

Medicolegal Curriculum Vitae

Mr P.A.G Torrie

**MB ChB, MRCS (Eng), PGCertMedEd, FRCS (Tr & Orth),
MD (Anatomical Sciences)**

Consultant Orthopaedic and Spinal Surgeon

Gloucestershire NHS Foundation Trust

Nuffield Hospital Cheltenham

Winfield Hospital Gloucester

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Contents

| | |
|---|---|
| Contents | 2 |
| Contact Details for Enquires / Appointments | 2 |
| Consultation by Appointment..... | 3 |
| Education & Qualifications | 3 |
| Fellowship | 4 |
| Specialist Society Memberships | 4 |
| Journal and Research Positions | 4 |
| Medicolegal Experience..... | 4 |
| Publications | 5 |
| Book Chapters | 7 |
| Published Abstracts | 7 |
| MD Research Project..... | 9 |

Contact Details for Enquires / Appointments

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|-----------------|---|---|
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| Date of Birth | 07 April 1981 | |
| Nationality | British | |
| GMC | 6102978 | |
| NTN | SEV/024/013/C | |
| CCT Date | 27 January 2017 | |
| Indemnity | Themis Clinical Defence – Policy 102738 | |

Consultation by Appointment

1. **Winfield Hospital**
Tewkesbury Road
Longford
Gloucester
GL2 9EE

2. **Nuffield Hospital**
Hatherley Lane
Cheltenham
GL51 6SY

3. **Linton House / Cobalt Unit**
Thirlestaine Road
Cheltenham
GL53 7AS

Education & Qualifications

| | | |
|--------------|--|-------------|
| School | Radley College, Oxfordshire | 1994-1999 |
| University | University of Bristol, Bristol | 1999 – 2004 |
| Postgraduate | University of Bristol | |
| | <ul style="list-style-type: none"> • MD Anatomical Science - Degenerative Lumbar Scoliosis | May 2017 |
| | University of Dundee | |
| | <ul style="list-style-type: none"> • Postgraduate Certificate Medical Education | Oct 2010 |
| | Royal College of Surgeons of England | |
| | <ul style="list-style-type: none"> • MRCS | June 2008 |
| | <ul style="list-style-type: none"> • FRCS (Trauma & Orthopaedic Surgery) | Nov 2015 |
| | CCT - Trauma & Orthopaedic Surgery | Jan 2017 |

Fellowship

- **Complex Cervical Spine Fellowship** **Feb – Aug 2017**
Department of Neurosurgery,
Southmead Hospital, Bristol

Specialist Society Memberships

Royal College of Surgeons of England

British Orthopaedic Association

British Association of Spinal Surgeons

Journal and Research Positions

| | |
|--|----------|
| Bone and Joint Journal | Reviewer |
| European Spine Journal | Reviewer |
| Annals of the Royal College of Surgeons of England | Reviewer |

Medicolegal Experience

- **Medico-Legal Essentials Course – Specialist Info**
Virtual, Sept 2020
- **35 medical reports since July 2022 including both personal injury and medical negligence (90% defence and 10% claimant)**
- **Only spinal subspecialty work accepted including both claimant and defence**
- **Areas of interest:**
 - Injury to all areas of the adult vertebral column (extra-dural)**
 - Degenerative spinal conditions**
 - Spinal Infection**
 - Post-operative spinal surgical complications**
 - Potential medical negligence cases involving all conditions affecting the adult spine**

Publications

1. Clinical Frailty Score (CFS): A useful tool in predicting outcomes in patients with fragility fractures.
R Brown, S Gatfield, M Rogers, N Peter, **PAG Torrie**
Trauma 2022;8:1-18
2. A Comparison of Cobb Angle Measurement on Digitised Radiographs using a Computer Pointing Device (Mouse): without endplate extrapolation versus with Endplate Extrapolation.
N Kumar, **PAG Torrie**, D Thomas, HL Kerr, IJ Harding
Int. J. of Orth 2021;5(3)1-5.
3. Reduction of Deep Infections and Length of Stay in Paediatric Spinal Deformity Surgery After the Introduction of A Standardised Care Pathway.
DC Lavelle, IJ Harding, MJ Hutchinson, M Katsimihias, SAC Morris, **PAG Torrie**, J Sacree, IW Nelson
Int. J. of Orth 2018;5(3)1-5.
4. The Relationship between Sacral Kyphosis and Pelvic Incidence.
G McKay, **PAG Torrie**, G Dempster, W Bertram, IJ Harding
Asian Spine J 2018;12(1)1-6.
5. Equalisation of leg lengths in total hip arthroplasty for patients with Crowe type-IV development dysplasia of the hip.
J Berstock, **PAG Torrie**, M Whitehouse
Annals of Joint 2018;3:1-3.
6. Myelography in the Assessment of Degenerative Lumbar Scoliosis and its influence on surgical management.
G McKay, **PAG Torrie**, W Bertram, PR Landham, SAC Morris, MJ Hutchinson, R Watura, IJ Harding
Korean Journal of Spine 2017;14(4):133-38.
7. Basic Science of Spinal Degeneration.
PAG Torrie, MA Adams
Surgery 2015;33(6):233-37.
8. The influence of lumbar spinal subtype on lumbar intervertebral disc degeneration in young and middle-aged adults.
PAG Torrie, G McKay, R Bryne, SAC Morris, IJ Harding
Spine Deformity 2015;3:172-9.
9. Risk factors for the development of a mobile degenerative spondylolisthesis at L4/5.
S. Granuum, **PAG Torrie**, A Miller, IJ Harding
Spine Deformity 2015;3:98-104.
10. A technical note to improve surgical access, when fixing proximal humeral fractures with the AxSOS lateral proximal humeral plate TM (Stryker).
PAG Torrie, R Purcell, DA Woods
Techniques in Orthopaedics 2014;29(3)11-12.

