

Curriculum Vitae - Matthew J. Boyle

B.Sc. B.H.B. M.B.Ch.B. F.R.A.C.S.

August 25th 2015

PRACTICE INFORMATION

Public Practice: Orthopaedic Surgeon
Starship Children's Hospital
Private Bag 92024, Auckland 1142
Phone: +64 9 307 4949 ext 22534
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Private Practice: Orthopaedic Surgeon
Auckland Bone and Joint Surgery
PO Box 302 145, North Harbour Mail Centre 0751
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EDUCATION/QUALIFICATIONS

2012 Royal Australasian College of Surgeons
Orthopaedic Surgery Fellowship Examination

2009 - 2010 ECFMG Certification – Eligibility for licensure in United States
USMLE examinations

Step 1	May 2009	Score: 90 (217)
Step 2 CK	July 2009	Score: 96 (233)
Step 2 CS	Aug 2009	Pass
Step 3	May 2010	Score: 94 (233)

2009 Royal Australasian College of Surgeons - SET Orthopaedics Trainee
RACS Orthopaedic Principles and Basic Sciences Examination

2007 Royal Australasian College of Surgeons - BST Trainee
RACS Surgical Sciences Examination

2000 – 2004 The University of Auckland Medical School, New Zealand

M.B.Ch.B. Dec 2004: 'A' average

B.H.B. Dec 2001: 'A+' average

1997 – 1999

The University of Auckland Faculty of Science, New Zealand

B.Sc. (Double Major: Physiology/Genetics) Dec 1999: 'A+' average

1993 – 1996

Rangitoto College (High School), Auckland, New Zealand

'A' Bursary

POST GRADUATE EDUCATION

Year	Hospital	Position	Supervising Surgeons	Duration
2014 - 2015	Boston Children's Hospital Boston, MA, USA	Clinical Fellow Paediatric Orthopaedic Surgery	Dr Young-Jo Kim Dr Michael Millis Dr James Kasser Dr Peter Waters	12 months
2013 - 2014	Duke University Medical Center Durham, NC, USA	Clinical Fellow Orthopaedic Sports Medicine	Dr Dean Taylor Dr William Garrett Dr Alison Toth Dr Claude Moorman	12 months
2013	Unisports Sports Medicine Centre Auckland, NZ	Clinical Fellow Orthopaedic Sports Medicine	Mr Barry Tietjens Mr Stewart Walsh Mr Bruce Twaddle Mr Michael Rosenfeldt	6 months
2012	Starship Children's Hospital Auckland, NZ	Senior Registrar (SET 5) Orthopaedics	Mr Haemish Crawford Mr Stewart Walsh Mr John Ferguson	6 months
	North Shore Hospital Auckland, NZ	Senior Registrar (SET 5) Orthopaedics	Mr Matthew Walker Mr Tony Danesh-Clough Mr Ali Bayan	6 months
2011	Auckland Hospital Auckland, NZ	Senior Registrar (SET 4) Orthopaedics	Mr Craig Ball Mr Simon Mills Mr Duncan Ferguson	6 months
	Middlemore Hospital Auckland, NZ	Senior Registrar (SET 4) Orthopaedics	Mr Mark Clatworthy Mr Adam Dalglish Mr Brendan Coleman	6 months
2010	Tauranga Hospital Tauranga, NZ	Senior Registrar (SET 3) Orthopaedics	Mr Richard Morbey Mr Aaron Cook	12 months

			Mr Dawson Muir Mr Andrew Stokes	
2009	Southland Hospital Invercargill, NZ	Senior Registrar (SET 2) Orthopaedics	Mr Murray Fosbender Mr Russell Fowler Dr Charles Leuker Dr Gregory Kassel	12 months
2008	Starship Children's Hospital & Middlemore Hospital Auckland, NZ	Registrar Orthopaedics	Mr Haemish Crawford Mr John Ferguson Mr Kevin Karpik Mr Paul Eaton	12 months
2007	Auckland Hospital & Middlemore Hospital Auckland, NZ	Registrar Orthopaedics	Mr Andrew Campbell Mr Hugh Blackley Mr Mark Clatworthy	12 months
2006	Auckland Hospital & Tauranga Hospital, NZ	Senior House Officer		12 months
2005	North Shore Hospital Auckland, NZ	House Officer		12 months

PROFESSIONAL SOCIETY MEMBERSHIPS

New Zealand Orthopaedic Association

New Zealand Knee and Sports Surgery Society

Paediatric Orthopaedic Society of New Zealand

Royal Australasian College of Surgeons

American Academy of Orthopaedic Surgeons

American Orthopaedic Society for Sports Medicine

Pediatric Orthopaedic Society of North America

PRIZES AND AWARDS

Feagin Leadership Scholar, 2014

Duke University Medical Center, Durham, NC, USA

American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, 2014

"Game Changer Award" – Selected as one of the fifteen most clinically impactful studies.

