

CURRICULUM VITAE

Dr Myles Raphael James COOLICAN

Office Address: Level 1, The Gallery
445 Victoria Avenue
Chatswood NSW 2067
SYDNEY AUSTRALIA

Phone: (02) 9904-6099
Fax: (02) 9410-0666
E-mail: mcoolican@sydneyortho.com.au

Place of Birth: Sydney

Nationality: Australian

SCHOOL EDUCATION

Primary:	St Ignatius' Parish School, Bourke, NSW	1961-1966
	Bourke Primary School	1966-1967
Secondary:	St Ignatius' College	1968-1973
	Riverview, Sydney, Australia	
	<u>Achievements</u> :	
	College Prefect	
	Colours in cricket	
	Colours in swimming	
	Half colours in rugby	
	Sergeant of cadets	

MEDICAL QUALIFICATIONS AND TRAINING

Qualifications:	MBBS The University of New South Wales, Sydney	1979
	Honours second class, first division	
	Fellow, Royal Australasian College of Surgeons	1987
	Fellow, Australian Orthopaedic Association	1990

Undergraduate Achievements:

Credits in Medicine, Surgery, Obstetrics and Gynaecology
Distinction in Paediatrics
University Blue (Rugby)
State Under 20 (Rugby)
Australian Universities (Rugby)

Intern:	Royal North Shore Hospital, Sydney	1979
Basic Surgical Training:	Resident Medical Officer Royal North Shore Hospital	1980
	Senior Resident Medical Officer (Surgery) Royal North Shore Hospital, Sydney	1981
	Orthopaedic and Plastic Surgery Registrar Mona Vale Hospital, Sydney	1982
Advanced Surgical Training:	Australian Orthopaedic Association (Sydney), Orthopaedic Training Programme	
	Orthopaedic Registrar Westmead Centre, Sydney	1983
	Orthopaedic Registrar Sydney Hospital, Sydney	1984
	Hand Surgery Registrar (six months) Prince Alfred Hospital, Sydney	1985
	Orthopaedic Registrar (six months) Royal Alexandra Hospital for Children, Sydney	
	Orthopaedic Registrar Rachel Forster Hospital, Sydney	1986
Overseas Fellowships:		
	Senior Orthopaedic Registrar (six months) Addenbrookes' Hospital, Cambridge England, United Kingdom	1987
	Senior Orthopaedic Registrar (six months) Newmarket Hospital, Suffolk England, United Kingdom	
	Locum Consultant Orthopaedic Surgeon (six months) The Royal Orthopaedic Hospital, Birmingham England, United Kingdom	1988
	Fellow, Orthopaedic Sports Medicine The Cleveland Clinic, Cleveland, Ohio United States of America	1988-1989

CONSULTANT APPOINTMENTS

- Visiting Medical Officer, Mona Vale Hospital, Sydney 1989-1993
- Visiting Medical Officer, North Sydney Community Hospital 1989-1990
- Visiting Medical Officer, Centre for Bone and Joint Diseases 1991-1998
- Visiting Medical Officer, Delmar Private Hospital 1989-1991
- Visiting Medical Officer, Royal North Shore Hospital, Sydney 1989-present
- Visiting Medical Officer, North Shore Private Hospital, Sydney 1998-present
- Visiting Medical Officer, Mater Misericordiae Hospital, Sydney 1991-present
- Fellowship Director, Knee Surgery Fellowship (with Dr D.A. Parker) 2001-present
- Director, Sydney Orthopaedic Research Institute 2002-present

TEACHING

- Orthopaedic Surgery (lecture series) 1981
Final year nursing students
Royal North Shore Hospital, Sydney
- Orthopaedics and Fractures (guest lecturer) 1984
Cumberland College of Health Sciences, School of Physiotherapy,
University of Sydney
- (Orthopaedic Lecturer)Ships' Captains 1984
Medical course
- Orthopaedic and Traumatology Lectures 1986
Year III Nursing Students
Royal North Shore Hospital, Sydney
- Advanced Course (demonstrator) 1987
2nd British Arthroscopy Symposium
Harrogate, England, United Kingdom
- Orthopaedic Teaching (Tutor) 1989-present
Medical Students,
Royal North Shore Hospital, Sydney
- Orthopaedic lecturer Interns and Resident 1989-1993
Medical Officers, Mona Vale Hospital

