

CURRICULUM VITAE

Mr Matija KRKOVIC, PhD

March 2020

PERSONAL DATA

Surname	Krkovic
Forenames	Matija
Gender	Male
Address	23 Lofthouse Way Longstanton Cambridge, CB24 3FD United Kingdom
Telephone	01954 488 645
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Email	matija.krkovic@addenbrookes.nhs.uk , krkovic@gmail.com
Website	www.limbreconstructions.com
Date of Birth	25 September 1969
Place of Birth	Ljubljana, Slovenia
Marital Status	Married to Tatjana (Teacher) With Three Children Ana (1997) Petra (1999) Matija (2003)
Nationality	Slovenian
Registration	Fully Registered with the General Medical Council No 6150761- Specialist Register Surgery
Accreditation	Completed Higher Specialist Training in General and Orthopaedic Trauma surgery (CCST equivalent), 9 April 2001
Ph. D. in Surgery	University of Ljubljana, Slovenia, 2006, (doctorate by thesis)

Current Position (Substantive)

(December 2012 - Consultant Orthopaedic Trauma Surgeon
Addenbrooke's Hospital
Cambridge University Hospitals NHS Foundation Trust (CUHNFT),
(Level I Trauma Centre)
Hills Road
Cambridge, CB2 0QQ
United Kingdom

Previous Employments

(August 2009- Consultant Orthopaedic Trauma Surgeon (Substantive)
December 2012) University Hospitals Coventry and Warwickshire (UHCW), (Level I
Trauma Centre)
Clifford Bridge Road
Coventry, CV2 2DX
United Kingdom

(December 2007- Locum Consultant Orthopaedic Trauma Surgeon
September 2009) University hospitals Coventry and Warwickshire
Clifford Bridge Road
Coventry, CV2 2DX
United Kingdom

(April 2001 – Orthopaedic Trauma Surgery (Substantive)
December 2007) Department for Traumatology
University Medical Centre Ljubljana (Level I Trauma Centre)
Slovenia, EU

(September 1996- Registrar in General and Orthopaedic Trauma Surgery
April 2001) University Medical Centre Ljubljana (Level I Trauma Centre)
Slovenia, EU
Mr. Korosec, Professor Princic, Professor Tonin

(December 1995 – SHO (probationer)
September 1996) University Medical Centre Ljubljana (Level I Trauma Centre)
Slovenia, EU
Professor Princic

FELLOWSHIPS

1. LJUBLJANA TRAUMA FELLOWSHIP

(January 2003 – February 2003) Department of Trauma Surgery
Medizinische Hochschule Hannover, Germany
Prof. Dr. C. Krettek, FRACS
Prof. Dr. H.C. Pape
Priv.-Doz. Dr. M. Grotz

This was a Fellowship of the Ljubljana University Medical Centre. The purpose of this Fellowship was to be exposed to the management of the multiple injured patients in a busy level I trauma centre and to become familiar with the decision making process in treating severely injured patients.

I was actively involved in the management of the multiple-injured patients and I was on call at nights and weekends. This trauma fellowship provided me with hands on experience in management of complex fractures and polytrauma patients. I actively participated in the “grand rounds” of the unit and contributed to their post-graduate teaching.

I also had the opportunity to exchange research ideas and this has established the basis for collaborative work leading to the inclusion of Slovenian multiple trauma patients in the German Trauma Registry (Traumaregister).

2. AO FELLOWSHIP for Shoulder and Elbow surgery

(November 2005 – December 2005) Department of Orthopaedic Surgery
UniClinic Balgrist, Zürich ,Switzerland
Prof. Dr. C. Gerber

Balgrist hospital is a centre for elective orthopaedic and reconstructive trauma procedures with a special expertise in shoulder and elbow surgery. As AO fellow I was actively involved in morning meetings including the decision making process as well as ward rounds.

During the operative procedures, I gained experience in elbow reconstruction and complex shoulder reconstructive procedures.

I also had the opportunity to exchange research ideas with their research specialists especially in shoulder and elbow biomechanics. This has established the basis for collaborative work between the Faculty of Mechanical Engineering of Ljubljana University and my research group.

Ph.D. THESIS

Title: Electrophysiological monitoring of the ulnar nerve during osteosynthesis of distal humerus fractures

My thesis was designed as a prospective study to detect potentially dangerous phases in subperiosteal elevation of the ulnar nerve during osteosynthetic procedures of distal humerus fractures. Preventing ulnar nerve mobilization may result in a lower incidence of tardy ulnar nerve palsy. This work included only my own patients at the University Medical Centre of Ljubljana and was done in association with Prof. R. Bosnjak and Prof. M. Kordas.

In addition to the submission of my PhD thesis, this work has been published in JBJS Br (2006;88-B:220-6).

I have also presented my work to several learned societies, including the Slovenian Trauma Society, Croatian Trauma Society and British Trauma Society.

TEACHING

1. Undergraduate:

- Teaching of the medical students UHCW (two medical students every 8 weeks)
- Teaching of the medical students CUHNFT during clinic and operating sessions
- Supervising medical students during projects

2. Postgraduate: teaching UHCW and CUHNFT

- ST1/ ST2 teaching
- SpR operating techniques improvement teaching
 - New technique of osteosynthesis of distal humerus which minimize operative trauma around ulnar nerve (based on my PhD)
 - Using of the poller (blocking) screw in metaphyseal fractures
 - Application of VAC or VAC instill in soft tissue defects or infected wounds after ORIF (Open Reduction Internal Fixation)
 - Use of ring external fixator (Ilizarov and TSF) in trauma and post-traumatic reconstructions
 - Intraoperative analgesia in knee replacement surgery to facilitate recovery

3. Regular lectures and training programs in University Hospitals Coventry and Warwickshire

- Instructor/Faculty: AO Management of fractures – Basic and Advanced course
- Regular medical student supervisor in projects (University of Cambridge)

CLINICAL RESEARCH

Research has become progressively important to me throughout my career. At previous post I was involved in basic studies of stem cells and development of new implants based on biomechanical studies.