For study "Does syndesmosis screw removal affect patient outcomes: a prospective, randomized, controlled trial."

Royal Australasian College of Surgeons' Travelling Fellowship, 2013

New Zealand Orthopaedic Association Annual Scientific Meeting, 2012

- President's Prize for Best Orthopaedic Resident in New Zealand
- NZOA Research Prize for Best Research by an Orthopaedic Resident

Auckland District Health Board Young Investigator of the Year Award, 2012

For study "Does ankle syndesmosis screw removal affect early patient outcomes? A prospective, randomised, controlled trial."

American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, 2012

"The Best of the AAOS 2012" – Pediatrics

For study "Outcomes of total hip arthroplasty following pediatric hip disease: what can patients expect."

New Zealand National Orthopaedic Training Weekend, 2011

Prize for Best Orthopaedic Resident

Waitemata District Health Board Awards for Clinical Excellence, 2005

Orion Systems International Award, Best Poster Presentation

For study "Prescribing oxygen therapy. An audit of prescribing practices on medical wards at North Shore Hospital, Auckland, New Zealand."

Senior Prize B.H.B. 2001

The University of Auckland Medical School, Auckland

Top Student Prize Developmental Biology and Cancer, B.Sc. 1999

The University of Auckland Faculty of Science, Auckland

Top Student Prize Genetics, B.Sc. 1998

The University of Auckland Faculty of Science, Auckland

NATIONAL SERVICE

Royal Australasian College of Surgeons, New Zealand National Board

Trainee Representative for all surgical specialties: 2009 - 2012

Royal Australasian College of Surgeons Trainee's Association

New Zealand Orthopaedic Trainee Representative: 2009 - 2012

New Zealand Orthopaedic Association

Trainee Representative: 2009 - 2012

New Zealand Medical Council

Education Committee Member: 2006-2008

New Zealand Medical Education and Training Working Group Member: 2007-2008

RESEARCH GRANT SUPPORT

New Zealand Wishbone Trust Grant, 2011 - \$5000 (Complete)

For: **Boyle MJ**, Coleman B. "Should ankle syndesmosis screws be removed? A randomised controlled trial."

PEER-REVIEWED PUBLICATIONS

Boyle MJ, Hogue GD, Kasser JR. Surgical reconstruction of metatarsal type preaxial polydactyly using an amalgamating osteotomy. *Journal of Pediatric Orthopaedics*. 2015 Aug 20. [Epub ahead of print]

Boyle MJ, Vovos TJ, Walker CG, Stabile KJ, Roth JM, Garrett WE Jr. Does adjustable-loop femoral cortical suspension loosen after anterior cruciate ligament reconstruction? A retrospective comparative study. *Knee*. 2015 May 18. [Epub ahead of print]

Mistry R, Lennon D, **Boyle MJ**, Chivers K, Frampton C, Nicholson R, Crawford H. Septic arthritis and acute rheumatic fever in children: the diagnostic value of serological inflammatory markers. *Journal of Pediatric Orthopaedics*. 2015 Apr-May;35(3):318-22.

Boyle MJ, Butler RJ, Queen RM. Functional movement competency and dynamic balance after anterior cruciate ligament reconstruction in adolescent patients. *Journal of Pediatric Orthopaedics*. 2015 Jan 28. [Epub ahead of print]

Boyle MJ, Gao R, Frampton CM, Coleman B. Removal of the syndesmotomic screw after the surgical treatment of a fracture of the ankle in adult patients does not affect one-year outcomes: a randomised controlled trial. *The Bone and Joint Journal*. 2014 Dec;96-B:1699-1705.

Walsh SJ, Twaddle BC, Rosenfeldt MP, **Boyle MJ**. Arthroscopic treatment of anterior ankle impingement: a prospective study of 46 patients with five-year follow-up. *The American Journal of Sports Medicine*. 2014 Nov;42(11):2722-2726.

