

# **CURRICULUM VITAE**

XAVIER GRIFFIN

## PERSONAL DETAILS

**Name** Xavier Luke Griffin

**Date of Birth** 20 June 1979

**Nationality** British

**Addresses** Royal London Hospital  
Dept of Trauma & Orth  
Philpot Street  
London E1 1BB  
UK

Manor Hospital  
Beech Road  
Oxford  
OX3 7RP  
UK

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**GMC Number** 6055402

**Revalidation:** 13 February 2025

**Indemnity** WRB Syndicate 82949614/GRIFFIN

**Memberships** Fellow Royal College of Surgeons of England  
Home Fellow British Orthopaedic Association  
Member Orthopaedic Trauma Society GB and Ireland

# PROFESSIONAL EXPERIENCE

## **QUALIFICATIONS**

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The Royal College of Surgeons of England **FRCS (Tr & Orth)**

University of Warwick **PhD (Medicine)**

University of Warwick MSc (**Trauma & Orthopaedic Surgery**)

University of Oxford, Green and Templeton College **BM BCh**

University of Cambridge, Gonville and Caius College **BA (Hons) First Class**

## **GRANTS**

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### *Lead applicant*

2019 NIHR HTA (FRUITI) £1.8M

2019 NIHR RfPB (WAX Trial) £350,000

2019 NIHR HTA (FAME trial) £1.5M

2019 NIHR RfPB (WHITE9) £250,000

2018 NIHR Clinician Scientist (Open fracture management), £1.1M

2017 NIHR SRP (Hip fracture review portfolio), £415,272

2016 NIHR HTA Programme (TRAFFix Trial), £235,841

2016 X-Bolt Commercial Grant (Investigator Initiated) (WHITE 4 Trial); £798,800

2013 Cochrane BJMT Group (commissioned review); £2000

2012 Serf Commercial Grant (Investigator Initiated) (WHITE 2 Trial); £44,310

2012 X-Bolt Commercial Grant (Investigator Initiated) (WHITE 1 Trial); £22,970

2009 Bupa Foundation (WHITE Trial); £84,976

2008 PhD Fellowship, Furlong Research Charitable Foundation, £92,845

### *Co-applicant*

2019 NIHR HTA (Venous thromboembolism risk assessment) £550,000

2019 Versus Arthritis (ReDUCE hip fracture epidemiology & inequity) £400,000

2018 NIHR RfPB Programme (TULIP trial), £249,986

2017 NIHR RfPB Programme (WHITE5 definitive trial, £349,832

2016 NIHR RfPB Programme (WHITE 5 feasibility), £218,423

2011 NIHR Programme Development Grant (Hip fracture outcomes), £99,154

## **RESEARCH COMMITTEE APPOINTMENTS**

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Deputy Co-ordinating Editor Cochrane Bone, Joint & Muscle Trauma Group

Member, Arthritis UK Musculoskeletal Trauma Clinical Studies Group

Scientific member, British Orthopaedic Trauma Society Steering Committee

British Orthopaedic Association member, Fragility Fracture Service National Audit

British Orthopaedic Association member, NICE Thromboembolism Guideline Group

## **CAREER STATEMENT**

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Professor Xavier Griffin is a leading consultant trauma and orthopaedic surgeon based in London, Oxford and Banbury. He holds the inaugural Chair of the new clinical and academic collaboration in orthopaedic surgery at the renowned Barts and The London School of Medicine. He is a consultant orthopaedic surgeon, with a pelvic, acetabular and hip reconstruction / replacement interest at the Royal London Hospital, the largest, busiest and first ever Major Trauma Centre in the UK.

His areas of expertise are broken bones and muscle injuries in adults and children, hip replacements, and hip reconstruction following traumatic injury. He is a national specialist in the treatment of severe injuries of the pelvis bone and hip socket. He is currently based at the Nuffield Health Oxford Manor Hospital, The New Foscote Hospital and Royal London Hospital, Barts Health NHS Trust.

After completing his undergraduate degrees at Cambridge and Oxford Universities in 1999 and 2002, Professor Griffin went on to do ten years of trauma and orthopaedic training in both Bristol and West Midlands. Following this he underwent internationally recognised fellowship-level training at the Royal Melbourne Hospital, Victoria, Australia. He was trained by world-leading experts in the treatment of broken bones and hip replacement, particularly in the treatment of the pelvis and hip socket.

For his PhD, Professor Griffin investigated the causes of pain in musculoskeletal disease and to date he leads on the conduct of nationwide research studies and clinical trials. He is also involved in education, supervising students working towards training in orthopaedic surgery.

I am an expert witness for orthopaedic trauma, specialising in high energy injuries, polytrauma, pelvic and acetabular fractures and amputations and elective reconstruction of the hip joint.