A particular feature of my research has been the development of co-operative projects between Faculty of Mechanical Engineering of Ljubljana University and my research group. As a result of it, we published one article with modified existing implant. Another article on theoretical implant for proximal radial fractures has been published as well as a result of the collaboration.

SUCCESSFUL APPLICATIONS FOR RESEARCH GRANTS

- **GRANT (€ 370.000)** – June 2006: Awarded from Ministry of Defence for the project: Healing of long bone defects with tissue engineered bone substitutes (MIR – 09 RR 12).
- Innovation Grant - **Rapid Fracture Fixation – RaFF**. Institute of Physics and Engineering Medicine, September 2016
- **ECP Grant**, Engineering Department University of Cambridge - Advancing orthopaedic surgical quality and safety through the application of engineering knowledge. December 2017

•BOOK CHAPTERS

1. Nevenka Kregar Velikonja, Hana Krečič Stres, Elvira Maličev, Danica Gantar, Matija Krkovič, Vladimir Senekovič, Matjaž Rode, Miomir Knežević, Gordana Vunjak Novakovic and Mirjam Fröhlich (2012). Autologous Cell Therapies for Bone Tissue Regeneration, Bone Regeneration, Prof. Haim Tal (Ed.), ISBN: 978-953-51-0487-2, InTech, Available from: <http://www.intechopen.com/books/bone-regeneration/autologous-cell-therapies-for-bone-tissue-regeneration>

PUBLICATIONS IN PEER REVIEW JOURNALS

1. Sibbel J, Abdulkarim A, Fisher R, **Krkovic M. Eccentric Taylor spatial frame placement for the correction of femoral fracture deformity: a novel technique.** Eur J Orthop Surg Traumatol. 2020 Mar 2. doi: 10.1007/s00590-020-02639-w. [Epub ahead of print]
2. Giotikas D, Tarazi N, Spalding L, Nabergoj M, **Krkovic M. Results of the Induced Membrane Technique in the Management of Traumatic Bone Loss in the Lower Limb: A Cohort Study.** J Orthop Trauma. 2019 Mar;33(3):131-136.
3. Cundall-Curry DJ, Lawrence J, Fountain D, **Krkovic, M. The use of Poller screws in intramedullary nailing is associated with decreased callus formation.** Clinical Cases in Mineral and Bone Metabolism. 15. 216-220. Jul 2018.
4. Kanakaris NK, Obakponovwe O, **Krkovic M**, Costa ML, Shaw D, Mohanty KR, West RM, Giannoudis PV. **Fixation of periprosthetic or osteoporotic distal femoral fractures with locking plates: a pilot randomised controlled trial.** Int Orthop. 2019 May;43(5):1193-1204. doi: 10.1007/s00264-018-4061-1. Epub 2018 Jul 25.
5. Hotchen AJ, Barr LV, **Krkovic M. Bridging hard callus at 48 days in an open femoral shaft fracture with segmental defect treated with a first-stage Masquelet technique: I wasn't expecting that.** Strategies Trauma Limb Reconstr. 2017 Nov 7. doi: 10.1007/s11751-017-0300-z. [Epub ahead of print] PMID: 29116576
6. Nabergoj M, Giotikas D, **Krkovic M. Massive Blood Loss during Graft Harvesting with the Reamer Irrigator-Aspirator.** MOJ Orthop Rheumatol 5(1): 00166. DOI:10.15406/mojor.2016.05.00166
7. Giotikas D, Nabergoj M, **Krkovic M. Surgical management of complex intra-articular distal femoral and bicondylar Hoffa fracture.** Ann R Coll Surg Engl. 2016 Aug 4:e1-e3. [Epub ahead of print]
8. Taki H, **Krkovic M**, Moore E, Abood A, Norrish. **Chronic long bone osteomyelitis-diagnosis, management and current trends.** Accepted for publication on British Journal of Hospital Medicine in March 2016.
9. Bogataj M, Kosel F, Norris R, **Krkovic M**, Brojan M. **Biomechanical Study of Different Plate Configurations for Distal Humerus Osteosynthesis.** Med Biol Eng Comput. 2015 May;53(5):381-92. doi: 10.1007/s11517-015-1247-1. Epub 2015 Feb 8.
10. Metcalfe D, Isaac, SF, **Krkovic M. A Novel Percutaneous Technique for Reducing the Posterior Malleolar Fragment in Ankle Fractures.** Tech Orthop 2014;29: 167–170.

11. Norris R, Chapman AWP, Krikler S, **Krkovic M. A novel technique for the treatment of infected metalwork in orthopaedic patients using skin closure over irrigated negative pressure wound therapy dressings.** Ann R Coll Surg Engl 2013; 95 (2):118-24.
12. **Krkovic M, Brojan M, Bombac D, Hermann D. Internal Fixation of Radial Head Fractures with an Intramedullary Nail.** Biomechanical Engineering: Applications, Basis and Communications. February 2013, Vol. 25, No.01.
13. Baraza N, Saithna A, **Krkovic M. Acute persistent traumatic anterior dislocation of the fractured radial head: a case report and surgical technique.** J Shoulder Elbow Surg. 2011 Sept 30.
14. Baxter JA, **Krkovic M, Prakash U. Intertrochanteric femoral fracture after hip resurfacing managed with a reverse distal femoral plate: a case report.** Hip Int. 2010 Dec 14;20(4):562-4.
15. **Krkovic M, Costa ML. Stabilisation of the elbow in cases of severe disruption of the lateral collateral complex.** European Journal of Trauma and Emergency Surgery, 2010;36, issue 6, p. 587.
16. **Krkovic M, Bosnjak R. Subperiosteal elevation of the ulnar nerve-Anatomical considerations and preliminary results.** Injury. 2008 Jul;39(7):761-7. Epub 2008 Apr 15.
17. **Krkovic M , Bombac D, Balazic M, Kosel F, Hribernik M, Senekovic V, Brojan M. Modified pre-curved patellar basket plate, reconstruction of the proper length and position of the patellar ligament : a biomechanical analysis.** *Knee (Oxf.)*, 2007, issue 3, vol. 14,p. 188-193.
18. **Krkovic M, Kordas M, Tonin M, Bosnjak R. Subperiosteal elevation of the ulnar nerve in surgery for fractures of the distal humerus assessed by intraoperative neurophysiological monitoring.** J Bone Joint Surg Br 2006;88-B:220-6.