Neumann JA, **Boyle MJ**, Reay KD, Lee J, Coleman B, Dalgleish AJ. Subcoracoid dislocation of the distal clavicle: a case report with eight-year follow-up. *Injury Extra*. 2014 Aug;45(8):58-61.

Boyle MJ, Singleton N, Frampton CM, Muir D. Functional response to total hip arthroplasty in patients with hip dysplasia. *ANZ Journal of Surgery*. 2013 Jul;83(7-8):554-8.

Boyle MJ, Yassaie O, Grieve PP, Frampton CMA. Reliability of two-dimensional computed tomography for measuring hip anatomy. *Journal of Orthopaedic Surgery*. 2013 April;21(1):28-31.

Boyle MJ, Misur P, Youn S, Ball CM. The superomedial bare area of the costal scapula surface: a possible cause of snapping scapula syndrome. *Surgical and Radiologic Anatomy*. 2013 Mar;35:95-8.

Boyle MJ, Youn S, Frampton C, Ball CM. Functional outcomes of reverse shoulder arthroplasty compared to hemiarthroplasty for acute proximal humerus fractures. *Journal of Shoulder and Elbow Surgery*. 2013 Jan;22(1):32-7.

Boyle MJ, Frampton CM, Crawford HA. Early results of total hip arthroplasty in patients with slipped upper femoral epiphysis compared to patients with osteoarthritis. *Journal of Arthroplasty*. 2012 Jun;27(6):1003-7.

Boyle MJ, Frampton CM, Crawford HA. Early results of total hip arthroplasty in patients with developmental dysplasia of the hip compared with patients with osteoarthritis. *Journal of Arthroplasty*. 2012 Mar;27(3):386-90.

Boyle MJ, Dawe CJ. Avulsion fracture of the tibial tuberosity with associated proximal patellar ligament avulsion. A case report and literature review. *Injury Extra*. 2011 Feb;42(2):22-24.

Boyle MJ, Walker CG, Crawford HA. The paediatric Bohler's angle and crucial angle of Gissane. *The Journal of Orthopaedic Surgery and Research*. 2011 Jan;6(1):2.

Walsh SJ, **Boyle MJ**, Morganti V. Large osteochondral fractures of the lateral femoral condyle in the adolescent. Outcome of bioabsorbable pin fixation. *The Journal of Bone and Joint Surgery (Am)*. 2008 July;90(7):1473-8.

Boyle MJ, Sibal AK, Ruygrok PN, Edwards M, Alison P. Hybrid management of an unusual presentation of acute ischaemic ventricular septal defect. *The New Zealand Medical Journal*. 2008 Nov;121(1285):119-22.

Boyle MJ, Alison P, Taylor G, Lightbourne BA. A case of Gorham's disease complicated by bilateral chylothorax. *Heart, Lung and Circulation*. 2008 Feb;17(1):64-6.

Boyle MJ, Wong J. Prescribing oxygen therapy. An audit of oxygen prescribing practices on medical wards at North Shore Hospital, Auckland, New Zealand. *The New Zealand Medical Journal*. 2006 Jul;119(1238):U2080.

PUBLISHED BOOK CHAPTERS

Boyle MJ, Taylor DC. What is new in knee surgery? In: Rossi R, Margheritini F, eds. *Knee ligament injuries: extraarticular surgical techniques*. Springer 2014; ISBN 978-88-470-5512-4: 1-4.

PRESENTATIONS/PUBLISHED ABSTRACTS

American Academy of Pediatrics National Conference & Exhibition, October 2015, Washington, DC, USA

- "Is radiographic femoroacetabular impingement common in the contralateral hip of patients presenting with unilateral slipped upper femoral epiphysis?" **Boyle MJ**, Yeng Y, Kim Y, Millis MB (Presenter).
- "Femoral neck stress fractures in children less than ten years of age." (Poster) **Boyle MJ**, Hogue GD, Heyworth BE, Yeng Y.

International Society for Hip Arthroscopy Annual Meeting, September 2015, Cambridge, England

- "Full-thickness labral tears and developmental hip dysplasia: periacetabular osteotomy alone compared to combined periacetabular osteotomy and arthroscopy or arthrotomy." (Poster) **Boyle MJ**, Murphy R, Millis MB, Kim Y, Yeng Y.