- Anatomy demonstrator, Graduate Medical Programme 1999-2004
- Supervisor, Sports Medicine and Orthopaedic Surgery ICA 1999-2005
GMP, Northern Clinical School,
Royal North Shore Hospital, Sydney
- Convenor, Orthopaedic In-training Exam 1998-2004
Australian Orthopaedic Association
- Lecturer, Basic Arthroscopy Skills 2002-present
Royal North Shore Hospital
- Lecturer, Advanced Arthroscopic Surgery Workshop 2006-present

MEDICAL REGISTRATIONS

- NSW, Australia (Current) 1979-present
- Ohio, USA (Inactive) 1988-1989
- General Medical Council, UK
Principal list 1987-1988
Overseas list 1988-present

PROFESSIONAL MEDICAL ORGANISATIONS AND MEMBERSHIPS

- Australian Orthopaedic Association
- Royal Australasian College of Surgeons
- Australian Medical Association
- Australian Knee Society
- International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine
Member, Sports Medicine Committee 2005-2007
Deputy Chairman, Sports Medicine Committee 2007-present
- Asia Pacific Orthopaedic Association
- Australian Society of Orthopaedic Surgeons
- American Academy of Orthopaedic Surgeons

ADMINISTRATIVE POSITIONS HELD

- President, Australian Orthopaedic Registrar's Association 1986
- Secretary, Section of Orthopaedics, Mona Vale Hospital 1990
- Chairman, Section of Orthopaedics, Mona Vale Hospital 1991 – 1992
- Secretary, Section of Orthopaedics, Royal North Shore Hospital 1992-1997

- Acting Head, Department of Orthopaedics and Traumatic Surgery,
Royal North Shore Hospital 2000-2001
- Member, Regional Training Committee NSW Branch
Australian Orthopaedic Association 1992-1996
- Member, Medical Advisory Committee, Australian Rugby Union 1995-1998
- Royal North Shore Hospital Representative, Board of Studies,
Australian Orthopaedic Association 1997-2000
- Orthopaedic Representative Medical Advisory Committee
North Shore Private Hospital 2004-present
- Member, Knee Committee, ISAKOS 1999-2003
- Member, Sports Medicine Committee, ISAKOS 2005-present
- Deputy Chairman, Sports Medicine Committee, ISAKOS 2007-present

MEETINGS/CONFERENCES ORGANISED

- Co-convenor, Annual Scientific Meeting
Australian Orthopaedic Registrars'
Association, Sydney 1986
- Member, Organising Committee
Annual Scientific Meeting of Australian Orthopaedic Association, Sydney 1994
- The Cleveland Clinic Sports Medicine Alumni
Warthog Society Meeting, North Shore Private Hospital Sydney 2003
- Member, Organising Committee
8th Combined Meeting of Orthopaedic Association of English Speaking World
Sydney 2004

SPORTS COVERAGE

- As part of Cleveland Clinic Sports Medicine Fellowship,
Assistant Team Physician for Cleveland Browns,
Cleveland Cavaliers, Cleveland Indians, The Cleveland
Ballet and various sporting teams from Cleveland State
University and John Carroll University, Cleveland Ohio, USA 1988-1989
- Team Physician, NSW Rugby 1990-1995

- Test Match Doctor, Australian Rugby Union 1993-2003
- Test Match Orthopaedic Surgeon, Australian Rugby Union 2003-present
- Super 12/14 Match Orthopaedic Surgeon, NSW Rugby Union 1996-present
- Medical Officer in Charge
Wrestling (Greco-Roman and Freestyle)
Sydney Olympic Games 2000
- Orthopaedic Surgeon, Rugby World Cup, Sydney 2003
- Team Physician, Northern Suburbs Rugby 1990-2001
- Team Physician, Gordon Rugby Club 2004-present

AWARDS AND HONOURS

- Evelyn Hamilton Award – Best Research
Presentation to Australian Orthopaedic Association, Annual Scientific Meeting 1986
- Zimmer Overseas Travelling Fellow 1987

COURSES ATTENDED

- Radiation Protection Course for Surgeons
Royal North Shore Hospital, Sydney 1981
- 2nd British Knee Ligament Instability Course
Oswestry, UK 1987
- 2nd Advanced British Arthroscopy/Knee Course
Harrogate, UK 1987
- Oxford Unicompartmental Knee Replacement
Headington, Oxford, UK 2002
- Autologous Chondrocyte Transfer Utilising a Periosteal Patch
Mercy Tissue Engineering Course, Melbourne 2004
- Minimally Invasive Total Knee Replacement
The Zimmer Institute, Melbourne 2004

