



Professor Andrew D. Toms, Consultant Orthopaedic Surgeon

PUBLICATIONS: PEER REVIEW JOURNALS & INVITED ARTICLES

JOURNAL ARTICLES

Three case reports of femoral stem failure in rotating hinge revision total knee arthroplasty: Causes and surgical considerations

Sandiford N.A, Phillips J.R, Back D, Toms A.D.

Clin Orthop Surg. 2018;10:e13. English. Published online Nov 20, 2017.

3-phase Technicium-99m bone scanning in patients with pain in the hip region after cemented total hip replacement: a multicentre series of 100 cases.

Hill DS, Naim S, Powell RJ, Kinsella D, Toms AD, Howell J.

Hip Int. 2017 Nov 21:0. [Epub ahead of print]

The characterisation of unexplained pain after knee replacement.

Phillips JR, Hopwood B, Stroud R, Dieppe PA, Toms AD.

Br J Pain. 2017 Nov;11(4):203-209. Epub 2017 Jul 31.

Description of the rates, trends and surgical burden associated with revision for prosthetic joint infection following primary and revision knee replacements in England and Wales: an analysis of the National Joint Registry for England, Wales, Northern Ireland and the Isle of Man.

Lenguerrand E, Whitehouse MR, Beswick AD, Toms AD, Porter ML, Blom AW; National Joint Registry for England, Wales, Northern Ireland and the Isle of Man.

BMJ Open. 2017 Jul 10;7(7)

Management of acute periprosthetic joint infection of the knee - Algorithms for the on call surgeon.

Petretta R, Phillips J, Toms A.

Surgeon. 2017 Apr;15(2):83-92. Epub 2016 Jun 23. Review.

International consensus on the definition and classification of fibrosis of the knee joint.

Kalson NS, Borthwick LA, Mann DA, Deehan DJ, Lewis P, Mann C, Mont MA, Morgan-Jones R, Oussedik S, Williams FM, Toms A, Argenson JN, Bellemans J, Bhave A, Furnes O, Gollwitzer H, Haddad FS, Hofmann S, Krenn V.

Bone Joint J. 2016 Nov;98-B(11):1479-1488.

The early outcome of kinematic versus mechanical alignment in total knee arthroplasty: a prospective randomised control trial.

Waterson HB, Clement ND, Eyres KS, Mandalia VI, Toms AD.

Bone Joint J. 2016 Oct;98-B(10)

A study investigating short- and medium-term effects on function, bone mineral density and lean tissue mass post-total knee replacement in a Caucasian female post-menopausal population: implications for hip fracture risk.

Hopkins SJ, Toms AD, Brown M, Welsman JR, Ukoumunne OC, Knapp KM.

Osteoporos Int. 2016 Aug;27(8):2567-76. Epub 2016 Feb 26.

Allergy in total knee arthroplasty: a review of the facts.

Middleton S, Toms A.

Bone Joint J. 2016 Apr;98-B(4):437-41 Review.



Professor Andrew D. Toms, Consultant Orthopaedic Surgeon

Posterior Tibial Slope: Effect on, and Interaction with, Knee Kinematics.

Ahmad R, Patel A, Mandalia V, Toms A.

JBJS Rev. 2016 Apr 5;4(4):e31-6. No abstract available

Complications associated with opening wedge high tibial osteotomy--A review of the literature and of 15 years of experience.

Woodacre T, Ricketts M, Evans JT, Pavlou G, Schranz P, Hockings M, Toms A.

Knee. 2016 Mar;23(2):276-82. Epub 2015 Nov 17. Review

One-stage or two-stage revision surgery for prosthetic hip joint infection--the INFORM trial: a study protocol for a randomised controlled trial.

Strange S, Whitehouse MR, Beswick AD, Board T, Burston A, Burston B, Carroll FE, Dieppe P, Garfield K, Goberman-Hill R, Jones S, Kunutsor S, Lane A, Lenguerrand E, MacGowan A, Moore A, Noble S, Simon J, Stockley I, Taylor AH, Toms A, Webb J, Whittaker JP, Wilson M, Wylde V, Blom AW.

Trials. 2016 Feb 17;17:90.

A randomized controlled trial of postoperative analgesia following total knee replacement: transdermal Fentanyl patches versus patient controlled analgesia (PCA).

Hall MJ, Dixon SM, Bracey M, MacIntyre P, Powell RJ, Toms AD.

Eur J Orthop Surg Traumatol. 2015 Aug;25(6):1073-9. Epub 2015 Mar 11.

TKR without tourniquet: A laboratory study investigating the quality of the tibial cement mantle when using metaphyseal suction and cement gun

Bucher, T. Butler, M. Lee, C. Eyres, K. Mandalia, V. Toms, A.