# **EMPLOYMENT HISTORY**

## **CURRENT APPOINTMENTS**

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Chair of Trauma & Orthopaedic Academic Group, Queen Mary University of London

Honorary Professor of Orthopaedic Trauma Surgery, University of Oxford

Honorary Consultant Trauma & Orthopaedic Surgeon Royal London Hospital, Barts Health NHS Trust

Royal College of Surgeons of England Surgical Specialty Lead (Trauma) for Research

## **PREVIOUS EMPLOYMENT**

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September 2015 – July 2020

Associate Professor of Orthopaedic Trauma Surgery, University of Oxford

Honorary Consultant Trauma & Orthopaedic Surgeon Oxford University Hospitals NHS Foundation Trust

February 2012 – August 2015

NIHR Clinical Lecturer  
Warwick Medical School  
Professor ML Costa

Clinical Fellowship  
Royal Melbourne Hospital, Victoria, Australia  
Adult and Pelvic Trauma and Hip Reconstruction  
Ass Prof A Bucknill, Mr A Oppy

February 2007 – January 2012

NIHR Academic Clinical Fellow  
Warwick Medical School  
Professor DR Griffin, Professor ML Costa

August 2006 – January 2007

Senior House Officer Plastic Surgery  
Frenchay Hospital, North Bristol Trust

February 2005 – July 2006

Basic Surgical Training  
Royal United Hospital, Bath Surgery

August 2004 – January 2005

Anatomy Demonstrator  
St George's Hospital Medical School, London

February 2004 – July 2004

Senior House Officer in Accident and Emergency  
The John Radcliffe Hospital, Oxford

## EMPLOYMENT HISTORY

August 2003 – January 2004

House Officer in General Medicine  
The Royal Berkshire Hospital, Reading

February 2003 – July 2003

Platoon Commander, International Stabilisation Force, Afghanistan

August 2002 – January 2003

House Officer in General Surgery  
Northampton District General Hospital

# PUBLICATIONS & PRESENTATIONS

## PEER REVIEWED PUBLICATIONS

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**Claireaux HA, Beaumont O, Collaborators O, Griffin XL.** Open lower limb fractures in the UK trauma system: A multicentre prospective audit of current practice. *Injury*. 2021 Jan 2:S0020-1383(20)31071-8. doi: 10.1016/j.injury.2020.12.038. Online ahead of print. PMID: 33454063

**Griffin XL, Achten J, O'Connor HM, Cook JA, Costa ML; WHiTE Four Investigators.** Effect on health-related quality of life of the X-Bolt dynamic plating system versus the sliding hip screw for the fixation of trochanteric fractures of the hip in adults: the WHiTE Four randomized clinical trial. *Bone Joint J*. 2021 Jan 3:1-8. doi: 10.1302/0301-620X.103B.BJJ-2020-1404.R1. Online ahead of print. PMID: 33390029

**Lee H, Cook JA, Lamb SE, Parsons N, Keene DJ, Sims AL, Costa ML, Griffin XL.** The findings of a surgical hip fracture trial were generalisable to the UK national hip fracture database. *J Clin Epidemiol*. 2020 Dec 2:S0895-4356(20)31187-2. doi: 10.1016/j.jclinepi.2020.11.016.

**Navarre P, Gabbe BJ, Griffin XL, Russ MK, Bucknill AT, Edwards E, Esser MP.** Outcomes following operatively managed acetabular fractures in patients aged 60 years and older. *Bone Joint J*. 2020 Dec;102-B(12):1735-1742. doi: 10.1302/0301-620X.102B12.BJJ-2020-0728.R1.

**Png ME, Griffin XL, Costa ML, Achten J, Pinedo-Villanueva R.** Baseline quality of life in people with hip fracture: results from the multicentre WHiTE cohort stud. *Bone Joint Res*. 2020 Aug 19;9(8):468-476. doi: 10.1302/2046-3758.98.BJR-2019-0242.R1. eCollection 2020 Aug.

**Png ME, Griffin XL, Costa ML, Achten J, Pinedo-Villanueva R.** Utilization and costs of formal and informal care, home adaptations, and physiotherapy among older patients with hip fracture. *Bone Joint Res*. 2020 Jun 8;9(5):250-257. doi: 10.1302/2046-3758.95.

**Goh EL, Lerner RG, Achten J, Parsons N, Griffin XL, Costa PML.** Complications following hip fracture: Results from the World Hip Trauma Evaluation cohort study. *Injury*. 2020 Mar 30. pii: S0020-1383(20)30253-9. doi: 10.1016/j.injury.2020.03.031.