PUBLICATIONS IN JOURNALS

1. Bombac D, Brojan M, **Krkovic M**, Turk R, Zalar A. **Characterization of titanium and stainless steel medical implants surfaces**. RMZ – Materials and Geoenvironment, Vol. 54, No. 2, pp. 151-164, 2007
2. Krecic-Stres H, **Krkovic M**, Koder J, Malicev E, Drobnic M, Marolt D, Kregar-Velikonja N. Mezenhimske matične celice - moderni pristop k zdravljenju kostnih defektov = **Mesenchymal stem cells derived bone substitutes - a new approach to treat long bones defects**. V: KOMADINA, Radko (ur.), BRILEJ, Drago (ur.), FOKTER, Samo K. (ur.), GAJŠEK, Matej (ur.). *Zbornik izbranih predavanj Simpozija o nacionalnem registru hudo poškodovanih ter kostnih in hrustančnih transplantatih in nadomestkih*. Celje: Splošna bolnišnica, 2007, str. 106-112. [COBISS.SI-ID [22846937](#)]
3. **Krkovic M**, Senekovic V., Brojan M, Balazic M, Bombac D. [**Intoduction of new plate for patellar distal pole fracture fixation**] Nova ploščica za oskrbo zlomov spodnjega dela ploščice. V: TONIN, Martin (ur.). *Zbornik predavanj XLII. podiplomskega tečaja kirurgije, 2.-3. februar 2007*. Ljubljana: Združenje kirurgov Slovenije, Slovensko zdravniško društvo, 2007, str. 177-182. [COBISS.SI-ID [22356697](#)]
4. Balazic M, Brojan M, Kosel F, **Krkovic M**, Kopac J. **Some examples of medical implants and their manufacture**. V: *AMPT 2006, Las Vegas, NV, July 30-August 3, 2006*. [Ohio: Ohio University, Russ college of engineering and technology, 2006], 4 str. [COBISS.SI-ID [9560603](#)]
5. **Krkovic M**. Kirurški reanimacijski postopki = **Surgical procedures during resuscitation**. V: BRUČAN, Andrej (ur.), GRICAR, Marko (ur.), VAJD, Rajko (ur.), FINK, Andrej (ur.), ŠTROMAJER, Draga (ur.). Dvanajsti mednarodni simpozij o urgentni medicini, Portorož, Slovenija, 15.-18. junij 2005. *Urgentna medicina : izbrana poglavja : zbornik : selected topics 2005 : proceedings*. Ljubljana: Slovensko združenje za urgentno medicino: = Slovenian Society for Emergency Medicine, 2005, str. 27-30. [COBISS.SI-ID [19903449](#)]
6. Senekovič V, Štrus K, **Krkovič M**. Artroskopska rekonstrukcija meniskusa z bioesorbilnimi puščicami v lokalni anesteziji = **Arthroscopic meniscus repair with bioabsorbable arrows under local anesthesia**. *Zdrav Vestn (Tisk. izd.)*. [Tiskana izd.], 2004, letn. 73, št. 11, str. 825-828. [COBISS.SI-ID [18850521](#)]
7. Ales A, **Krkovic M**. [**Vacuum reansing and external fixator**] Vacuum rinsing ob zunanjem fiksaterju. V: KOMADINA, Radko (ur.). *Zbornik predavanj 3. kongresa Združenja kirurgov Slovenije, Portorož, 22. - 25. maj 2002*. [Ljubljana]: Lek, 2002, str. 217. [COBISS.SI-ID [15092697](#)]
8. **Krkovic M**, Veselko M. [**Diagnostic value of exudate in injured knee**] Diagnostična vrednost punktata poškodovanega kolena. V: SMRKOLJ, Vladimir (ur.). *Zbornik predavanj XXXVI. podiplomskega tečaja kirurgije za zdravnike družinske medicine, od 3. - 5. februarja 2000*.

Ljubljana: Kirurška klinika, Klinični center: Katedra za kirurgijo, Medicinska fakulteta, 2000, str. 198-202. [COBISS.SI-ID [11333593](#)]

9. Ales A, **Krkovic M**. **Internal fixation of the femoral shaft fractures in children by titanium semiflexible rods**. V: HERMAN, Simon (ur.). *Elastic stable intra-medullary nailing of long bone fractures in children with titanium rods : international symposium with workshop, October 1-2, 1999, Otočec, Slovenia, Europe : lecture book : mednarodni simpozij z delavnico, 1-2 oktober 1999 : knjiga predavanj*. [s.l.: University medical centre Ljubljana, Dpt. for traumatology, Slovenian society of trauma surgeons, Section for pediatric trauma, 1999], str. 37-39. [COBISS.SI-ID [14494937](#)]
10. Jost IA, **Krkovic M**, Tonin M. [**Treatment of splenic rupture**] Zdravljenje ruptur vranic. in: HRIBAR-HABINC, Miša (ur.), APFEL, Miša (ur.). *Zbornik predavanj*. Ljubljana: Slovensko zdravniško društvo, Slovensko združenje za anesteziologijo in intenzivno medicino: = Slovenian Medical Society, Slovenian Society of Anaesthesiology and Intensive Care Medicine, 1997, str. 252-262. [COBISS.SI-ID [7111897](#)]