CONFERENCES ATTENDED

- AOA Annual Scientific Meeting 1982,1983,1984,1985
1986, 1990,1993, 2003

- Australian Orthopaedic Registrars Association Meeting 1983, 1984, 1986
- AOA Continuing Orthopaedic Education Meeting 1982, 1991, 1993, 1998
1999, 2000, 2002, 2003
- Warthog Society Meeting
 - Los Angeles, USA 1990
 - Columbus, USA 1991
 - Cleveland, USA 1992
 - Idaho, USA 1993
 - New York, USA 1994
 - San Diego, USA 1995
 - Bariloche, Argentina 1997
 - Sydney, Australia 2003
 - Birmingham, USA 2004
 - Oslo, Norway 2007
- AAOS Annual Meeting
 - Las Vegas, USA 1985
 - Chicago, USA 2006
 - San Diego, USA 2007
- ISAKOS Biannual Meeting
 - Buenos Aires, Argentina 1997
 - Washington DC, USA 1999
 - Montreaux, Switzerland 2001
 - Auckland, New Zealand 2003
 - Florida, USA 2005
 - Florence, Italy 2007
- Australian Knee Society Annual Scientific Meeting 1995, 2001, 2002
- The Facet Club Meeting, Adelaide, Australia 1985
- American Orthopaedic Society for Sports Medicine, Annual Scientific Meeting,
 - Traverse City, USA 1989
 - Sun Valley, USA 1993
- Australian College of Sports Physicians
Annual Scientific Conference, Sydney, Australia 1990
- American Orthopaedic Association
Annual Scientific Meeting, Palm Beach, USA 1991
- AOA NSW State Meetings 1993, 1996
- Western Pacific Orthopaedic Association Knee and Sports Medicine Meeting,
Sydney, Australia 1993

- Silver Jubilee Meeting of Professorial Orthopaedics
Royal Northshore Hospital, Sydney, Australia 1994
- “The Knee Womb to Tomb”, Sydney, Australia 1994
- RACS Football Australasia Injury Prevention Meeting
Melbourne, Australia 1998
- Combined Australian and New Zealand Orthopaedic Association,
Annual Scientific Meeting, Queenstown, New Zealand 2001
- Australian Medical Association (NSW Branch)
Annual Overseas Conference
-Dublin, Ireland 2003
- Sicily, Italy 2006
- Combined Meeting of the Orthopaedic Associations Of the English
Speaking World, Sydney, Australia 2004
- New Zealand Orthopaedic Association
Annual Continuing Medical Education Meeting, Wellington, New Zealand 2004
- Smith & Nephew Annual European Meeting
Athens, Greece 2005
- New Zealand Knee and Sports Surgery Society
Annual Scientific Meeting
- Christchurch, New Zealand 2006
- Wellington, New Zealand 2007
- Royal North Shore Hospital Annual Research Meeting 2006

RESEARCH

Presentations at National and International Meetings

- The Prognosis of Conus Injuries due to Fractures and Fracture
Dislocations of the Thoracolumbar Spine .
M R J Coolican, T K F Taylor, M D Ryan, J D Yeo and S Rutkowski.
Annual Scientific Meeting of the Australian Orthopaedic Association, Melbourne 1982
- The Results of Managements of Fracture Dislocations of the Ankle.
M R J Coolican, J L Cummine, D W Whiteway, J McGrath, J M Harrison and J Wong.
Annual Scientific Meeting of the Australian Orthopaedic Registrars’ Association, Perth 1984
- Spinal Cord Injuries from Football in Australia. A Preliminary Study.
M R J Coolican, T K F Taylor. The Facet Club (now called The Spine Society of Australia),
Adelaide 1985