**Smith TO, Gilbert AW, Sreekanta A, Sahota O, Griffin XL, Cross JL, Fox C, Lamb SE.** Enhanced rehabilitation and care models for adults with dementia following hip fracture surgery. *Cochrane Database Syst Rev*. 2020 Feb 7;2:CD010569. doi: 10.1002/14651858.CD010569.pub3.

**Cehic M, Lerner RG, Achten J, Griffin XL, Prieto-Alhambra D, Costa ML.** Prescribing and adherence to bone protection medications following hip fracture in the United Kingdom: results from the World Hip Trauma Evaluation (WHiTE) cohort study. *Bone Joint J*. 2019 Nov;101-B(11):1402-1407. doi: 10.1302/0301-620X.101B11.BJJ-2019-0387.R1.

**Masters J, Metcalfe D, Parsons NR, Achten J, Griffin XL, Costa ML; WHiTE Collaborative Investigators.** Interpreting and reporting fracture classification and

## PUBLICATIONS & PRESENTATIONS

operation type in hip fracture: implications for research studies and routine national audits. *Bone Joint J.* 2019 Oct;101-B(10):1292-1299. doi: 10.1302/0301-620X.101B10.BJJ-2019-0213.R1.

**Griffin XL, Costa ML, Phelps E, Parsons N, Dritsaki M, Png ME, Achten J, Tutton E, Lerner R, McGibbon A, Baird J.** Retrograde intramedullary nail fixation compared with fixed-angle plate fixation for fracture of the distal femur: the TrAFFix feasibility RCT. *Health Technol Assess.* 2019 Sep;23(51):1-132. doi: 10.3310/hta23510.

**Lewis S, Glen J, Dawoud D, Dias S, Cobb J, Griffin XL, Rossiter N, Reed M, Sharpin C, Stansby G, Barry P.** Venous thromboembolism prophylaxis strategies for people undergoing elective total knee replacement: a systematic review and network meta-analysis. *Lancet Haematol.* 2019 Aug 20. pii: S2352-3026(19)30155-3. doi: 10.1016/S2352-3026(19)30155-3.

**Lewis S, Glen J, Dawoud D, Dias S, Cobb J, Griffin X, Reed M, Sharpin C, Stansby G, Barry P.** Venous Thromboembolism Prophylaxis Strategies for People Undergoing Elective Total Hip Replacement: A Systematic Review and Network Meta-Analysis. *Value Health.* 2019 Aug;22(8):953-969. doi: 10.1016/j.jval.2019.02.013.

**Phelps EE, Tutton E, Griffin X, Baird J; TrAFFix study co-applicants.** Facilitating trial recruitment: A qualitative study of patient and staff experiences of an orthopaedic trauma trial. *Trials.* 2019 Aug 9;20(1):492. doi: 10.1186/s13063-019-3597-8.

**Phelps EE, Tutton E, Griffin X, Baird J; TrAFFix research collaborators.** A qualitative study of patients' experience of recovery after a distal femoral fracture. *Injury.* 2019 Jul 22. pii: S0020-1383(19)30420-6. doi: 10.1016/j.injury.2019.07.021.

**Metcalf D, Costa ML, Parsons NR, Achten J, Masters J, Png ME, Lamb SE, Griffin XL.** Validation of a prospective cohort study of older adults with hip fractures. *Bone Joint J.* 2019 Jun;101-B(6):708-714. doi: 10.1302/0301-620X.

**Griffin XL, Costa ML, Phelps E, Parsons N, Dritsaki M, Achten J, Tutton E, Lerner RG, McGibbon A, Baird J; TrAFFix study collaborators.** Intramedullary nails versus distal locking plates for fracture of the distal femur: results from the Trial of Acute Femoral Fracture Fixation (TrAFFix) randomised feasibility study and process evaluation. *BMJ Open.* 2019 May 5;9(5):e026810. doi: 10.1136/bmjopen-2018-026810.

**Dawoud DM, Wonderling D, Glen J, Lewis S, Griffin XL, Hunt BJ, Stansby G, Reed M, Rossiter N, Chahal JK, Sharpin C, Barry P.** Cost-Utility Analysis of Venous Thromboembolism Prophylaxis Strategies for People Undergoing Elective Total Hip and Total Knee Replacement Surgeries in the English National Health Service. *Front Pharmacol.* 2018 Nov 27;9:1370. doi: 10.3389/fphar.2018.01370. PMID: 30564117

**Griffin XL, McBride D, Nnadi C, Reed MR, Rossiter ND.** "Don't shoot the messengers.....": The new NICE guidance for the prevention of venous thromboembolism in adults - fake news or a real opportunity? 2018 Sep;100-B(9):1136-1337. doi: 10.1302/0301-620X.100B9.BJJ-2018-0587. PMID: 30168764