PUBLISHED ABSTRACTS

1. **Krkovic M**, Chapman AWP, Norris R. **A novel technique for the treatment of infected metalwork in orthopaedic patients using skin closure over irrigated NPWT dressings.** Invited lecture at Serbian Orthopaedic and Traumatology Association, Zlatibor, Serbia, 10-12th October 2012.
2. Norris R Chapman A, Krikler S, **Krkovic M.** **The Krkovic method – a novel technique for the treatment of infected metalwork in orthopaedic patients using skin closure over irrigated vacuum assisted closure dressings.** 2nd Annual Oxford Bone Infection Conference (OBIC 2012), Oxford, UK, Abstract Book, 1st-2nd March 2012
3. Baraza N, Modi C, **Krkovic M.** **Gas without gangrene?—The study of an unusual case.** Injury Extra, Volume 42, Issue 9, September 2011, Page 16.
4. Boer R, Modi CS, Ho KWK, Saithna A, **Krkovic M.** **Clinical experience with VAC-Instill treatment for septic arthritis and infected implants.** In British Trauma Society Annual Clinical Meeting 2009 Abstract Book. Newcastle 2009.
5. Kovacic L, Stefanic F, **Krkovic M**, Sluga B, Senekovic V. **Anterograde angular stable locking nail in the treatment of displaced proximal humeral fractures.** In 10th International congress of shoulder and elbow surgery. Proceedings book p.221, Brazil 2007.
6. **Krkovic M**, Bosnjak R. **Subperiosteal elevation of the ulnar nerve – anatomical considerations and preliminary results.** In British Trauma Society Annual Clinical Meeting 2007 Abstract Book. Nottingham 2007.
7. **Krkovic M**, Bombac D, Brojan M, Kosel F, Senekovic V. **Modified pre-curved patellar basket plate, reconstruction of the proper length and position of patellar ligament – A biomechanical analysis.** In British Trauma Society Annual Clinical Meeting 2007 Abstract Book. Nottingham 2007.
8. Senekovic V, Strus K, **Krkovic M**, Veselko M, Majstorovic.M **Arthroscopic meniscus repair in local anesthesia.** V: PAVLOVČIČ, Vinko (ur.). *Final programme and book of abstracts.* [S. l.: s. n., 2007], str. 53. [COBISS.SI-ID [22945241](#)]
9. **Krkovic M**, Senekovic V, Strus K. Endoskopska spongioplastika = **Endoscopic spongioplasty.** V: *Knjiga sažetaka.* [S. l.]: Hrvatsko udruženje ortopeda i traumatologa, 2003, str. 136. [COBISS.SI-ID [17205977](#)]
10. **Krkovic M**, Senekovic V, Štrus K. [**Treatment of pseudoarthrosis with endoscop-two cases**] Endoskopsko zdravljenje psevdartroz - prikaz dveh primerov. *Endosk. rev.*, april 2003, letn. 8, št. 19, str. 63. [COBISS.SI-ID [16421849](#)]

11. **Krkovic M**, Kordas M, Tonin M, Bosnjak R. [**Subperiosteal elevation of ulnar nerve during operative treatment of intraarticular fractures of distal humerus in adults**] Subperiostealna elevacija ulnarnega živca med operativno oskrbo znotraj sklepnihzlomov končnega dela nadlahtnice pri odraslih. V: SMRKOLJ, Vladimir (ur.). *Kirurgija v starostnem obdobju : zbornik povzetkov*. [S. l.: Združenje kirurgov Slovenije], 2006, str. 188. [COBISS.SI-ID [21395161](#)]
12. Balazic M, Brojan M, **Krkovic M**, Bombac D, Kosel F, Kopac J. **Modern trends in development of medical implants**. *Eur. j. trauma*, 2006, letn. 32, suppl. 1, str. 192. [COBISS.SI-ID [9275163](#)]
13. Senekovic V, Kregar-Velikonja N, **Krkovic M**. **Two steps treatment of the large osteochondral defects with corticocancellous bone graft and implantation of cultured autologous chondrocytes**. *Eur. j. trauma*, 2006, letn. 32, suppl. 1, str. 236. [COBISS.SI-ID [21202137](#)]
14. **Krkovic M**, Zupancic F. **Distal tibial osteotomy fixed with tibial nail - case report**. *Eur. j. trauma*, 2006, letn. 32, suppl. 1, str. 164. [COBISS.SI-ID [21189849](#)]
15. **Krkovic M**, Bosnjak R, Kordas M. **Subperiosteal elevation of ulnar nerve during osteosynthesis of distal humerus fractures**. V: ŽUPANČIĆ, Božidar (ur.). *Abstract book*. Zagreb: [Hrvatsko kirurško društvo], 2006, str. 75. [COBISS.SI-ID [21639129](#)]
16. **Krkovic M**, Bosnjak R, Kordas M. **Neurophysiological assessment of the ulnar nerve function during surgery of the complex cubital fractures**. V: DOLENC, Vinko V. (ur.). *Proceedings of the 3rd CENS meeting, [Ljubljana, Slovenia, September 1-4, 2004]*. [Ljubljana: Slovenian neurosurgical society, 2004], str. 58. [COBISS.SI-ID [18224601](#)]
17. Veselko M, Cimerman M, Kastelec M, Kristan A, **Krkovic M**, Senekovic V, Štefanić F, Tonin M. **Two years experiences using locking compression plates in fracture treatment**. *Eur. j. trauma*, 2004, letn. 30, suppl. 1, str. 136. [COBISS.SI-ID [19399897](#)]
18. **Krkovic M**, Bosnjak R, Kordas M. **Electrophysiological monitoring of the ulnar nerve during surgery of the complex cubital fractures**. *Eur. j. trauma*, 2004, letn. 30, suppl. 1, str. 27. [COBISS.SI-ID [19396313](#)]
19. Senekovic V, Strus K, **Krkovic M**. **Meniscus repair with meniscus arrows**. V: *Final programme and book of abstracts*. [S. l.: s. n.], 2003, str. 21. [COBISS.SI-ID [19716569](#)]
20. **Krkovic M**, Cimerman M. **Our experiences with orthofix hibrid fixatro in periarticular fractures of lower leg**. V: *Abstract book*. Helsinki: European Federation of National Associations of Orthopaedics and Traumatology, 2003, str. 265 [P168]. [COBISS.SI-ID [1062281](#)]
21. **Krkovic M**, Bosnjak R. [**Electrophysiological monitoring of the ulnar nerve during osteosynthesis of intraarticular fractures of distal humerus**] Elektrofiziološko spremljanje delovanja ulnarnega živca med kirurško oskrbo znotraj sklepnihzlomov spodnjega dela nadlahtnice. V: KOMADINA, Radko (ur.). *Zbornik predavanj 3. kongresa Združenja kirurgov*