- The Incidence of Spinal Cord Injuries from Football in Australia 1960 – 1985.
M R J Coolican, T K F Taylor.
- Annual Scientific Meeting of the Australian Orthopaedic Association, Sydney 1986
(Winner of the Evelyn Hamilton prize for Best Scientific Presentation)
- Annual Meeting of Australian Orthopaedic Registrars' Association, Sydney 1986
- The Prevention of Common Peroneal Nerve Palsy Following Correction of Valgus Deformity of the Knee.
M R J Coolican, A Cree, M Tonkin. Australian Orthopaedic Association,
Annual Scientific Meeting, Sydney 1993
- Spinal Cord Injuries in Australian Footballers 1986 – 1996.
D A Parker, T K F Taylor, M R J Coolican and R Cumming.
- Royal Australasian College of Surgeons Football Australia Injury Meeting, Melbourne 1998
- Australian Orthopaedic Registrars Association Annual Meeting, Prize for Best Paper, Sydney 1998
- Results of Surgical Management of Fractures of the Lateral Tibial Plateau.
G Parker and M R J Coolican.
Australian Orthopaedic Association Annual Scientific Meeting, Brisbane 1999
- Spinal Cord Injuries in Australian Footballers 1997 – 2002.
D Carmody, D A Parker, M R J Coolican and T K F Taylor.
- Australian Orthopaedic Association Annual Scientific Meeting, Adelaide 2003
- Podium presentation, International Conference on the Science and Practice of Rugby, Brisbane 2003
- Reflex Sympathetic Dystrophy after Total Knee Arthroplasty.
A R Burns, D A Parker and M R J Coolican. Australian
Orthopaedic Association Annual Scientific Meeting, Adelaide 2003
- Multiligament Injuries of the Knee: Mechanism, Management & Outcomes.
B Fritsch, M R J Coolican and D A Parker.
- Australian Knee Society Annual Meeting, Sydney 2004
- Podium Presentation, Combined Meeting of the Orthopaedic Associations of the English Speaking
World, Sydney 2004
- Outcome Following Management of Deep Infection in Knee Arthroplasty.
M R J Coolican, M Sherlock, B Hudson and D A Parker.
Australian Knee Society Annual Meeting, Sydney 2004
- Active and Passive ACL Injury Mechanisms: Correlation of Injury Mechanism and MRI Findings.
D A Parker, M R J Coolican, D A Graham, N Duggal and B Giuffre.
- Podium presentation, Combined Meeting of the Orthopaedic Associations of the English Speaking
World, Sydney 2004
- Podium Presentation, ACL Study Group Meeting, Hawaii 2006
- Podium Presentation, Fowler Fellows Meeting, Hawaii 2006
- Safety of Combined Usage of Local Anaesthetic Infiltration and Reinfusion Drains in Total Knee
Arthroplasty.
D A Parker, D A Graham, N Sanjapuram, L Mather and M R J Coolican.
- Australian Orthopaedic Association New South Wales State Meeting, Sydney 2005
- Australian Knee Society Meeting, Margaret River 2005
- Podium Presentation, Australian Knee Society Meeting, Western Australia 2005

- Podium Presentation, AOA Annual Scientific Meeting, Perth 2005
- ISAKOS Meeting, Florence, Italy 2007
- Cervical Spine Injuries without Spinal Cord Involvement in Rugby Union and Rugby League 1986 – 2002.
MC Lyons, TKF Taylor, DJ Carmody, DA Parker, MRJ Coolican, Cumming RG and Roe JP.
Podium Presentation, Combined Australian and New Zealand Orthopaedic Associations Meeting,
Canberra 2006
- Multiligament Injuries of the Knee: Detailed Analysis of Injury Mechanisms, Management and Validated
Outcomes in a Large Cohort.
DA Parker, B Fritsch, R Preston and MRJ Coolican.
Podium Presentation, ISAKOS Meeting, Florence, Italy 2007
- Osteochondral Injury Associated with Acute Lateral Dislocation of the Patella.
D A Parker, B Milne, B Giuffre and M R J Coolican.
ISAKOS Meeting, Florence, Italy 2007