**Hoskins W, Rayner J, Sheehy R, Claireaux H, Bingham R, Santos R, Bucknill A, Griffin XL** The effect of patient, fracture and surgery on outcomes of high energy neck

## PUBLICATIONS & PRESENTATIONS

of femur fractures in patients aged 15-50 2018 May 1;1120700018761154. doi: 10.1177/1120700018761154 PMID: 29734844

**Robinson BT, Metcalfe D, Cuff AV, Pidgeon TE, Hewitt KJ, Gibbs VN, Rossiter DJ, Griffin XL** Surgical techniques for autologous bone harvesting from the iliac crest in adults. Cochrane Database of Systematic Reviews 2018(4) 12 Apr 2018 DOI:10.1002/14651858.CD011783.pub2

**Sims AL, Parsons N, Achten J, Griffin XL, Costa ML, Reed MR.**

A randomized controlled trial comparing the Thompson hemiarthroplasty with the Exeter polished tapered stem and Unitrax modular head in the treatment of displaced intracapsular fractures of the hip THE WHITE 3: HEMI TRIAL. Bone Joint J. 2018 Mar 1;100-B(3):352-360. doi: 10.1302/0301-620X.100B3.BJJ-2017-0872.R2. PMID: 29589786

**Griffin XL, Achten J, Sones W, Cook J, Costa ML.** Randomised controlled trial of the sliding hip screw versus X-Bolt Dynamic Hip Plating System for the fixation of trochanteric fractures of the hip in adults: a protocol study for WHiTE 4 (WHiTE4). BMJ Open. 2018 Jan 26;8(1):e019944. doi: 10.1136/bmjopen-2017-019944. PubMed PMID: 29374679.

**Parsons N, Griffin XL, Achten J, Chesser TJ, Lamb SE, Costa ML.** Modelling and estimation of health-related quality of life after hip fracture: A re-analysis of data from a prospective cohort study. Bone Joint Res. 2018 Jan;7(1):1-5. doi: 10.1302/2046-3758.71.BJR-2017-0199. PubMed PMID: 29292297; PubMed Central PMCID: PMC5805834.

**Griffin XL, Costa ML, Achten J, Dritsaki M, Baird J, Parsons N.** Trial of Acute Femoral Fracture Fixation (TrAFFix): study protocol for a randomised controlled feasibility trial. Trials. 2017 Nov 14;18(1):538. doi: 10.1186/s13063-017-2265-0. PubMed PMID: 29137679; PubMed Central PMCID: PMC5686825.

**Hoskins W, Webb D, Bingham R, Pirpiris M, Griffin XL.** Evidence based management of intracapsular neck of femur fractures. Hip Int. 2017 Sep 19;27(5):415-424. doi: 10.5301/hipint.5000519. Epub 2017 Sep 11. PubMed PMID: 28956892.

**Perry DC, Griffin XL, Dritsaki M, Costa ML, Parsons N; , on behalf of the Bone & Joint Journal Research Methods Group\*.** Becoming confident about confidence intervals. Bone Joint J. 2017 May;99-B(5):563-565. doi:10.1302/0301-620X.99B5.BJJ-2017-0075. PubMed PMID: 28455463.

**Fernandez MA, Aquilina A, Achten J, Parsons N, Costa ML, Griffin XL.** The tip-apex distance in the X-Bolt dynamic plating system. Bone Joint Res. 2017 Apr;6(4):204-207. doi: 10.1302/2046-3758.64.BJR-2015-0016.R2. PubMed PMID: 28404548; PubMed Central PMCID: PMC5415904.

**Griffin XL, Parsons N, Achten J, Costa ML.** A randomised feasibility study comparing total hip arthroplasty with and without dual mobility acetabular component in the treatment of displaced intracapsular fractures of the proximal femur : The Warwick Hip Trauma Evaluation Two : WHiTE Two. Bone Joint J. 2016

## PUBLICATIONS & PRESENTATIONS

Nov;98-B(11):1431-1435. PMID: 27803216

**Griffin XL.** Low intensity pulsed ultrasound for fractures of the tibial shaft. *BMJ*. 2016 Oct 25;355:i5652. PMID: 27803216

**Costa ML, Griffin XL, Achten J, Metcalfe D, Judge A, Pinedo-Villanueva R, Parsons N.** World Hip Trauma Evaluation (WHiTE): framework for embedded comprehensive cohort studies. *BMJ Open*. 2016 Oct 21;6(10):e011679. PMID: 27803216

**Huxley C, Achten J, Costa ML, Griffiths F, Griffin XL.** A process evaluation of the WHiTE Two trial comparing total hip arthroplasty with and without dual mobility component in the treatment of displaced intracapsular fractures of the proximal femur: Can a trial investigating total hip arthroplasty for hip fracture be delivered in the NHS? *Bone Joint Res*. 2016 Oct;5(10):444-452. PMID: 27803216