Slovenije, Portorož, 22. - 25. maj 2002. [Ljubljana]: Lek, 2002, str. 154. [COBISS.SI-ID 15004889] 14

22. Ales A, **Krkovic M. Conservative treatment of blunt splenic trauma in children.** *Ned. tijdschr. traumatol.*, 1998, suppl., str. 30-31. [COBISS.SI-ID 9615065]
23. Cerovic O, **Krkovic M**, Jost IA, Tonin M, Kremzar B.[**Politrauma in elderly**] Politravma pri starostnikih. V: FLIS, Vojko (ur.). Drugi kongres Združenja kirurgov Slovenije z mednarodno udeležbo, Maribor, 21.-23.5.1998 = Second congress of Surgical society of Slovenia with international participation, Maribor, 21.-23.5.1998. *Knjiga povzetkov*. Maribor, 1998, str. 82. [COBISS.SI-ID 8637145]

ADDITIONAL PRESENTATIONS

1. **Krkovic M. Complex Orthopaedics, non-union fractures, external fixators and the Precise Nail demo.** HCML Training Day. Easy Croydon. London, November 2019.
2. Abdul Karim Ali, **Krkovic M. Spontaneous bone regeneration in long bones. Case series and literature review. The Cambridge experience.** Advanced Precice User Group – Bone transport. Cambridge, October 2019.
3. **Krkovic M. Bone Transport – Ex-Fix vs Nail.** Advanced Precice User Group – Bone transport. Cambridge, October 2019.
4. **Krkovic M. Evolution of the bone transport - from external fixator to all internal methods - surgeon's perspective.** International Precice Surgeon Symposium 2019. Amsterdam, 24-25 May 2019 (invitation).
5. Ali Abdulkarim, Brendon R. Walker, Azeem Thahir, Hammad Sadique, Matija Krkovic. **Spontaneous Bone Regeneration in Long Bones Case series and Review of Literature The Cambridge Experience.** Cambridge Orthopaedic Club, April 2019.
6. Azeem Thahir, Ali Abdul Kareem, Muntadhir Al-Uzri, Matija Krkovic. **Improving Effectiveness of X-rays on Patients with TSF Frames.** Cambridge Orthopaedic Club, April 2019.
7. Jason Sibbel, Ali Abdulkarim, Matija Krkovic. **Eccentric Taylor Spatial Frame placement for the correction of femoral fracture deformity: a Novel Technique.** Cambridge Orthopaedic Club, April 2019.
8. **Krkovic M. Does VAC irrigation have a place in Bone Infection Management.** Infection management meeting Downing College (Sponsored by Bonesupport), Cambridge, July 2018.

9. **Krkovic M. Role of External Fixation in Infection management strategies.** 1st Advanced Infection Management Strategies Summit. Valencia, Spain, June 2018 (invitation, session chair)
10. Dimitris Giotikas, Lynette Spalding, **Nadim Tarazi**, Marko Nabergoj, Matija Krkovic. **Early Results Of A Modified Induced Membrane Technique In The Management Of Traumatic Bone Loss In The Lower Limb: A Cohort Study.** 19th EFORT Congress in Barcelona, Spain June 2018.
11. **Krkovic M. My experiences with Stimulan.** Commercial presentation. Ljubljana, Slovenia, May 2018
12. **Krkovic M. Ring fixator for complex lower limb fractures.** Lower limb deformity & reconstruction course, Dolenjske toplice, Slovenija, March 2018 (Organising committee)
13. **Krkovic M. Bone defects – other options.** Lower limb deformity & reconstruction course, Dolenjske toplice, Slovenija, March 2018 (Organising committee)
14. **Krkovic M. Ring Pitfalls in femoral and tibial fracture management.** Lower limb deformity & reconstruction course, Dolenjske toplice, Slovenija, March 2018 (Organising committee)
15. Giotikas D, **Krkovic M. Improved Infection Rates with Staged Management of Severe Open Tibia Fractures with Bone Transport with Circular Frame.** Our Early Experience. 7th Annual Bone Infection Conference, Oxford, March 2018
16. **Krkovic M. Vac Irrigation – How I do it.** Acelity Meeting, San Antonio Texas, November 2017
17. **Krkovic M. Management of critical bone defects.** Infection management meeting Jesus College (Sponsored by Bonesupport), Cambridge, July 2017
18. **Krkovic M. Critical femoral defects with distal intra-articular fracture extension – AxSOS 3 distal femoral plate.** Selzach, Switzerland, March 2017 (personal invitation Stryker)
19. **Krkovic M. Our current strategies in managing Complex Orthopaedic Trauma.** Selzach, Switzerland, March 2017 (personal invitation Stryker)
20. **Krkovic M. Current indications for Knee arthroscopy and Knee replacement.** Lunch and Learn. Sawston medical Centre, Cambridge, April 2015
21. Giotikas D, Magan A, Norrish A, Carrothers A, **Krkovic M. The use of the Reamer-Irrigator- Aspirator and antibiotic absorbable pellets with the Masquelet technique for the management of bone loss in complex open lower limb fractures. Our early experience.** 5th Annual Bone Infection Conference, March 2015, Oxford.