Royal Australasian College of Surgeons' New Zealand Annual Scientific Meeting, August 2015, Queenstown, New Zealand

- “Is routine syndesmotic screw removal required in adult ankle fracture patients. A randomised controlled trial.” (Louis Barnett Prize Finalist) **Boyle MJ** (Presenter), Gao R, Frampton CM, Coleman B.

International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Biennial Congress, June 2015, Lyon, France

- “Does Adjustable-Length Loop Femoral Cortical Suspension Loosen After Anterior Cruciate Ligament Reconstruction? A Retrospective Comparative Study”. **Boyle MJ**, Stabile KJ (Presenter), Vovos TJ, Walker CG, Roth JM, Garrett WE.
- “Is Functional Movement Recovery Nine Months After Anterior Cruciate Ligament Reconstruction In Adolescent Patients Adequate For A Safe Return To Sport?” **Boyle MJ**, Stabile KJ (Presenter), Butler RJ, Queen RM.

American Academy of Orthopaedic Surgeons’ Annual Meeting, March 2015, Las Vegas, Nevada, USA

- “Does adjustable-loop cortical suspension loosen after anterior cruciate ligament reconstruction?” **Boyle MJ** (Presenter), Vovos TJ, Walker CG, Stabile KJ, Roth JM, Garrett WE.
- “Functional movement recovery after anterior cruciate ligament reconstruction in adolescent patients.” **Boyle MJ** (Presenter), Butler RJ, Queen RM.
- “Inferior humeral head translation does not accurately diagnose rotator interval lesions.” **Boyle MJ** (Presenter), Laver L, Templeton E, Vovos TJ, Owusu-Akyaw K, Taylor DC.

Society of Military Orthopaedic Surgeons’ Annual Meeting, December 2014, Scottsdale, Arizona, USA

- “Functional movement deficits in secondary anterior cruciate ligament tears.” Roth JM (Presenter), **Boyle MJ**, Stabile KJ, Butler RJ, Queen RM.

The Pediatric Orthopaedic Society of North America Annual Meeting, May 2014, Hollywood, California, USA

- “Acute rheumatic fever and septic arthritis in children: the diagnostic value of serological inflammatory markers.” (Poster) Mistry R, Lennon DR, **Boyle MJ**, Chivers K, Bevan WP, Frampton CMA, Crawford HA.

American Academy of Orthopaedic Surgeons’ Annual Meeting, March 2014, New Orleans, Louisiana, USA

- “Does syndesmosis screw removal affect patient outcomes: a prospective, randomized, controlled trial.” **Boyle MJ** (Presenter), Gao R, Coleman B.

- "Acute rheumatic fever and septic arthritis in children: the diagnostic value of serological inflammatory markers." Mistry R, Lennon DR, **Boyle MJ** (Presenter), Chivers K, Bevan WP, Frampton CMA, Crawford HA.
- "Arthroscopic management of anterior ankle impingement: a prospective study of 46 patients with five-year follow-up." Walsh SJ, Twaddle BC, Rosenfeldt MP, **Boyle MJ** (Presenter).

New Zealand Orthopaedic Association Annual Scientific Meeting, October 2012, Dunedin, New Zealand

- "Does ankle syndesmosis screw removal affect early patient outcomes? A prospective, randomised, controlled trial." **Boyle MJ** (Presenter), Coleman B
- "Functional outcomes of reverse shoulder arthroplasty compared to hemiarthroplasty for acute proximal humerus fractures." **Boyle MJ** (Presenter), Youn S, Frampton CM, Ball CM
- "Skin complications associated with spica cast immobilisation of pediatric femoral fractures. An international comparative study." **Boyle MJ** (Presenter), Youn S, DiFazio R, Matheney T, Crawford H
- "Career intentions of current New Zealand orthopaedic trainees." (Poster) Gao R, **Boyle MJ**, Ball CM

Royal Australasian College of Surgeons' New Zealand Annual Scientific Meeting, September 2012, Queenstown, New Zealand

- "Functional outcomes of reverse shoulder arthroplasty compared to hemiarthroplasty for acute proximal humerus fractures." (Louis Barnett Prize Finalist) **Boyle MJ** (Presenter), Youn S, Frampton CM, Ball CM
- "How to get the best out of journal clubs: educational challenges." **Boyle MJ** (Presenter)

American Academy of Orthopaedic Surgeons' Annual Meeting, February 2012, San Francisco, California, USA

