

# **Curriculum Vitae**

**Mr. Charles Anthony Willis-Owen**

BM BCh MA (Hons Oxon) MFSEM (UK) FRCS (Tr & Orth)  
Expert: Association of Personal Injury Lawyers  
Faculty of Expert Witnesses

**Consultant Trauma and Orthopaedic Surgeon**

Department of Trauma and Orthopaedics  
Royal Bournemouth Hospital  
Poole General Hospital

## Personal Details

<b>Address</b>	23 Pearce Avenue Poole BH14 8EG	<b>Date of birth</b>	7 <sup>th</sup> May 1976
		<b>GMC status.</b>	Full specialist registration
		<b>GMC No.</b>	4731210
<b>Email</b>	<a href="mailto:appointments@willis-owen.co.uk">appointments@willis-owen.co.uk</a>	<b>RCS No.</b>	1002236
		<b>Indemnity</b>	MIC
<b>Web</b>	www.sportsorthopaedicspecialist.co.uk		
<b>Education</b>	Jesus College, Oxford / Oxford University Medical School (1994-2000) Steyning Grammar School, West Sussex (1989-1994)		

## Current appointment

### Consultant in Trauma and Orthopaedics, Royal Bournemouth and Christchurch NHS Trust

I am Trauma and Orthopaedic Consultant providing trauma services to Poole General Hospital and elective services at the Royal Bournemouth Hospital. I also have private practices in London and Dorset. My areas of specialist interest include trauma surgery, lower limb arthroplasty (conservative, primary and revision) arthroscopy, cruciate ligament reconstruction and sports surgery. I retain an active involvement in teaching and research and continue to publish research findings in the international medical literature and present worldwide.

## Medico-legal experience

I have produce approximately 100 medico-legal reports per year for both personal injury and clinical negligence. Reports are approximately 90% claimant, 5% defendant, 5% joint instruction. I am a registered Expert with the Association of Personal Injury Lawyers (APIL) and a member of the Faculty of Expert Witnesses. I have completed specific training with regards to medico-legal reporting and regularly engage in peer review of my work to ensure high standards are maintained. I enjoy high levels of repeat instruction and long term professional relationships with a number of high level firms. I have a particular reputation for cases involving cycling injuries and knee injuries.

## Qualifications

### Qualifications

2008	FRCS (Tr & Orth) England
2007	MFSEM(UK)
2004	MRCS England
2003	Master of Arts (Hons) Physiological sciences (Hons)(Oxon)
2000	Bachelor of Medicine, Bachelor of Surgery (Oxon)
1997	Bachelor of Arts (Hons) Physiological Sciences (Hons)(Oxon)
1997	Diploma in Sports Psychology

## Research

I have over 40 published papers. I have engaged in a variety of research ranging from basic science work, cost effectiveness studies, clinical outcome studies, to patient focused projects. I have published widely from letters to prospective studies. My publications have appeared in leading journals including BMJ, JBJS, Knee, BJHM and J Hosp Infect. Two of my publications have been independently nominated and accepted into the Faculty of 1000 (the 1000 most significant publications in medicine). I am a peer reviewer for a number of journals and an Editor for the World Journal of Orthopaedics and have been an invited expert for the NEJM.

I have presented my research findings widely to a variety of audiences world wide. I am confident providing authoritative information and fielding questions. My presentations have won numerous prizes.