11. Stem compatibility for cement-in-cement femoral revision: an in vitro study.
JR Berstock, **PAG Torrie**, JRA Smith, JC Webb, RP Baker
Hip International 2014; 24(5):434-41.
12. An unreported complication occurring directly attributable to tension band fixation of the patella.
PAG Torrie, JRA Smith, M Kelly
British Journal of Medical Practitioners 2014;7(1):a703.
13. The prognostic value of the admission inflammatory marker levels on isolating a causative organism in patients with spontaneous spinal infection.
PAG Torrie, A Leonidou, IJ Harding, MJ Hutchinson, IW Nelson
Annals Royal College of Surgeons England 2013;95(8):604-8.
14. A radiological evaluation of lateral vertebral subluxation associated with spinal stenosis in the lumbar spine in degenerative scoliosis.
R Gardner, **PAG Torrie**, W Bertram, RP Baker, IJ Harding.
Spine Deformity 2013;1:365-70.
15. Publish or perish – How to avoid perishing.
PAG Torrie, JR Berstock, EBS Hayward, GC Bannister.
Medical Teacher 2013;35(3):260.
16. A useful technique for the removal of cannulated screws lost due to bony in-growth.
PAG Torrie, CB Jones.
Techniques in Orthopaedics 2012;27(3)225.
17. Publish or perish – How to avoid perishing? An analysis of factors affecting peer-reviewed publication
PAG Torrie, JR Berstock, EBS Hayward, GC Bannister.
Medical Education World 2012;1:1-10.
18. The Squelching Hip: a sign of life-threatening sepsis following haemorrhoidectomy.
JR Berstock, J Bunni, **PAG Torrie**.
Annals Royal College of Surgeons England 2010;92(5):39-41.
19. Flexor Tendon Injuries.
PAG Torrie, N Atwal, M Sheriff, A Cowey.
Orthopaedics and Trauma 2010;24:217-225.

Book Chapters

- **PAG Torrie**, EPH Torrie. (2012) Vertebral Augmentation - Orthogeriatrics.
Oxford Desk Reference Geriatric Medicine.
Oxford University Press
- **PAG Torrie**, JJ Earnshaw. (2012) Distal embolization of part of an Angio-Seal vascular closure device.
Complications in Vascular and Endovascular Surgery.

Published Abstracts

1. The influence of preoperative Computed Tomography (CT) on surgical planning for Tibial Plateau fractures during Covid-19.
T Fleming, **PAG Torrie**, T Murphy, A Dodds, D Engelke, C Curwen, H Gosal J Pegrum
Bone Joint Journal 2022;104-B:Supp 7
2. The role of oblique spinous process abutment in the pathogenesis of degenerative lumbar scoliosis: an in vitro study.
PAG Torrie, IJ Harding, MJ Hutchinson, IW Nelson, MA Adams, P Dolan.
Bone Joint Journal 2015;97-B:Supp 7 16.
3. Stem compatibility for cement-in-cement femoral revision: an in vitro study.
JR Berstock, **PAG Torrie**, JR Smith, JC Webb, RP Baker.
Bone Joint Journal 2015;97-B:Supp 7 18.
4. The role of oblique spinous process abutment in the pathogenesis of degenerative lumbar scoliosis: an in vitro study.
PAG Torrie, IJ Harding, MJ Hutchinson, IW Nelson, MA Adams, P Dolan.
The Spine Journal 2015;15(3):S61.
5. The role of oblique of lumbosacral transitional vertebrae in the pathogenesis of degenerative lumbar scoliosis: an in vitro study.
PAG Torrie, IJ Harding, MJ Hutchinson, IW Nelson, MA Adams, P Dolan.
The Spine Journal 2015;15(3):S67.
6. The role of the pelvic parameters and the lumbar spine subtype in the aetiology of degenerative scoliosis.
PAG Torrie, R Purcell, SAC Morris, IJ Harding, P Dolan, MA Adams, IW Nelson, MJ Hutchinson.
European Spine Journal 2014;23(Suppl 1):S122.
7. The role of oblique (type 4) spinous process abutment in the aetiology of degenerative lumbar scoliosis.
PAG Torrie, R Purcell, SAC Morris, IJ Harding, P Dolan, MA Adams, IW Nelson, MJ Hutchinson.
European Spine Journal 2014;23(Suppl 1):S123.

