby league over one season of domestic competition. *Journal of Science and Medicine in Sport*. 2018; 21:139-146.
- 27: Storey RN, Schouten R, Singhal R, Inglis T, Kieser DC. Urgent closed reduction of the dislocated cervical spine in New Zealand. *ANZJS*. 2018; 88(1-2):56-61.
- 26: Kieser DC, Cawley DT, Fujishiro T, Roscop C, Boissiere L, Obeid I, Gille O, Vital JM, Pointillart V. Cerebral ischaemia following anterior upper thoracic spinal surgery utilizing a partial manubrial resection. *European Spine Journal*. 2019; 28(3):463-469.
- 25: Kieser DC, Cawley DT, Cloche T, Tavolaro C, Roscop C, Boissiere L, Obeid I, Gille O, Vital JM, Pointillart V. Delayed post-operative tension pneumocephalus and pneumorrhachis. Grand rounds. *European Spine Journal*. 2018; 27(1):238-243. (DOI 10.1007/s00586-017-5308-z).
- 24: Kieser DC, Leclair SCJ, Gaignard E. Asymmetric sacro-tuberous and sacro-spinous ligament. *International Journal of Anatomical Variations*. 2017; 10(4):71-73.
- 23: Vadei L, Kieser DC, Frampton C, Hooper G. Survivorship of Total Hip Joint Replacements

following isolated liner exchange for wear. *The Journal of Arthroplasty*. 2017; 32(11):3484-3487.

22: Pullen A, Rodrigues S, Shaw B, Kieser D. A preliminary study in the variables of thoracic ballistic trauma. In JD Walker and S Chocron (Eds.). *Proceedings of the 30th International Symposium on Ballistics*. Lancaster PA: DEStech Publications. 2017; 2:2411-2418.

21: Kieser DC. (2016) Clothing increases the risk of indirect ballistic fractures: A short commentary. *Trauma and Acute Care*. 1: 22.

20: Halasi T, Kieser DC, Frampton CMA, Hooper GJ. (2016) Midterm analysis of the seleXys cup with ceramic inlay. *Arthroplasty Today*. DOI 10.1016/j.artd.2016.10.003.

19: Kieser DC, Vidakovic H, McKie J. (2016) Common tendon of the musculature of the anterior compartment of the leg. *International Journal of Anatomical Variations* 9:10-12.

18: Kim W, O'Malley M, Kieser DC. (2015) Non-invasive management of an odontoid process fracture in a toddler - case report. *Global Spine* 5: 59-62.

17: Kieser DC, Harrington M, Brooks H, Mros S, Kieser SCJ, Kieser GA, Theis JC, Kieser JA. (2014) Tracing the origin of bacterial contamination in close and medium range gunshot wounds in a sheep model. *Balkan Military Medical Review* 17(4): 111-4.

16: Kieser DC, Poole TCA, Jennings M, Parker K, Kieser SCJ, Kieser JA, Theis JC. (2014) The validity of CMFDA and EthD-1 in the determination of osteocyte viability in the diaphysis of long bones in a sheep model. *Journal of Clinical and Experimental Pathology* 4: 201.

15: Kieser DC, Kanade S, Waddell NJ, Kieser JA, Theis JC, Swain MV. (2014) The deer femur - a morphological and biomechanical animal model of the human femur. *Bio-Medical Materials and Engineering* 24: 1693-703.

14: Kieser DC, Riddell R, Kieser JA, Theis JC, Swain MV. (2014) Bone micro-fracture observations from direct impact of slow velocity projectiles. *Journal of Archives in Military Medicine* 2(1): e15614.

13: Swain MV, Kieser DC, Shah S, Kieser JA. (2014) Projectile penetration into ballistic gelatin. *Journal of the Mechanical Behaviour of Biomedical Materials* 29: 385-92.

12: Kieser DC, Carr DJ, Leclair SCJ, Horsfall I, Theis JC, Swain MV, Kieser JA. (2013) Clothing increases the risk of indirect ballistic fractures. *Journal of Orthopaedic Surgery and Research* 8: 42.

11: Kieser DC, Carr DJ, Girvan L, Leclair SCJ, Horsfall I, Theis JC, Swain MV, Kieser JA. (2013) Remote ballistic fractures in a gelatine model - Aetiology and surgical implications. *Journal of Orthopaedic Surgery and Research* 8: 15.

10: Kieser DC, Carr DJ, Girvan L, Leclair SCJ, Horsfall I, Theis JC, Swain MV, Kieser JA. (2013) Identifying the source of bullet wipe - a randomised blind trial. *International Journal of Legal Medicine* 127: 951-5.

9: Kieser DC, Carr DJ, Leclair SCJ, Horsfall I, Theis JC, Swain MV, Kieser JA. (2013) Gunshot induced indirect femoral fracture: Mechanism of injury and fracture morphology. *Journal of the Royal Army Medical Corp* 159: 294-9.

8: Kieser JA, Tahere J, Agnew C, Kieser DC, Duncan W, Swain MV, Reeves MT. (2011) Morphoscopic analysis of experimentally produced bony wounds from low-velocity ballistic impact. *Forensic Science Medicine and Pathology* 7: 322-32.

7: Kieser DC, Van Rij A, Theis JC. (2011) A combined approach to the excision of sciatic notch dumbbell tumours. ANZ Journal of Surgery 81: 650.

6: Kieser DC, Roake, JA Hammond C, Lewis DR. (2011) Negative pressure wound therapy as an adjunct to compression for healing chronic venous ulcers. Journal of Wound Care 20(1): 35-7.

5: Kieser DC, Gwynne-Jones D. (2011) Displaced intercondylar eminence fractures. Journal of Orthopaedic Surgery 19(3): 292-6.

4: Kieser DC, Taylor F, Ball C. (2011) The allograft sleeve: A case series of the surgical management of an interprosthetic fracture between a shoulder and elbow joint replacement. Journal of Shoulder and Elbow Surgery 20: e4-9.

3: Kieser DC, Hammond C. (2010) Leading Wound Care Technology - The ARANZ Medical Silhouette. Advances in Skin and Wound Care Decision 24(2): 68-70.

2: Anderson GM, Kieser DC, Steyn FJ and Grattan GR (2008). Hypothalamic prolactin receptor messenger ribonucleic acid levels, prolactin signalling, and hyperprolactinemic inhibition of pulsatile luteinizing hormone secretion are dependent on estradiol. Endocrinology 149: 1562-70.

1: Kieser JA, Kieser DC and Haumann T. (2004) The course and distribution of the inferior alveolar nerve in edentulous mandibles. Journal of Craniofacial Surgery 15: 1-4.