Invited Lectures

- Spinal Cord Injuries from Football in Australia 1960 – 1985
Annual Scientific Meeting Australian College of Sports Physicians, Sydney 1990
- Surgical Management of the Ruptured ACL – The Scientific Basis to Rehabilitation.
Helen Scott Visiting Fellow Meeting, Royal North Shore Hospital, Sydney 1990
- - Instability of the Shoulder.
- Injuries to the Acromioclavicular Joint.
Manipulative Therapists Association of Australia Annual Scientific Meeting,
Leura, Blue Mountains 1991
- An Approach to the Diagnosis of Groin Pain in the Athlete.
Royal Australasian College of Surgeons Continuing Education Meeting, Sydney 1993
- The Management of the Dislocated Knee.
Meeting to Celebrate the Silver Jubilee of Professorial Orthopaedics Royal North Shore Hospital,
Sydney 1994
- -Arthroscopy of the Knee – Portals and Set Up ,
- PCL Reconstruction – Why Bother?
St George Hospital Orthopaedic Department Meeting The Knee, Sydney 1997
- Proximal Tibial Fractures – Problems and Solutions.
Australian Orthopaedic Association Continuing Education Committee Meeting, Canberra 1999
- PCL Reconstruction Utilising the Inlay Technique.
Australian Orthopaedic Association Continuing Orthopaedic Education Meeting, Perth 2003
- - Spinal Cord Injuries from Football in Australia – 1960-2002.
- An Approach to the Diagnosis and Management of the Multiligament Injured Knee.
New Zealand Orthopaedic Association Continuing Orthopaedic Education Meeting, Sports Trauma,
Wellington, New Zealand 2004

- - The Lateral Approach to the Knee for Arthroplasty in the Severely Valgus Knee.
-Unusual Portals in Knee Arthroscopy.
Smith&Nephew European Knee Meeting, Athens, Greece 2005
- The MRI Analysis of Bone Bruise Patterns with Contact And Non-Contact ACL Injuries.
New Zealand Knee and Sports Surgery Society Annual Scientific Meeting,
Christchurch, New Zealand 2006
- Combined ACL and MCL Injury of the Knee – Treatment Options.
ISAKOS, Florence, Italy 2007
- - Spinal Cord Injuries from Football in Australia 1960-2002.
- An MRI Study of Osteochondral Lesions of the Knee Following Acute Patellar Dislocation,
- Combined ACL and MCL Injury of the Knee – Treatment Options
The New Zealand Knee and Sport Surgery Society, Annual Meeting, Wellington, New Zealand 2007

Presentations at Regional and Local Meetings

- Spinal Cord Injuries from Football in Australia 1960-1986
Cambridge Orthopaedic Society, Cambridge, UK 1987
- Management of Acute Knee Injuries.
Department of Physiotherapy, Royal North Shore Hospital 1990
- ACL Injuries – Diagnosis and Management.
Coppelson Postgraduate Institute, University of Sydney. 1992
- Management of Knee Arthritis.
Orthopaedic Nurses, Royal North Shore Hospital. 1992
- Spinal Cord Injuries from Rugby.
Australian Physiotherapy Association Sports Injury Study Group, Continuing Education Meeting,
Royal North Shore Hospital, Sydney 1992
- Knee Arthroplasty.
Section of Rheumatology Royal North Shore Hospital, Sydney 1992
- What You Expect To See on Post-Op Radiographs of The Knee.
Department of Radiology, Royal North Shore Hospital, Sydney 1993
- The Role of Arthroscopy in the Management of Synovitis of the Knee.
Department of Rheumatology, Royal North Shore Hospital, Sydney 1993
- The Role of Arthroscopy in Managing Acute Knee Injuries.
Royal North Shore Hospital, Sydney 1996
- Assessment and Management of Acute Knee Injuries.
Department of Emergency Medicine, Royal North Shore Hospital, Sydney 1996

- Joint Structure and Disease – Rheumatology and Surgery.
Lecture to Med 4 Students,Royal North Shore Hospital, Sydney 1996
- Reconstruction of the Posterior Cruciate Ligament
Orthopaedic Department, St George Hospital, Sydney 1996
- Hamstring Grafts in the Management of ACL Reconstruction.
Australian Orthopaedic Association Registrar’s Training Programme, Prince of Wales Hospital 1996
- Being a Team Physician with the New South Wales Waratahs
Probus Club, East Gosford 1999
- Public Seminar on Arthritis.
Organised by The Institute of Bone and Joint Research, Sydney 2000
- Surgical Management of Osteoarthritis of the Knee.
Department of General Practice,Royal North Shore Hospital, Sydney 2000
- Orthopaedic Care of the Elderly.
Department of General Practice, Royal North Shore Hospital, Sydney 2000
- Joint Failure – Recent Development in Diagnosis and Treatment.
Institute of Bone and Joint Diseases Seminar,Sydney 2000
- The Older ACL Reconstruction.
Sports Physiotherapy Group,Australian Physiotherapy Association Annual Meeting 2000
- Knee Replacement – Another Option.
Public Seminar organised by the Institute of Bone and Joint Research, Sydney 2001
- Surgical Options in the Management of Osteoarthritis of the Knee
Australian Medical Association Senior Clinicians Conference. Sydney 2003
- Surgical Options in the Treatment of Osteoarthritis of the Knee.
Department of General Practice, Royal North Shore Hospital, Sydney 2003
- Evaluation and Management of Instability of the Knee.
Department of General Practice,Royal North Shore Hospital, Sydney 2003
- Latest Orthopaedic Surgery for Arthritis.
Public Lecture for the Institute of Bone and Joint Diseases,Royal North Shore Hospital, Sydney 2003
- Evaluation of Acute Knee Injuries.
Australian Medical Association Senior Clinicians Seminar, Royal North Shore Hospital 2004
- Evaluation of Acute Knee Injuries.
Department of General Practice,Royal North Shore Hospital, Sydney 2004