22. **Krkovic M. Anatomic Single Bundle ACL Reconstruction.** 10th International Course of Arthroscopic Techniques. Ljubljana, Slovenia, 18-20th April 2013 (invited lecturer)
23. **Krkovic M, Chapman AWP, Norris R. A novel technique for the treatment of infected metalwork in orthopaedic patients using skin closure over irrigated NPWT dressings.** Invited lecture at Serbian Orthopaedic and Traumatology Association, Zlatibor, Serbia, 10-2th October 2012 (invited lecturer)
24. **Krkovic M, Makrides P, Upadhyay P, Griffin XL. The K-screw: Stretching the envelope of the use of Poller screws.** Invited lecture at Serbian Orthopaedic and Traumatology Association, Zlatibor, Serbia, 10-12th October 2012 (invited lecturer)
25. **Krkovic M, Chapman AWP, Norris R. VAC Irrigation – How I do it.** ISWF, Barcelona, 22- 23rd March 2012
26. **Krkovic M. Fracture Masters Forum (S&N). Presentation of complex case with tibial shaft fracture.** London, 7-9th March 2012. (invited lecturer)
27. **Krkovic M. Pilon fractures and external fixatour.** Course on treatment of articular and periarticular fractures. Kranjska Gora, 18th – 21st January 2012. (invited lecturer)
28. **Krkovic M. Our experiences with TSF/Iizarov.** Course on treatment of articular and periarticular fractures. Kranjska Gora, 18th – 21st January 2012. (invited lecturer)
29. **Krkovic M. Treatment of distal humerus fractures with posterior plates.** Course on treatment of articular and periarticular fractures. Kranjska Gora, , 14th- 17th January 2011. (invited lecturer)
30. **Krkovic M, Baraza N, Saithna A. Acute traumatic instability of the elbow joint.** Course on treatment of articular and periarticular fractures. Kranjska Gora, , 14th- 17th January 2011 (invited lecturer)
31. Boer R, Modi CS, Ho KWK, Saithna A, **Krkovic M. Clinical experience with VAC-Instill treatment for septic arthritis and infected implants.** In British Trauma Society Annual Clinical Meeting 2009 Abstract Book. Newcastle 2009
32. **Krkovic M. Stiff elbow.** Course on treatment of articular and periarticular fractures. Kranjska Gora, , 14th- 17th January 2008 (invited lecturer)
33. **Krkovic M. Treatment of distal humerus fractures with posterior plates.** Course on treatment of articular and periarticular fractures. Kranjska Gora, 14th- 17th January 2008 (invited lecturer)
34. **Krkovic M. Stable OS of elbow fractures – do we need it.** Course on treatment of articular and periarticular fractures. Kranjska Gora, 14th- 17th January 2008 (invited lecturer)

35. Berce A, **Krkovic M. Elektrophysiological monitoring in elbow region – value.** Course on treatment of articular and periarticular fractures. Kranjska Gora, 14th- 17th January 2008 (invited lecturer)
36. **Krkovic M. Fixation of distal humeral fractures.** Hannover Medical School, 12th January 2003, Hannover, Germany
37. **Krkovic M. Ilizarov external fixator in Equinus-varus Therapy.** November 2000, Institut for Rehabilitation Republic of Slovenia

POSTER PRESENTATIONS

1. Thahir A, Al-Uzri M, Abdulkarim A, **Krkovic M. A guide on radiographic imaging for circular frames – Cambridge experience.** SICOT; Muscat, Oman, 2019.
2. Giotikas D, Schierholz R, Fisher R, **Krkovic M. The Impact of Leg Fasciotomies For Acute Compartment Syndrome Management On The Short Term Functional Outcome.** EFFORT Congress, Prague, 27th-29th May 2015
3. Giotikas D, **Krkovic M. Good outcome on a Host –B type patient with infected tibial non-union, MSSA bacteraemia and disseminated musculoskeletal infections.** 5th Annual Bone Infection Conference, March 2015, Oxford
4. Subbu R, El-Sayed C, **Krkovic M. Management of bone infections: A case series report from University Hospitals Coventry and Warwickshire.** 3rd Annual Oxford Bone Infection Conference (OBIC 2013), Oxford, UK, 28th February-1st March 2013
5. El-Sayed C, Subbu R, Lever S, **Krkovic M. Managing infected non-union. A case report highlighting the importance of patient compliance.** 3rd Annual Oxford Bone Infection Conference (OBIC 2013), Oxford, UK, 28th February-1st March 2013
6. Norris R, Chapman A, Krikler S, **Krkovic M. The Krkovic method – a novel technique for the treatment of infected metalwork in orthopaedic patients using skin closure over irrigated vacuum assisted closure dressings.** 2nd Annual Oxford Bone Infection Conference (OBIC 2012), Oxford, UK, 1st-2nd March 2012
7. Baraza N, **Krkovic M. Gas Without Gangrene? The Study of an Unusual Case.** British Trauma Society, Manchester, 4th - 6th May 2011
8. Baraza N, Saithna A, **Krkovic M. Acute traumatic anterior dislocation of the fractured radial head: Case Report and Novel Surgical Technique.** International Podium and Poster Presentation. European Congress of Trauma and Emergency Surgery, Milan, Italy, 27th -30th April 2011. 2nd Prize in Poster Category
9. Kovacic L, Senekovic V, Sluga B, Stefanic F, **Krkovic M. Anterograde angular stable locking nail in the treatment of displaced proximal humeral fractures.** Osterreichische Gesellschaft fur Unfallchirurgie, Poster presentation, p. 30. Salzburg 2007. 1st Prize Award
10. Kovacic L, Stefanic F, **Krkovic M, Sluga B, Senekovic V. Anterograde angular stable locking nail in the treatment of displaced proximal humeral fractures.** In 10th International congress of shoulder and elbow surgery. Proceedings book p.221, Brazil 2007
11. **Krkovic M, Bombac D, Brojan M, Kosel F, Senekovic V. Modified pre-curved patellar basket plate, reconstruction of the proper length and position of patellar ligament – A**