### Selected Publications

1. Anterior cruciate ligament reconstruction best practice: A review of graft choice.  
Shaerf DA, Pastides PS, Sarraf KM, **Willis-Owen CA**.  
World J Orthop. 2014 Jan 18;5(1):23-9. doi: 10.5312/wjo.v5.i1.23. eCollection 2014 Jan 18.
2. Trunnionosis: A pain in the neck.  
Pastides PS, Dodd M, Sarraf KM, **Willis-Owen CA**  
World J Orthop. 2013 Oct 18;4(4):161-6
3. Clinical outcomes of bilateral single-stage unicompartmental knee arthroplasty.  
Akhtar KS, Somashekar N, **Willis-Owen CA**, Houlihan-Burne DG  
Knee. 2014 Jan;21(1):310-4
4. Anterior cruciate ligament reconstruction with the ligament augmentation and reconstruction system: a systematic review.  
Newman SD, Atkinson HD, **Willis-Owen CA**  
Int Orthop. 2013 Feb;37(2):321-6.
5. A cheap and readily available assistant in hand surgery.  
Subramanian P, **Willis-Owen CA**  
Tech Hand Up Extrem Surg. 2012 Jun;16(2):62-3
6. Orthopaedic surgeons: as strong as an ox and almost twice as clever? Multicentre prospective comparative study.

- Subramanian P, Kantharuban S, Subramanian V, Willis-Owen SA, **Willis-Owen CA**  
Christmas BMJ. 2011; 15;343:7506
7. Are current thrombo-embolic prophylaxis guidelines applicable to unicompartmental knee arthroplasty?  
**Willis-Owen CA**, Sarraf K, Martin A, Martin DK  
JBJS Br. 2011; 93(12):1617-1620
  8. A new mode of early metallosis related failure in total knee arthroplasty. A report of 15 cases.  
**Willis-Owen CA**, Keene GC, Oakeshott RD  
J Bone Joint Surg Br. 2011; 93(2):205-9
  9. Foot drop after total hip replacement secondary to vascular graft occlusion.  
**Willis-Owen CA**, Nishiwaki T, Spriggins A  
Hip Int. 2011 Jan 28. pii: 09EC442D-21D1-4174-AA7A-41200F4CF4E4. [Epub ahead of print]
  10. Bare below the Elbows  
**Willis-Owen CA**  
Ann R Coll Surg Eng (Suppl) 2011;93:106
  11. Long term benefit of computer-assisted surgical navigation in unicompartmental knee arthroplasty.  
Konyves A, **Willis-Owen CA**, Spriggins A  
Journal of Orthopaedic Surgery and Research. 2010; 31(5):94
  12. Safety of Autologous Blood Transfusion Following Intraoperative Intraarticular Ropivacaine Anaesthesia  
Jeong E, Gordon D, **Willis-Owen C**, Somashekar N, Houlihan-Burne D  
International Journal of Surgery, Volume 8, Issue 7, 2010, Pages 526-527
  13. Bilateral hip arthroplasty: Is 1-week staging the optimum strategy?  
Atkinson HD, Bailey CA, **Willis-Owen CA**, Oakeshott RD  
Journal of Orthopaedic Surgery and Research 2010; 5(1):84
  14. Differences in hip morphology between the sexes in patients undergoing hip resurfacing.  
Atkinson HD, Johal KS, **Willis-Owen CA**, Zadow S, Oakeshott RD  
Journal of Orthopaedic Surgery and Research 2010; 5:76
  15. Bilateral ganglion cysts of the cruciate ligaments.  
**Willis-Owen CA**, Konyves A, Martin DK  
Journal of Orthopaedic Surgery 2010; 18(2):251-3
  16. Biomechanical testing of implant free wedge shaped bone block fixation for bone patellar tendon bone anterior cruciate ligament reconstruction in a bovine model.  
**Willis-Owen CA**, Hearn TC, Keene GC, Costi JJ  
Journal of Orthopaedic Surgery and Research 2010; 2(5):66
  17. Bone mineral density in the femoral neck increases after hip resurfacing: A cohort with 5-year follow-up.  
**Willis-Owen CA**, Atkinson HD, Oakeshott RD  
International Orthopaedics. 2010 Aug 22. [Epub ahead of print]
  18. The 'Missing Piece' Sign; Distant Migration of a Patellar Tendon Cerclage Wire.  
**Willis-Owen CA**, Crocker MJ, Martin DK  
Brit J Hosp Med. 2010 71(8): 470 – 471
  19. An analysis of factors affecting the incidence of infection in lower limb arthroplasty in 5,277 cases.  
**Willis-Owen CA**, Konyves A, Martin DK  
JBJS(Br) 2010;92-B:1128-33