Exhibits

- Spinal Cord Injuries in Australian Footballers 1986-1996
D A Parker, T K F Taylor, M R J Coolican and R Cummins.
Poster Presentation: Australian Orthopaedic Association Annual Scientific Meeting, Cairns 1998
- A New Sign in the Diagnosis of PCL Injuries of the Knee.
ISAKOS Biennial Meeting – Montreux, Switzerland 2001
- Multiligament Injuries of the Knee – Mechanism, Management and Outcomes.
B Fritsch, M R J Coolican and D A Parker.
Poster Presentation: ISAKOS Meeting, Florida, USA 2005
- Active and Passive ACL Injury Mechanisms: Correlation of Injury Mechanism and MRI Findings.
D A Parker, M R J Coolican, D A Graham, N Duggal and B Giuffre.
Poster Presentation: ISAKOS Meeting, Florida, USA 2005
- Safety of Combined Usage of Local Anaesthetic Infiltration and Reinfusion Drains in Total Knee Arthroplasty.
D A Parker, D A Graham, N Sarjapurum, L Mather and M R J Coolican.
Poster Presentation: AAOS, San Diego, USA 2007
- Bone Bruises Associated with ACL Rupture: Detailed Analysis and Correlation with Injury Mechanism.
[Authors](#)
Poster Presentation: ISAKOS, Florence, Italy 2007

PUBLICATIONS

Scientific Articles

- Spinal Cord Injuries in Australian Footballers 1960-1985.
MRJ Coolican, TKF Taylor.
Med J Aust 1987; 147:112-118
- Injuries of the Conus Medullaris.
MRJ Coolican, TKF Taylor.
Paraplegia 1988; 26(6); 393-400
- Synovial Chondro-metaplasia of the knee. The Results of Arthroscopic Management.
MRJ Coolican, DJ Dandy.
J Bone Joint Surg 1989; 71B:498-500
- Recent Advances in Arthroscopic Surgery.
MRJ Coolican, DH Sonnabend.
Aust Family Physician 1992; 21(4):421-423
- Prevention of Common Peroneal Nerve Palsy After Surgery for Valgus Deformity about the Knee.
MRJ Coolican, AK Cree, MA Tonkin.
The Knee Vol 5, No 4, 1998, 261-256

- Spinal Cord Injuries In Australian Footballers.
MRJ Coolican, TKF Taylor, DA Parker.
ANZ Journal of Surgery 2003; 73 (7) 493-499
- Spinal Cord Injuries In Australian Footballers 1997-2002.
MRJ Coolican, Carmody DJ, TKF Taylor, DA Parker, RG Cumming.
MJA 2005; 182 (11): 561-564
- Chronic Regional Pain Syndrome Complicating Total Knee Arthroplasty.
AR Burns, DA Parker, C Rajaratnum, MRJ Coolican.
J Orthopaedic Surgery 2006; 14(3): 280-3

Abstracts / Letters

- The Prognosis of Conus Medullaris Injuries due to Fractures of the Upper Lumbar Spine.
MRJ Coolican, TKF Taylor, MD Ryan, JD Yeo, S Rutkowski.
J Bone Joint Surg 1983; 65B:670
- Rugby Must Be Safer.
MRJ Coolican, TKF Taylor.
Med J Aust 1988; 149:224
- Lateral Popliteal Nerve Release in the Correction of Valgus Deformities about the Knee.
MRJ Coolican, AK Cree, MA Tonkin.
J Bone Joint Surg (Br) 1995 77B:63 Supp 1
- Septic Arthritis with Mycobacterium Teres – A Case Report and Review of the Literature.
MRJ Coolican, B Milne, B Hudson.
J Bone Joint Surg 2002