**Hoskins W, Sheehy R, Edwards ER, Hau RC, Bucknill A, Parsons N, Griffin XL.** Nails or plates for fracture of the distal femur? data from the Victoria Orthopaedic Trauma Outcomes Registry. *Bone Joint J*. 2016 Jun;98-B(6):846-50. PMID: 27235531

**Griffin XL, Parsons N, McArthur J, Achten J, Costa ML.** The Warwick Hip Trauma Evaluation One: a randomised pilot trial comparing the X-Bolt Dynamic Hip Plating System with sliding hip screw fixation in complex extracapsular hip fractures: WHiTE (One). 2016 *Bone Joint J*. May;98-B(5):686-9. PMID: 27143742

**Perry DC, Metcalfe D, Griffin XL, Costa ML.** Inequalities in use of total hip arthroplasty for hip fracture: population based study. 2016 *BMJ*. Apr 27;353:i2021. PMID: 268489171.

**Sims AL, Parsons N, Achten J, Griffin XL, Costa ML, Reed MR.** The World Hip Trauma Evaluation Study 3: Hemiarthroplasty Evaluation by Multicentre Investigation - WHiTE 3: HEMI - An Abridged Protocol. 2016 *Bone Joint Res* Jan;5(1):18-25. PMID: 2684756728.

**Fernandez MA, Griffin XL, Costa ML.** Management of hip fracture. 2015 *Br Med Bull*. Sep;115(1):165-72 Epub 2015 Aug 26. PMID: 26311503

**Metcalfe D, Hickson CJ, McKee L, Griffin XL.** External versus internal fixation for bicondylar tibial plateau fractures: systematic review and meta-analysis. 2015 *J Orthop Traumatol*. Dec;16(4):275-85 Epub 2015 Aug 26. PMID: 26333424

**Griffin XL, Parsons N, Zbaeda MM, McArthur J.** Interventions for treating fractures of the distal femur in adults. 2015 *Cochrane Database Syst Rev*. Aug 13;8:CD010606. PMID: 26270891

**Hoskins W, Bingham R, Joseph S, Liew D, Love D, Bucknill A, Oppy A, Griffin X.** Subtrochanteric fracture: The effect of cerclage wire on fracture reduction and outcome. 2015 *Injury*. 2015 Oct;46(10):1992-5. Epub 2015 Jul 9. PMID: 26264881

## PUBLICATIONS & PRESENTATIONS

**Fernandez MA, Griffin XL, Costa ML.** Hip fracture surgery: improving the quality of the evidence base. 2015 *Bone Joint J.* Jul;97-B(7):875-9. PMID: 26130339.

**Griffin XL, Parsons N, Achten J, Fernandez M, Costa ML.** Recovery of health-related quality of life in a United Kingdom hip fracture population. The Warwick Hip Trauma Evaluation--a prospective cohort study. 2015 *Bone Joint J.* Mar;97-B(3):372-82. PMID: 25737522

**Griffiths F, Mason V, Boardman F, Dennick K, Haywood K, Achten J, Parsons N, Griffin XL, Costa M.** Evaluating recovery following hip fracture: a qualitative interview study of what is important to patients. 2015 *BMJ Open* Jan 6;5(1):e005406. PMCID: PMC4289715

**Haywood KL, Griffin XL, Achten J, Costa ML.** Developing a core outcome set for hip fracture trials. 2014 *Bone Joint J.* Aug;96-B(8):1016-23. PMID: 25086115

**Griffin XL, Haddad FS.** Evidence-based decision making at the core of orthopaedic practice. 2014 *Bone Joint J.* Aug;96-B(8):1000-1. PMID: 25086112

**Parsons N, Griffin XL, Stengel D, Carey Smith R, Perry DC, Costa ML.** Standardised effect sizes in clinical research: how to compare shoulder surgeons with hip surgeons. 2014 *Bone Joint J.* Jul;96-B(7):853-4. PMID: 24986934

**Griffin XL, Parsons N, Costa ML, Metcalfe D.** Ultrasound and shockwave therapy for acute fractures in adults. 2014 *Cochrane Database Syst Rev.* Jun 23;6: 24956457. PMID: 24956457

**Jordan RW, Smith NA, Dickenson E, Parsons H, Griffin X.** Risk factors associated with the early failure of cannulated hip screws. 2014 *Acta Orthop Belg.* Mar;80(1):34-8. PMID: 24873082

**The Targon Femoral Neck Hip Screw versus cannulated screws for internal fixation of intracapsular fractures of the hip. A randomised controlled trial.** Griffin XL, Parsons N, Achten J, Costa ML. *Bone Joint Journal* 2014 96-B:652–7. PMID: 24788501