20. Bare below the elbows; what do patients think?  
Subramanian P, **Willis-Owen CA**, Houlihan-Burne DG  
Ann R Coll Surg Engl(Suppl). 2010; 92:244-247
21. Do patients understand the changes in the way doctors dress?  
**Willis-Owen CA**, Subramanian P, Houlihan-Burne DG  
J Hosp Infect 2010 Jun;75(2):139-40
22. Effects of 'bare below the elbows' policy on hand contamination of 92 hospital doctors in a district general hospital.  
**Willis-Owen CA**, Subramanian P, Kumari P, Houlihan-Burne DG  
J Hosp Infect. 2010 Jun;75(2):116-9
23. Failure of Asnis III 5.0mm cannulated screw: a case report.  
Chen A, **Willis-Owen C**, Akhtar K and Kamineni S  
Cases J. 2010 Jan 7;3:9
24. Rare case of bilateral posterior fracture dislocation of the shoulders secondary to a syncopal episode.  
Sarraf KM, Sadri A, **Willis-Owen CA**  
Orthop Traumatol Rehabil. 2009 Sep-Oct;11(5):480-5
25. Unicondylar knee arthroplasty in the UK National Health Service: an analysis of candidacy, outcome and cost efficacy.  
**Willis-Owen CA**, Brust K, Alsop H, Miraldo M, Cobb JP  
Knee. 2009 Dec;16(6):473-8
26. Publish or perish: the cost of success.  
**Willis-Owen CA**  
Ann R Coll Surg Engl(Suppl). 2009 Feb;91(2):70
27. Innovation in Surgery.  
**Willis-Owen CA**  
Ann R Coll Surg Engl. 2009 Jan;91(1):90
28. A deceptive MRI appearance of the medial meniscus in a 14 year old boy: a case report.  
Subramanian P, **Willis-Owen CA**, Houlihan-Burne DG  
Cases J. 2009 Jan 6;2(1):16
29. Movement artefact mimicking type 2 odontoid fracture on CT reconstructions.  
Crocker M , Matthews H, **Willis-Owen CA**, et al.  
Inj Extra. 2009 (40):63–64
30. Hepatic injury after costochondral separation in a rugby football player.  
**Willis-Owen CA**, Kemp SP, Thomas RD  
Clin J Sport Med. 2009 Jan;19(1):70-1
31. Total hip arthroplasty in Klippel-Trenaunay syndrome.  
**Willis-Owen CA**, Cobb JP  
Ann R Coll Surg Engl. 2008 Nov;90(8):W6-8
32. Bilateral femoral neck fractures due to transient osteoporosis of pregnancy: a case report.  
**Willis-Owen CA**, Daurka JS, Chen A, Lewis A  
Cases J. 2008 Aug 21;1(1):120
33. Surgeon case volume and anterior cruciate ligament reconstruction: Can low volume surgeons achieve acceptable results?  
**Willis-Owen CA**, Vaughan P, Dega R  
Int J of Orthop Surg. 2008 (9):2
34. Coraco-clavicular sling for acromio-clavicular joint disruption.  
**Willis-Owen, CA**

- Ann R Coll Surg Engl. 2008 90(1);78
35. Atopic dermatitis: insights from linkage overlap and disease co-morbidity.  
Willis-Owen SA, Morar N, **Willis-Owen CA**  
Expert Rev Mol Med. 2007 ;9(9):1-13
  36. A fail safe method of digital tourniquet.  
**Willis-Owen CA**  
Injury. 2004; 35(6): 635
  37. Don't place all your trust in machines.  
**Willis-Owen CA**  
British Medical Journal. 2003; 327:1084
  38. Visual temporal processing in adult dyslexics: Evidence for M Pathway dysfunction.  
Talcott JB, Hansen PC, **Willis-Owen CA**, McKinnell IW, Richardson AJ & Stein JF  
Neuro-ophthalmology. 1998; 20(4):187-201