biomechanical analysis. In British Trauma Society Annual Clinical Meeting 2007 Abstract Book. Nottingham 2007. 2nd Prize Award by BTS

12. **Krkovic M, Bosnjak R. Intraoperative monitoring of the ulnar nerve function during surgery for fractures of the distal humerus.** New York, 2003
13. **Krkovic M, Cimerman M. Our experiences with orthofix hibrid fixatro in periarticular fractures of lower leg.** European Federation of National Associations of Orthopaedics and Traumatology, Helsinki 2003.

AUDIT PRESENTATIONS

1. Ansari A, Giotikas D, **Krkovic M.** Reasons for delay in major trauma theatre. December 2014
2. Baraza N, Rai P, Chahal G, Brewster M, **Krkovic M.** Delay in Trauma Theatres in the Evening – Is Elective Orthopaedics to Blame?
3. Jordan R, Marks A, Dickenson E, **Krkovic, M.** Re-Audit: Management of Open Fractures of the lower limb. Project No: 1389
4. Prasthofer A, Raja S, Jenkins B, **Krkovic M,** Use of VAC dressings in Orthopaedic Trauma and elective patients with retained metalwork at UHCW 2008-2009. June, 16th, 2010

TRAINING COURSES ATTENDED

1. The Journey into Rehabilitation. The London Prosthetic Centre, Stewarts, Ascot Rehab. London, 27 February 2020.
2. Osseointegration – Signature: Direct observation of the technique, Las Vegas, USA, December 2019
3. AOPEER Level 1 course - Principles of Clinical Research, Cambridge, 23-24 November 2019.
4. AOPEER Teacher’s Seminar. Cambridge, 24 November 2019.
5. Advanced Precice User Group – Bone Transport. Cambridge, October 2019 (Course Convenor
6. International Precice Surgeon Symposium 2019. Amsterdam, 24-25 May 2019 (invitation).
7. The future of spinal surgery. Cayman Islands, October 2018
8. 20th anniversary of TSF frame. “Eccentric” TSF (presentation). Advanced limb restoration course Vienna, May 2018
9. ISPO UK MS OSSEOINTEGRATION WORKSHOP: *Challenges and Perceptions: Direct Skeletal Fixation Following Amputation*, Thursday 18 January 2018
10. Access Acelity plant tour, San Antonio, Texas, 16-17 November 2017
11. Cambridge Knee Course 2017. Evelyn Cambridge Surgical Training Centre, Melbourn, June 29-30 June 2017 (Faculty)
12. 7th international Orthopaedic Trauma meeting in Guangzhou, China, 3-4 June 2017 (Invited speaker)
13. My experiences with Stimulan. Commercial presentations in 5 China cities. June 2017
14. Slovenia Healthcare Developmental Forum, Portoroz , March 2017 (Invited speaker)
15. 11th European AO Experts’ Symposium (case-based) at the BG Klinik, 7 to 8 October 2016, Tubingen, Germany (Invited Case presentation which one First prize)
16. Basic Surgical Skills Course, Addenbrooke’s, Cambridge, September 2016 (Faculty)
17. Medicolegal Masterclass, Irwinmitchell Solicitors, Cambridge, 28 April 2016
18. Basic Surgical Skills Course, Addenbrooke’s, Cambridge, March 2016 (Faculty)
19. Global TAYLOR SPATIAL FRAME Master Forum, London, October 22-24, 2015

20. 8th Trauma and Orthopaedic conference (Physiotherapy meeting), Cancer Research UK-Li Ka Shing Building, Addenbrooke's Hospital, Cambridge, Sept 2015 (Faculty)
21. Basic Surgical Skills Course, Addenbrooke's, Cambridge, September 2015 (Faculty)
22. Cadaveric Knee Arthroscopy Workshop, Royston, Cambridge, April 2015 (faculty)
23. NIHR Bid Development Workshop, Stansted, March 2015
24. The second East Anglia Orthopaedic Trauma Approaches Course, Royston, Cambridge, December 2014 (Faculty)
25. An opportunity for advancing medical research in Cambridge, Babraham Science Park, Cambridge, October 2014
26. 5th National Orthopaedic Infection Forum, London, June 2014
27. Introductory Course on The Taylor Spatial Frame, Cambridge, March 2014 (Faculty)
28. Funding and Partnership Opportunities for Implantable Devices, London, November 2013
29. LINKademy International Symposium: 50 years Joint Replacement in Kiel. Orthopaedic Implants made by LINK. Kiel, Germany, September 2013
30. Primary Trauma Care Course with Primary Trauma Care instructor Course, PTC, Lusaka, Zambia, July 2013 (Faculty, 5 days)
31. Principles in Operative Fracture Management Course for Surgeons, AO Trauma, Leeds, UK, June 2013 (Faculty, 4 days)
32. 10th International Course of Arthroscopic Techniques. Ljubljana, Slovenia, 18-20th April 2013. (invited instructor)
33. 1st International Academy of Surgical Approaches. Ljubljana, Slovenia, 18-20th April 2013.(moderator of elbow session)
34. ISWF (Internation Surgical Wound Forum), Barcelona, March 2012 (active presentation)
35. Masters Fracture forum (S&N),London, UK, March 2012 (Invited Faculty)
36. 2nd Annual Oxford Bone Infection Conference (OBIC 2012), Oxford, UK, March 2012
37. Course on treatment of articular and periarticular fractures, Kranjska Gora, SLO, January 2012 (Invited Faculty)
38. AIM Ankle Injury Management, University of Oxford, Coventry, December 2011