Journal of Arthroscopy and Joint Surgery. 2015 July

Re-infection outcomes following one- and two-stage surgical revision of infected hip prosthesis in unselected patients: protocol for a systematic review and an individual participant data meta-analysis.

Kunutsor SK, Whitehouse MR, Webb J, Toms A, Stockley I, Taylor A, Jones S, Wilson M, Burston B, Board T, Whittaker JP, Blom AW, Beswick AD.

Syst Rev. 2015 Apr 25;4:58. Review.

Do you have an infection problem?

Patel A, Pavlou G, Ahmad RA, Toms A.

Bone Joint J. 2015 Sep; 97-B(9):1170-4 Review

The epidemiology of revision total knee and hip arthroplasty in England and Wales: a comparative analysis with projections for the United States. A study using the National Joint Registry dataset.

Patel A, Pavlou G, Mújica-Mota RE, Toms AD.

Bone Joint J. 2015 Aug; 97-B(8):1076-81

A randomized controlled trial of postoperative analgesia following total knee replacement: transdermal Fentanyl patches versus patient controlled analgesia (PCA).

Hall MJ, Dixon SM, Bracey M, MacIntyre P, Powell RJ, Toms AD.

Eur J Orthop Surg Traumatol. 2015 Aug; 25(6):1073-9



Professor Andrew D. Toms, Consultant Orthopaedic Surgeon

Re-infection outcomes following one- and two-stage surgical revision of infected hip prosthesis in unselected patients: protocol for a systematic review and an individual participant data meta-analysis.

Kunutsor SK, Whitehouse MR, Webb J, Toms A, Stockley I, Taylor A, Jones S, Wilson M, Burston B, Board T, Whittaker JP, Blom AW, Beswick AD.
Syst Rev. 2015 Apr; 25;4:58

The natural history of pain and neuropathic pain after knee replacement: a prospective cohort study of the point prevalence of pain and neuropathic pain to a minimum three-year follow-up.

Phillips JR, Hopwood B, Arthur C, Stroud R, Toms AD.
Bone Joint J. 2014 Sep; 96-B(9):1227-33

An aide-mémoire for tibial plateau fractures.

Thurston MD, Guyver PM, Jain NP, Toms AD.
Ann R Coll Surg Engl. 2014 Jul; 96(5)

A report of two patients with a history of Pyoderma Gangrenosum where Total Knee Replacement was performed under prophylactic immunosuppression.

D.S. Hill, S. Naim, A.M. Watts, M. Morgan, C. Bower, A.D. Toms.
Eur Orthop Traumatol (2014) 5:85–89

Screw and cement augmentation of patella defects in knee arthroplasty.

Jayasekera N, Lakdawala A, Toms AD, Eyres KS.
Ann R Coll Surg Engl. 2014 Jan; 96(1):78-9 No abstract available.

A biomechanical evaluation of hinged total knee replacement prostheses.

Long R, Gheduzzi S, Bucher TA, Toms AD, Miles AW.
Proc Inst Mech Eng H. 2013 Aug; 227(8):875-83

Impaction bone grafting for tibial defects in knee replacement surgery. Results at two years.

Naim S, Toms AD.
Acta Orthop Belg. 2013 Apr; 79(2):205-10

Evaluation of a dual-scales method to measure weight-bearing through the legs, and effects of weight-bearing inequalities on hip bone mineral density and leg lean tissue mass.

Hopkins S, Smith C, Toms A, Brown M, Welsman J, Knapp K.
J Rehabil Med. 2013 Feb; 45(2):206-10 Free Article

An Analysis of Time and Money Spent on Investigating Painful Total Knee Replacements.

A.M. Kassam, P. Dieppe, A.D. Toms.
BJMP. 2012 Oct; 5(3):526-8

Reliability of radiographic measurements of knee motion following knee arthroplasty for use in a virtual knee clinic.

Phillips A, Goubran A, Naim S, Searle D, Mandalia V, Toms A.
Ann R Coll Surg Engl. 2012 Oct; 94(7):506-12 Free PMC Article

Revision total hip and knee replacement.

Barnett AJ, Toms AD.
Clin Geriatr Med. 2012 Aug; 28(3):431-46



Professor Andrew D. Toms, Consultant Orthopaedic Surgeon

The use of radiofrequency energy for arthroscopic chondroplasty in the knee.

Kosy JD, Schranz PJ, Toms AD, Eyres KS, Mandalia VI.
Arthroscopy. 2011 May; 27(5):695-703

Periprosthetic fractures in the distal femur following total knee replacement: A review and guide to management.

Johnston AT, Tsiridis E, Eyres KS, Toms AD.
Knee. 2012 Jun; 19(3):156-62

Pyoderma Gangrenosum: A report of a rare complication after knee arthroplasty requiring muscle flap cover supplemented by negative pressure therapy and hyperbaric oxygen.