### **Selected Presentations**

### **International**

1. A cost minimization analysis of knee arthroplasty using data from three national registries  
B Andrews, C Willis-Owen, Aqil A, Cobb JP  
AAOS 2013
2. Clinical outcomes of bilateral single-staged unicompartmental knee arthroplasty  
Akhtar K, Somashekar N, **Willis-Owen CA**, Houlihan-Burne D  
BOA 2012
3. Clinical and economic benefits of bilateral single-stage knee arthroplasty in an enhanced recovery setting  
Akhtar K, Somashekar N, **Willis-Owen CA**, Houlihan-Burne D  
Enhanced recovery summit 2012
4. LARS: The growing clinical evidence; an independent review.  
**Willis-Owen CA**  
The LARS masterclass – Faculty member- Oxford- 2011 & 2012
5. A new mode of early metallosis related failure in total knee arthroplasty.  
**Willis-Owen CA**, Keene GC, Oakeshott RD  
The Australian Arthroplasty Association 2010. Hunter Valley, New South Wales.
6. An analysis of factors affecting the incidence of infection in lower limb arthroplasty in 5277 cases.  
**Willis-Owen CA**, Martin DK  
The Australian Arthroplasty Association 2010. Hunter Valley, New South Wales.
7. An analysis of factors affecting the incidence of infection in lower limb arthroplasty in 5277 cases.  
**Willis-Owen CA**, Martin DK  
Australian Orthopaedic Association SA meeting 2010. Adelaide.
8. Long term benefit of computer-assisted surgical navigation in unicompartmental knee arthroplasty.  
Konyves A, **Willis-Owen CA**, Spriggins A  
Australian Orthopaedic Association SA meeting 2010. Adelaide.
9. Invited lecture: The Pathomechanics of Elbow injuries.  
**Willis-Owen CA**  
The London Upper Limb meeting 2008. London.
10. Intra-bursal vs Inter-scalene Analgesia for Arthroscopic Shoulder Surgery.  
**Willis-Owen CA**, Dhotare S, Kamineni S  
21<sup>st</sup> meeting of SECEC September 2008. Bruges.
11. Non-Sub Specialist DGH experience [of ACL reconstruction].

- Dega R, **Willis-Owen CA**, Vaughan P  
Wexham Park Cruciate Meeting 2006. Wexham Park.
12. Specific visual deficits in dyslexia revealed by temporal processing tasks.  
Talcott JB, Hansen PC, **Willis-Owen CA**, Richardson AJ & Stein JF  
4th World Congress on Dyslexia 1997. Halkidiki.

### **Regional**

1. An Assessment of 'Bare below the Elbows' policy of the hand contamination of 92 hospital doctors in a district general hospital.  
Subramanian P, **Willis-Owen CA**, Houlihan-Burne DG  
Royal Society of Medicine Orthopaedics president's prize papers competition – 2010  
**Winner.**
2. Bare below the elbows : Does it work?  
**Willis-Owen CA**  
Lipman Kessel Prize – 2009 **proxime accessit.**
3. Bare below the elbows: What do patients think?  
**Willis-Owen CA**  
St Marys short papers prize –2008 **Winner.**
4. A pattern based classification of knee osteoarthritis.  
**Willis-Owen CA**  
Lipman Kessel Prize –2008 **Winner.**
5. External Fixation for and infected open PIPJ fracture.  
**Willis-Owen CA**, McNab I  
Oxford Regional Hand Conference 2003. Oxford

### **Posters**

1. Orthopaedic surgeons: As strong as an ox and half as bright?  
Subramanian P, **Willis-Owen CA**  
BOTA 2011 – Presidents Prize poster presentation
2. Coherent motion detection and critical flicker fusion frequency in dyslexia.  
Talcott JB, Hansen PC, **Willis-Owen CA**, Westwood EA, Richardson AJ, & Stein JF  
Poster, Rodin Society Meeting 1997. Stockholm.