**Outcome assessment after hip fracture: is EQ-5D the answer?** Parsons N, Griffin XL, Achten J, Costa ML. *Bone Joint Res.* 2014 Mar 19;3(3):69-75. PMCID: PMC3963508

**Intention-to-treat analyses for interventional studies.** Griffin XL, Parsons N, Smith RC, Stengel D, Costa ML. *Bone Joint J.* 2013 Nov;95-B(11):1443-4. PMID: 24151259

**The Warwick Hip Trauma Evaluation Two - An abridged protocol for the WHiTE Two Study. An embedded randomised trial comparing the Dual Mobility with polyethylene cups in hip arthroplasty for fracture.** Griffin XL, Parsons N, Achten J, Costa ML. *Bone Joint Res* 2013 2(10) 210-3. PMCID: PMC3791483

**The Warwick Hip Trauma Evaluation One - An abridged protocol for the WHiTE One Study. An embedded randomised trial comparing the X-bolt with sliding hip screw fixation in extracapsular hip fractures.** Griffin XL, McArthur J, Parsons N,

## PUBLICATIONS & PRESENTATIONS

Achten J, Costa ML. *Bone Joint Res* 2013 2(10) 206-9. PMCID: PMC3791484

**Research Fraud and the Bone and Joint Journal** Parsons N, Griffin XL, Costa ML, Stengel D, Griffin XL, Carey Smith R. *Bone Joint J* 2013 95-B(7) 866-7. PMID: 23814233

**Intention-to-treat analyses for interventional studies** Parsons N, Griffin XL, Costa ML, Stengel D, Griffin XL, Carey Smith R. *Bone Joint J* 2013 95-B(11) 1443-4. PMID: 24151259

**Platelet-rich therapy in the treatment of patients with hip fractures: a single centre, parallel group, participant blinded, randomised controlled trial.** XL Griffin, N Parsons, J Achten, ML Costa. *BMJ Open* 2013 3(6) e002583. PMCID: PMC3696873

**Research methods and The Bone & Joint Journal.** Costa ML, Stengel D, Griffin XL, Carey Smith R, Parsons N. *Bone Joint J.* 2013 Jan;95-B(1):2-3. PMID: 23307665

**The Warwick Hip Trauma Evaluation – an abridged protocol for the WHITE Study. A multiple embedded randomised controlled trial cohort study.** XL Griffin, J Achten, N Parsons, F Boardman, F Griffiths, ML Costa *Bone and Joint Research* 2012 1(11). PMCID: PMC3626204

**Platelet rich therapies for long bone healing in adults.** Griffin XL, Wallace D, Parsons N, Costa ML. *Cochrane Database Systematic Reviews.* 2012 Jul 11;7:CD009496. DOI: 10.1002/14651858.CD009496.pub2. PMID: 22786528

**Does cementing the femoral component increase the risk of peri-operative mortality for patients having arthroplasty surgery for fracture of the proximal femur? Data from the National Hip Fracture Database.** Costa ML, Griffin X, Pendleton N, Pearson M, Parsons N. *JBJS(Br)* 2011 93(10):1405-10. PMID: 21969443

**Electromagnetic field stimulation for treating delayed union or non-union of long bone fractures in adults.** XL Griffin, N Parsons, N Smith, ML Costa. *Cochrane Database of Systematic Review.* 2011 Apr 13;4:CD008471. PMID: 21491410

**Warwick Hip Trauma Study: a randomised clinical trial comparing interventions to improve outcomes in internally fixed intracapsular fractures of the proximal femur: a protocol.** XL Griffin, N Parsons, J Achten, ML Costa *BMC Musculoskeletal Disorders* 2010 11:184. PMCID: PMC2928173

**The clinical use of platelet-rich plasma in the promotion of bone healing: a systematic review.** Griffin XL, Smith CM, Costa ML. *Injury.* 2009 Feb;40(2):158-62. PMID: 19084836

**The role of low intensity pulsed ultrasound therapy in the management of acute fractures: a systematic review.** Griffin XL, Costello I, Costa ML. *J Trauma.* 2008 Dec;65(6):1446-52. PMID: 19077640

**The role of electromagnetic stimulation in the management of established non-union of long bone fractures: what is the evidence?** Griffin XL, Warner F, Costa M. *Injury.* 2008 Apr;39(4):419-29. PMID: 18321512

## PUBLICATIONS & PRESENTATIONS

**Are diagnostic peritoneal lavage or focused abdominal sonography for trauma safe screening investigations for haemodynamically stable patients following blunt abdominal trauma? A review of the literature.** Griffin XL, Pullinger R *Journal of Trauma* 2007 62(3):779-784. PMID: 17414368

**Cancellation of Elective Surgery: Any Improvement after Ten Years?** Griffin XL, Griffin DR, Berry AR, Hunter DC *Bull R Coll Surg Engl* 2006; 88:28-30

### **Invited Publications**

**Becoming confident about confidence intervals.** Perry DC, Griffin XL, Dritsaki M, Costa ML, Parsons N; on behalf of the Bone & Joint Journal Research Methods Group\*. *Bone Joint J.* 2017 May;99-B(5):563-565. doi:10.1302/0301-620X.99B5.BJJ-2017-0075. PubMed PMID: 28455463.