D.S. Hill, J.K. O'Neill, A.D. Toms, A.M. Watts.
J Plast Reconstr Aesthet Surg. 2011 Nov; 64(11):1528-32

The value of magnetic resonance imaging in investigating a painful total knee arthroplasty.

Kosy JD, Eyres KS, Toms AD.
J Arthroplasty. 2011 Sep; 26(6):977

Salmonella infection of a total knee replacement.

Carlile GS, Elvy J, Toms AD.
Knee. 2010 Oct; 17(5):356-8

Repair of defects and containment in revision total knee replacement: a comparative biomechanical analysis.

Toms AD, Barker RL, McClelland D, Chua L, Spencer-Jones R, Kuiper JH.
J Bone Joint Surg Br. 2009 Feb; 91(2):271-7

The management of patients with painful total knee replacement.

Toms AD, Mandalia V, Haigh R, Hopwood B.
J Bone Joint Surg Br. 2009 Feb; 91(2):143-50

The Kinematics of TKR Function.

Johnston AT, Toms AD.
TribOS. 2009; 9:6-9

The management of bone loss in revision total knee replacement.

Whittaker JP, Dharmarajan R, Toms AD.
J Bone Joint Surg Br. 2008 Aug; 90(8):981-7

Evaluation of patients with a painful total knee replacement.

Mandalia V, Eyres K, Schranz P, Toms AD.
J Bone Joint Surg Br. 2008 Mar; 90(3):265-71

Revising the Replacements.

S.W. Veitch, J.R. Howell, A.D. Toms.
Surgeons News. 2008; 7(2):24.

A technical innovation for improving identification of the trackers by the LED cameras in navigation-assisted total knee arthroplasty.

Darmanis S, Toms A, Durman R, Moore D, Eyres K.
Comput Aided Surg. 2007 Jul; 12(4):247-51.



Professor Andrew D. Toms, Consultant Orthopaedic Surgeon

Stereolithographic models for biomechanical testing.

Kakarala G, Toms AD, Kuiper JH.
Knee. 2006 Dec; 13(6):451-4

Improved outcome in femoral revision arthroplasty with tapered fluted modular titanium stems.

Garbuz DS, Toms A, Masri BA, Duncan CP.
Clin Orthop Relat Res. 2006 Dec; 453:199-202.

Reconstruction of femoral defects in revision hip surgery: risk of fracture and stem migration after impaction bone grafting.

Barker R, Takahashi T, Toms A, Gregson P, Kuiper JH.
J Bone Joint Surg Br. 2006 Jun; 88(6):832-6.

The management of peri-prosthetic infection in total joint arthroplasty.

Toms AD, Davidson D, Masri BA, Duncan CP.
J Bone Joint Surg Br. 2006 Feb; 88(2):149-55. Review. No abstract available.

An Optimally Invasive Arthroplasty Fellowship.

A.D. Toms.
British Orthopaedic News. 2006; 33:34-35.

Mechanical testing of impaction bone grafting in the tibia: initial stability and design of the stem.

Toms AD, McClelland D, Chua L, de Waal Malefijt M, Verdonschot N, Spencer Jones R, Kuiper JH.
J Bone Joint Surg Br. 2005 May; 87(5):656-63

Cutner Fellowship Report.

A.D. Toms.
Royal College of Surgeons Research Report. 2005, 14.

Metastatic bone disease--the orthopaedic workload.

Cribb GL, Toms AD, Prosser G, Thomas AP.
Ann R Coll Surg Engl. 2004 Nov; 86(6):436-8 Free PMC Article

Impaction bone-grafting in revision joint replacement surgery.

Toms AD, Barker RL, Jones RS, Kuiper JH.
J Bone Joint Surg Am. 2004 Sep; 86-A(9):2050-60. Review.

Percutaneous plating of distal tibial fractures.

Maffulli N, Toms AD, McMurtie A, Oliva F.
Int Orthop. 2004 Jun; 28(3):159-62 Free PMC Article

Isolated Chondral Injuries of the Knee.

A. Kocheta, A.D. Toms.
Current Orthopaedics. 2004;18:154-163.

The current management of tibial fractures: are clinical guidelines effective?

Toms AD, Green AL, Giles S, Thomas PB.
Ann R Coll Surg Engl. 2003 Nov; 85(6):413-6 Free PMC Article



Professor Andrew D. Toms, Consultant Orthopaedic Surgeon

The evidence base on the orthopaedic NICE report.

Toms AD, Isbister ES.

Hosp Med. 2003 Oct; 64(10):572-3. No abstract available.

Analysis of the Leeds-Keio ligament for extensor mechanism repair: favourable mechanical and functional outcome.

Toms AD, Smith A, White SH.

Knee. 2003 Jun; 10(2):131-4.