- "Outcomes of total hip arthroplasty following pediatric hip disease: what can patients expect?" **Boyle MJ** (Presenter), Crawford HA

American Academy of Orthopaedic Surgeons' International Committee Meeting, February 2012, San Francisco, California, USA

- "The New Zealand Orthopaedic Training Programme: current status and future directions." **Boyle MJ** (Presenter)

New Zealand and Australian Paediatric Orthopaedic Societies' Combined Pediatric Orthopaedic Meeting, October 2011, Tauranga, New Zealand

- "Outcomes of total hip arthroplasty following pediatric hip disease: what can patients expect?" **Boyle MJ** (Presenter), Crawford HA

New Zealand and Australian Orthopaedic Associations' Combined Scientific Meeting, October 2011, Rotorua, New Zealand

- "Early results of total hip arthroplasty in patients with developmental dysplasia of the hip compared with patients with osteoarthritis." **Boyle MJ** (Presenter), Frampton CM, Crawford HA
- "Early results of total hip arthroplasty in patients with slipped upper femoral epiphysis compared to patients with osteoarthritis." (Poster) Boyle MJ, Youn SM, Frampton CM, Crawford HA

Combined Orthopaedic Associations' Meeting (COMOC), September 2010, Glasgow, Scotland

- "The New Zealand Orthopaedic Training Programme: strengths and challenges." **Boyle MJ** (Presenter)

Royal Australasian College of Surgeons' New Zealand Annual Scientific Meeting, August 2010, Queenstown, New Zealand

- "Surgical training within the acute care setting: how can we improve?" **Boyle MJ** (Presenter)

New Zealand Orthopaedic Association Annual Scientific Meeting, October 2007, Hastings, New Zealand

- "Large osteochondral fractures of the lateral femoral condyle in the adolescent knee: outcome of bioabsorbable pin fixation." Walsh SJ (Presenter), **Boyle MJ**, Morganti V

Pediatric Orthopaedic Society of North America Annual Meeting, May 2007, Hollywood, Florida, USA

- "Large osteochondral fractures of the lateral femoral condyle in the adolescent knee: outcome of bioabsorbable pin fixation." Walsh SJ (Presenter), **Boyle MJ**, Morganti V

Waitemata District Health Board Awards for Clinical Excellence, September 2005, Auckland, New Zealand

- "Prescribing oxygen therapy. An audit of prescribing practices on medical wards at North Shore Hospital, Auckland, New Zealand." (Poster) **Boyle MJ**, Wong J

PENDING PUBLICATIONS

Boyle MJ, Lirola JF, Hogue GD, Yeng Y, Millis MB, Kim Y. The alpha angle as a predictor of contralateral slipped capital femoral epiphysis. *Submitted for publication in Journal of Bone and Joint Surgery (Am)*, July 2015.

Boyle MJ, Hogue GD, Heyworth BE, Ackerman K, Quinn B, Yen Y. Femoral neck stress fractures in children younger than ten years of age. *Submitted for publication in Pediatrics*, May 2015.

Laver L, **Boyle MJ**, Templeton E, Vovos TJ, Owusu-Akyaw K, Taylor DC. Can rotation-specific inferior humeral head translation accurately diagnose rotator interval region lesions? *Submitted for publication in Arthroscopy*, April 2015.

MEDICAL LICENSURES

Temporary Medical License, Massachusetts Medical Board, USA (08/2014 – 07/2015)

Resident Training License, North Carolina Medical Board, USA (08/2013 – 07/2014)

License No: 190441

Vocational Registration in Orthopaedic Surgery, New Zealand (Issued 12/2012, Active)

MCNZ No: 38348

TEAM COVERAGE EXPERIENCE

Duke University, Durham, NC, USA, 2013-2014

Team Doctor for Men's Basketball Team

Team Doctor for Men's Football Team

Team Doctor for Men's Soccer Team

North Carolina Central University, Durham, NC, USA, 2013-2014

Team Doctor for Men's Basketball Team

Team Doctor for Women's Basketball Team

Team Doctor for Men's Football Team

New Zealand National Provincial Rugby Championship, Air New Zealand Cup, 2009

Field Orthopaedic Doctor for Southland Stags Rugby Team

OTHER INTERESTS

Tennis
Soccer
Snowboarding

Soccer
Swimming
Piano

Cricket
Snow Skiing
Guitar