8. The influence of lumbar spine subtype on lumbar intervertebral disc degeneration in young and middle-aged adults.
PAG Torrie, G McKay, R Byrne, SAC Morris, IJ Harding.
European Spine Journal 2014;23(Suppl 1):S131.
9. A Validated CT based classification of lumbosacral segment abnormalities.
A Miller, M Stenning, **PAG Torrie**, A Isaac, J Hutchinson, MJ Hutchinson.
Clinical Anatomy 2014;27(2):262-273.
10. Reducing deep infections following paediatric spinal deformity surgery.
D Lavelle, SAC Morris, **PAG Torrie**, M Katsimihias, MJ Hutchinson, IJ Harding, IW Nelson.
Bone Joint Journal 2014;96-B(Suppl 6):28.
11. The role of lumbar spine subtype and pelvic incidence in aetiology of degenerative scoliosis.
PAG Torrie, R Purcell, SAC Morris, IJ Harding, P Dolan, MA Adams, IW Nelson, MJ Hutchinson.
Bone Joint Journal 2014;96-B(Suppl 6):11.
12. The significance of the initial inflammatory marker levels on isolating a causative organism in patients with pyogenic spinal infection.
PAG Torrie, M Stenning, G Wynne-Jones, MJ Hutchinson, IW Nelson.
Bone Joint Journal 2013;95-B(Suppl 1):183.
13. The management of paediatric cases of spondylolysis and spondylolisthesis – The experience of a tertiary referral centre.
PAG Torrie, K Antonis, P Lepetsos, A Leonidou, I Flieger, E Tsiridis, O Leonidou.
European Spine Journal 2012;21(Suppl 2):S230-68.
14. The significance of the initial inflammatory marker levels on isolating a causative organism in patients with pyogenic spinal infection.
PAG Torrie, M Stenning, G Wynne-Jones, MJ Hutchinson, IW Nelson.
European Spine Journal 2012;21(Suppl 2):S230-68.
15. Publish or perish – How to avoid perishing.
PAG Torrie, JR Berstock, EBS Hayward, GC Bannister.
International Journal of Surgery 2012;10(8):S5.
16. The fate of symphysis pubis plating in anterior pelvic ring plating.
SAC Morris, J Loveridge, **PAG Torrie**, D Smart, RP Baker, A Ward, TJ Chesser.
Journal Bone Joint Surgery Br 2012;94-B:46.
17. Spinous process morphology and its relationship to the sagittal alignment in the degenerate spine.
PAG Torrie, M Stenning, JR Hutchinson, CE Aylott, MJ Hutchinson.
Journal Bone Joint Surgery Br 2012;94-B(Suppl 31):33.
18. Validation of a CT based classification of lumbosacral segment abnormalities.
M Stenning, A Isaac, **PAG Torrie**, J Hutchinson, MJ Hutchinson.
Journal Bone Joint Surgery Br 2012;94-B(Suppl 31):9.

19. The fate of symphysis pubis plate fixation in anterior pelvic ring injuries.
SAC Morris, J Loveridge, **PAG Torrie**, D Smart, RP Baker, AJ Ward, TJ Chesser.
Journal Bone Joint Surgery Br 2012;94-B(Supp 19):10.
20. The use of symphysis pubis plating in stabilizing anterior pelvic ring injuries.
SAC Morris, J Loveridge, D Smart, RP Baker, A Odutola, **PAG Torrie**, AJ Ward, TJ Chesser.
Journal Bone Joint Surgery Br 2012;94-B(Supp 29):70.
21. Validation of a CT based classification of lumbosacral segment abnormalities.
MJ Stenning, A Isaac, **PAG Torrie**, J Hutchinson, MJ Hutchinson.
European Spine Journal 2011;20(Suppl 4):S421-64.
22. A comparison of sliding hip screw and cannulated screw fixation in the treatment of displaced intracapsular hip fractures in patients over 70 years.
A McGrath, S Iain, K Katevu, **PAG Torrie**.
Journal Bone Joint Surgery Br 2010;92-B:553.
23. The use of digitized radiographs in determining the consistency of the AO and Neer classification of fractures of the proximal humerus.
A McGrath, W Bartlett, N Kalson, k Katevu, R Lee, I McFayden, M Sewell, **PAG Torrie**.
Journal Bone Joint Surgery Br 2012;92-B:554.

MD Research Project

Degenerative lumbar scoliosis: the role of neural arch asymmetry and lumbosacral transitional vertebrae 2012 - 2016

- This includes a radiological case-control study and a biomechanical experiment. The radiological study assessed the prevalence of spinous process abutment and lumbosacral transitional vertebrae in patients with degenerative lumbar scoliosis. The biomechanical experiment involved simulation of these anomalies in cadaveric spines and the assessment of their effects on coronal and rotation deformation under load.
- **MD degree by thesis at the University of Bristol**, MD corrections completed and accepted by university in May 2017, supervised by Dr Patricia Dolan and Prof Michael Adams
- **Examiners – Mr Michael Whitehouse, Prof Jeremy Fairbank**
- Awarded research grant by the Biedermann Institute, Germany (2012/2013)