Infective lumbar discitis following laparoscopic sacrocolpopexy.

Kapoor B, Toms A, Hooper P, Fraser AM, Cox CW.

J R Coll Surg Edinb. 2002 Oct; 47(5):709-10

Intramedullary femoral nailing: removing the nail improves subjective outcome.

Toms AD, Morgan-Jones RL, Spencer-Jones R.

Injury. 2002 Apr; 33(3):247-9.

Trauma and orthopaedic training in the United Kingdom.

Toms AD, McClelland D, Maffulli N.

J Bone Joint Surg Am. 2002 Mar; 84-A(3):501-3. Review. No abstract available.

NICE Hips – Shame about the conclusions.

A.D. Toms, G. Prosser, M. Jiggins, E.S. Isbister.

Hip International. 2002; 12(3):334-337.

Mountain biking injuries in rural England.

Jeys LM, Cribb G, Toms AD, Hay SM.

Br J Sports Med. 2001 Jun; 35(3):197-9 Free PMC Article

The use of the cystoscope in revision hip arthroplasty.

Toms AD, Leese N, Gregson PA, McGeoch C.

J Arthroplasty. 2001 Jun;16(4):543-4. No abstract available.

Obturator dislocation of the hip.

Toms AD, Williams S, White SH.

J Bone Joint Surg Br. 2001 Jan;83(1):113-5. Free Article

Integrated Care Pathways – Success or Failure ?

G. Prosser, A.D. Toms, E.S. Isbister.

J R Coll Surg Edin. 2001; 46(6):362.

The Dangers of Cycling.

L. Jeys, G.L. Cribb, A.D. Toms, S.M. Hay.

BMJ. 2001; 322:1065. (Letter)

Foot abscess and diabetic ketoacidosis - an initial presentation of diabetes.

A.D. Toms, S. Heke, E.S. Isbister.

Oswestry Yearbook of Orthopaedics. 2000.



Professor Andrew D. Toms, Consultant Orthopaedic Surgeon

Anterior Glenohumeral Instability, the results of arthroscopic repair.
A.D. Toms, A. Pimplerker, S. Chugh, A.P. Thomas.
Oswestry Yearbook of Orthopaedics. 2000.

The Management of Hip Dislocation.
A.D. Toms.
Oswestry Yearbook of Orthopaedics. 1999.

Fiji medical review.
N.C. Saunders, A.D. Toms.
Queens Medical Magazine - August 1992.

Review of day hospitals and day care.
A.D. Toms.
Journal West Midlands Institute of Medicine. - No. 15:1991.

INVITED ARTICLES

Rationing of Orthopaedic Surgery in the UK
L. Dodd, I.T. Sharpe, V.I. Mandalia, A.D. Toms, J.R.A. Phillips.
Bone & Joint 360. (Accepted).

TKR registry review
J.R.A. Phillips, H.B. Waterson, D.J. Searle, V.I. Mandalia, A.D. Toms.
Bone & Joint 360. June 2014. 3(3);2-8.

Thou shalt not varus: still applicable in total knee arthroplasty?
H.B. Waterson, J.R.A. Phillips, V.I. Mandalia, A.D. Toms.
Bone & Joint 360. June 2014. 3(3);9-13.

Revision Total Hip and Knee Replacement
A. Barnett, A.D. Toms.
Clinics in Geriatric Medicine. 2012 Aug; 28(3);431-446.

The Kinematics of TKR Function.
A.T. Johnston, A.D. Toms.
Tribos. 2009; 9:6-9.

Optimally invasive exposure in revision total hip arthroplasty: a guide to selection and technique.
Toms A, Greidanus N, Garbuz D, Masri BA, Duncan CP
Instructional Course Lectures. AAOS. 2006; 55:245-255.

Minimally invasive or limited incision hip replacement: clarification and classification.
Duncan CP, Toms A, Masri BA
Instructional Course Lectures. AAOS. 2006;55:199-203.

Minimally invasive or limited incision hip replacement: clarification and classification.
Duncan CP, Toms A, Masri BA
Instructional Course Lectures. AAOS. 2006; 55:195-197.



Professor Andrew D. Toms, Consultant Orthopaedic Surgeon

Impaction bone-grafting in revision joint replacement surgery.

Toms AD, Barker RL, Jones RS, Kuiper JH.
JBJS. 2004; 86-A(9):2050-60.

The evidence base on the orthopaedic NICE report.

Toms AD, Isbister ES.
Hosp Med. 2003 Oct; 64(10):572-3. No abstract available
(International Journal of Evidence Based Medicine)

Impaction Grafting of Bone Defects in Revision Total Knee Arthroplasty.

W.M. Goldstein, A.D. Toms.
Techniques in Knee Surgery. 2004;3(2):110-6.