39. Sports Knee Surgery, Warwick, UK, November 2011
40. Essentials of Educational Supervision Course at University Hospitals Coventry and Warwickshire, Coventry, September 2011
41. Principles in Operative Fracture Management Course for Surgeons, AO Trauma, Leeds, UK, July 2011 (Faculty, 4 days)
42. Innovations in Upper Limb Trauma Course, Synthes, Birmingham, UK, May 2011 (Invited Faculty)
43. Bone Biology Congress, Munich, Germany, January 2011
44. Course on treatment of articular and periarticular fractures, Kranjska Gora, SLO, January 2011 (Invited Faculty)
45. Management of Infections in Orthopaedic Surgery, UK, July 2010
46. AO injured foot course, UK, June 2010
47. Oxford Cementless & Domed Lateral Instructional Course, UK, April 2010
48. AO Tips for Trainers, Stratford Upon Avon, UK, March 2010
49. Birmingham Medico Legal Society, Birmingham, February 2010
50. USA Educational tour, BIOMET, USA, February 2010
51. Writing Expert Reports: Introduction, Professional solutions, London, UK, January 2010
52. Advanced Arthroscopic Knee Surgery-Cadaveric Skills Course, Gross Gerau, Germany, December 2009 (Faculty)
53. De Puy Trauma Signature Series Fracture Fixation Symposium, Miami, USA, December 2009
54. Vienna Primary and Revision Knee Course, Vienna, Austria, October 2009
55. Management Programme for Specialist Registrars, Sheffield, Nottingham, UK, September 2009
56. Proximal femoral fractures, Warwick, UK, September 2009 (Faculty)
57. Hammersmith interview Skills Course, London, UK, August 2009
58. Arthroscopy and arthroplasty Course, Utrecht, Netherlands, July 2009

59. Unicompartmental Cadaveric Instructional Course, Coventry, UK, June 2009
60. Oxford Partial Knee Advanced Instructional Course, Oxford, UK, March 2009
61. Use of Hydroxyapatite in Primary and Revision Surgery, Annecy, France, October 2008
62. Corail Registrar Training Course, Stratford, UK, July 2008
63. Exeter Hip Symposium, Exeter, UK, June 2008
64. ATLS, Coventry, UK, 2008
65. Course on treatment of articular and periarticular fractures, Kranjska Gora, January 2008 (Faculty)
66. Shoulder Advanced Course, Annecy, France, June 2007
67. International Advanced Course of Arthroscopic techniques, ESSKA, SSAST, April 2006 (Faculty)
68. Advanced Course on Knee Surgery, Val d'Isere, France, January 2006
69. Certificate in ionising radiation protection, Ljubljana, Slovenia 2005 22
70. AO Master Course, AO International, Davos, Switzerland, December 2005
71. AO Advances in Fracture Management, AO International, May 2004 (Faculty)
72. International Targon Interlocking Nailing Course, Aesculap, Tuttlingen, Germany, June 2003
73. Innovations in Osteosynthesis techniques, OKA, Austria, May 2003
74. Arthroscopic Shoulder Symposium, DePuy, Vienna, Austria, February 2003
75. AO Advances in Fracture Management, AO International, October 2002
76. Basic course of Arthroscopic techniques with workshop, ESSKA, SSAST, March 2002
77. AO Advances in Fracture Management, AO International, Salzburg, Austria, September 2001
78. School of Intensive Medicine III., November 2000
79. International Symposium with workshop Trauma of the Pelvis and Acetabulum, May 2000
80. School of Intensive Medicine II., November 1999

81. AO Advances in Fracture Management, AO International, September 1999
82. School of Intensive Medicine I., November 1998
83. Elastic stable intra-medullary nailing of long bone fractures in children with titanium rods, October 1998
84. AO ASIF Jubilee Course Advances in Fracture Management, AO International, September 1998
85. AO Course on Peripheral Osteosynthesis, AO International, October 1997
86. AO Basic Course, AO International, March 1997
87. Surgical Emergency Procedures, University Trauma Clinic Graz, February 1997
88. Emergency Trauma Care, Penn State University, Centre for Emergency Medicine, Ljubljana, February 1997
89. Advanced Resuscitation Procedures, February 1996

MEMBERSHIPS – AFFILIATIONS TO LEARNED SOCIETIES

BOA (British Orthopaedic Association)

BTS (British Trauma Society)

DTS (Slovenian Trauma Society)

ETS (European Trauma Society)

SSAST (Slovenian Society for Arthroscopic Surgery and Sport Traumatology)

Honorary Member of SOTA (Serbian Orthopaedic and Traumatology Association)

ADDITIONAL INFORMATION

Languages	English, German - passive, Serbo-Croatian, Slovenian
Driving license	B
Hobbies	Squash, Computer programming, Piano

STAFF TEACHING

1. Upper limb fractures. UHCW, October 2010
2. TSF Training Course, Coventry, February 2011
3. Intramedullary Nailing of the Lower Limb, Coventry, May 2011
4. Basic Osteosynthesis Technics for Theatre Staff, Cambridge, January 2014
5. Management of frame patients from nursing and physio perspective, Addenbrooke's, October 2017