**The tip-apex distance in the X-Bolt dynamic plating system.** Fernandez MA, Aquilina A, Achten J, Parsons N, Costa ML, Griffin XL. *Bone Joint Res.* 2017 Apr; 6(4):204-207. doi: 10.1302/2046-3758.64.BJR-2015-0016.R2. PubMed PMID: 28404548.

**Efficacy versus effectiveness in clinical trials.** Costa ML, Griffin XL, Parsons N, Dritsaki M, Perry D. on behalf of the Bone & Joint Journal Research Methods Group\*. *Bone Joint J.* 2017 Apr; 99-B(4):419-420. doi:10.1302/0301-620X.99B4.BJJ-2016-1247. PubMed PMID: 28385928

**World Hip Trauma Evaluation (WHiTE): framework for embedded Comprehensive cohort studies.** Costa ML, Griffin XL, Achten J, Metcalfe D, Judge A, Pinedo-Villanueva R, Parsons N. *BMJ Open.* 2016 Oct 21; 6(10):e011679. Doi: 10.1136/bmjopen-2016-011679. PubMed PMID: 27797994; PubMed Central PMCID: PMC5093367.

**Designing clinical trials in trauma surgery: overcoming research barriers.** Perry DC, Griffin XL, Parsons N, Costa ML. *Bone Joint Res.* 2014 Apr 24;3(4):123-9. doi: 10.1302/2046-3758.34.2000283. Print 2014. PubMed PMID:24764547; PubMed Central PMCID: PMC4036301.

**Ultrasound and shockwave therapy for acute fractures in adults.** Griffin XL, Smith N, Parsons N, Costa ML. *Cochrane Database Syst Rev.* 2012 Feb 15 ;( 2):CD008579. doi:10.1002/14651858.CD008579.pub2. Review. Update in: *Cochrane Database Syst Rev.*2014 ;(6):CD008579. PubMed PMID: 22336847.

### **SCIENTIFIC ABSTRACT PRESENTATIONS**

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**Functional outcomes of surgically managed fractures in patients over 60 years of age** Navarre P, Gabbe B, Griffin XL, Russ M, Bucknill A, Edwards E, Esser M *2016 APOA Melbourne*

**Intra-articular fractures of the distal femur: a role for intra-medullary nails?** Stokes C, Sheehy R, Hoskins W, Bingham R, Bucknill A, Griffin XL *2016 AOA Lorne*

## PUBLICATIONS & PRESENTATIONS

**Collar or not to collar? That is the Corail question** Thillianadesan T, Britton E, Griffin XL, Lui Y, Stoney J, Bucknill A *2014 AOA Melbourne*

**A prospective case series for a new minimally invasive internal fixation device for anterior pelvic ring fractures** W Hoskins, XL Griffin, J Wong, E Britton, A Bucknill *AOA 2014 Melbourne*

**Towards a core outcome set for hip fracture trials** XL Griffin, K Haywood, J Achten, ML Costa *COMET 2013 Manchester*

**Platelet-rich therapy in the treatment of patients with fractures of the proximal femur: a single centre, parallel group, participant blinded, randomised controlled trial** XL Griffin, N Parsons, J Achten, ML Costa *BOA Congress 2013 Birmingham*

**Towards a core outcome set for hip fracture trials: A consensus statement** XL Griffin, K Haywood, J Achten, ML Costa *BOA Congress 2013 Birmingham*

**The K-screw: Stretching the envelope of the use of Poller screws** P Makrides, P Upadhyay, XL Griffin, M Krkovic *EFORT 2013 Istanbul*

**Platelet-rich plasma in the treatment of internally fixed fractures of the proximal femur: A pragmatic randomised controlled trial** XL Griffin, N Parsons, J Achten, ML Costa *EFORT 2013 Istanbul*

**Perioperative analgesic use in intramedullary nailing: a comparison of practices in the United Kingdom and Malawi** K Beckett, X Griffin, H Djafari Marbini *EFORT 2013 Istanbul*

**A retrospective cohort study of anaesthetic factors affecting outcome in lower limb arthroplasty surgery** H Djafari Marbini, C Pritchard, J Eastman, J Grievson, SR Nagpaul, XL Griffin *ESRA 2012 Bordeaux*

**A pilot randomised controlled trial of a novel fixed-angle implant in intracapsular fractures of the proximal femur.** XL Griffin, N Parsons, J Achten, ML Costa *EFORT 2012 Berlin*

**Mechanical Performance Of Poller And Blocking Screws In Distal Metaphyseal Fractures Of The Tibia.** P Upadhyay, G Pereira, XL Griffin, DR Griffin *EFORT 2011 Copenhagen*

**The use of demineralised bone matrix in the management of acute long bone fractures in the management of acute long bone fractures and non-union. What is the evidence?** Griffin XL, Chaudhry M, Costa ML, *EFORT 2009 Vienna*

**The role of low intensity pulsed ultrasound therapy in the management of acute fractures: a systematic review.** Griffin XL, Costello I, Costa ML, *EFORT 2008 Nice*

**The role of electromagnetic stimulation in the management of established non-union of long bone fractures: what is the evidence?** Griffin XL, Warner F, Costa ML, *EFORT 2008 Nice*

## **PUBLICATIONS & PRESENTATIONS**

**The use of demineralized bone matrix in the management of long bone non-union. A systematic review and meta-analysis of non-randomised evidence.** XL Griffin, M Chaudhry, J Macarthur, N Parsons, ML Costa, DR Griffin *BOTA 2012 Birmingham*

**Mechanical Performance Of Poller And Blocking Screws In Distal Metaphyseal Fractures Of The Tibia** Upadhyay P, Griffin XL, Periera G, Griffin DR, *BTS 2011 Manchester*

**Internal fixation of intracapsular fractures of the proximal femur with the Targon FN system.** Griffin XL, Blakemore M, Costa ML, *BTS 2011 Manchester*

**p57kip2 and IGFII Have a Key Role In Modelling the Mouse Glomerulus.** Griffin XL, Feguson-Smith AC. *UK Paediatric Nephrology Meeting, 1999 Great Ormond Street Hospital for Children*

### **INVITED MANUSCRIPTS & PRESENTATIONS**

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**Barriers to Phase 2B & 3 IDEAL studies. A showcase for Oxford Research.** XL Griffin *2016 IDEAL Collaboration Conference Oxford*

**Hip fracture as a barometer of care** XL Griffin *Trauma Care Conference 2016 Stafford*

**Managing fractures of the distal femur** Griffin XL *2016 Orthopaedic Trauma Society Warwick*

**Applications of the new Stryker Matta 2 Pelvic PRO System** Griffin XL *2016 Orthopaedic Trauma Society Warwick*

**WHiTE trials experience** Griffin XL *2015 Hip fracture trials: The WHiTE Studies Coventry*

**Making sense of outcomes** XL Griffin *EFORT 2013 Istanbul*

**The indications and results for internal fixation of intracapsular hip fractures in Coventry and new ideas to promote union.** XL Griffin *Orthopaedic Management of fractures in the elderly Windsor 2012*

**What is the evidence for resurfacing of the osteoarthritic hip?** ML Costa, XL Griffin, DR Griffin *2009 NHS Evidence – trauma and orthopaedics*

**Annual Evidence Update on Hip Fracture** XL Griffin *2009 NHS Evidence – emergency and urgent care 2009*

### **Books**

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**Macleod's Clinical Diagnosis** Aldridge RB, Aldridge RC, Baillie JK, Griffin XL, Hennessey I, Mitchell C, Rodrigues JCL, Urquhart LM, Waterson HB. Editors Japp & Robertson 2013 First Edition. *Churchill Livingstone|Elsevier Edinburgh*  
*ISBN: 9780702035432*

# **TEACHING & TRAINING**

## **ATLS INSTRUCTOR**

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I am an ATLS Instructor and have taught on a UK based ATLS Provider Courses.

## **ACADEMIC SUPERVISOR**

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I was supervisor for several MSc students for the University of Warwick, each of whom were successfully awarded their degree. This involved supervision of the preparation of short module coursework and more wide ranging professional projects.

I am shortly to begin supervising two PhD students at the University of Oxford. I have arranged for appropriate mentoring from the Graduate School to support my development as a doctoral student supervisor.

## **MASTERS LEVEL POSTGRADUATE AWARD**

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I have completed a postgraduate award in Medical Education at The University of Warwick.

## **ANATOMY DEMONSTRATOR**

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I have taught medical students during dissection and tutorials. I also taught a range of other health professionals in both topographical and radiological anatomy.

## **CADAVERIC SURGICAL COURSES**

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I am a course convener for a cadaveric surgical course focused on hip arthroplasty. This course is intended for all UK trainees and provides an environment and faculty where they can explore and learn the classical approaches to the hip and implantation of a range of prostheses.