Book Chapters

- Spinal Cord Injuries in Football – Rugby Union, Rugby League and Australian Rules.
MRJ Coolican, TKF Taylor. (in) Athletic injuries to the head, neck and face. Philadelphia, Lea & Febiger, (Ed) JS Torg, 2nd edition, 1991.
- The Prevention and Management of Injuries in Rugby Union Football.
MRJ Coolican, TKF Taylor. (in) The prevention and management of injuries in sport. Medical Advisory Committee of International Olympic Committee, (Ed) Per Renstrom, 1993.

CURRENT RESEARCH

- ACL Tibial Fixation Trial – A prospective randomised trial comparing two methods of tibial fixation in ACL reconstruction.
Recruitment complete at 114 patients and will be analysed and presented after 2 year followup.
- Tibial Base Plate Trial – A prospective randomised trial comparing 3 tibial base plates in TKA.
90 patients enrolled at mid-2007.

- Unicompartment Replacement Trial – A prospective randomised trial comparing two types of unicompartmental knee replacements.
50 patients enrolled at mid-2007.
- Patellar Dislocation Study – A prospective analysis looking at injury mechanism, radiological and surgical findings, and outcome of all acute lateral patellar dislocations.
A cohort of 90 patients achieved at mid-2007.
Early results presented: ISAKOS 2007
New Zealand Knee and Sport Surgery Society, Annual Meeting, Wellington, New Zealand 2007
Poster Presentaion: Royal North Shore Hospital, Research Conference
- Knee osteotomy surgery – A detailed analysis of High Tibial and Distal Femoral Osteotomy. Analysing 3 aspects of these operations:
 - Gait Analysis
 - MRI analysis
 - Osteotomy in conjunction with autologous chondrocyte implantation
- ACL Study – Ongoing prospective analysis of injury mechanisms, osteochondral injuries and outcomes of ACL rupture.
Submitted for publication in conjunction with D Viskontas.
- Multiligament Knee Injury Analysis – Analysis of injury mechanism, associated injuries and outcomes of multiligament injuries of the knee.
Analysis of approximately 50 multiligament injuries at mid-2007.
Early results presented at: ISAKOS 2007
- Gait Analysis in PCL Injured Patients – A collaborative study with B Vanwanseele and M Grassmayr from the University of Sydney. An analysis of variations in the running gait of athletes with a PCL deficient knee.
- Postop Analgesia Following TKA – A proposed prospective study to examine whether femoral nerve blocks make any difference to post-op pain following TKA.
Application for Ethics approval is pending.
- MRI Knee Anatomy Analysis – An examination of >100 MRI scans of the knee used to create a method to predict restoration of the joint line at revision knee arthroplasty using anatomical landmarks.
Submitted for publication by E Servien, June 2007.
Accepted for poster presentation at AOA, Gold Coast 2007.
- Hinged External Fixateur Study – A cadaveric study examining the effect a hinged external fixateur device has on ligament tension through a prescribed range of motion.
3 of a proposed 6 cadaveric knees examined at mid-2007.
- Horizontal Cleavage Tear of the Menisci – A proposed animal study is being developed to look at the effect a horizontal cleavage tear of the meniscus has on the progression of arthritis on sheeps knees.
Logistics and study design are being worked on.
- Public vs Private Study – Early stages of a proposed collaborative effort with L March of Royal Northshore Hospital to see if there are different outcomes between our public and private knee replacement patients.
- dGEMERIT Tendon Study – A collaborative study with PhD student B Gooden using gadolinium enhanced MRI scans on patients with patellar tendonitis.

- DVT Study – A retrospective study looking at the incidence of DVT in patients with knee injuries following repatriation from another country where the injury originated.
- MRI Influence on Surgical Decisions – A study looking at 200 MRI scans of the knee and the effect the findings have on surgical practice.
To Be Presented: AOA, Gold Coast, 2007.
- Osteonecrosis of the knee – A database has been created to see if there are any common themes in patients with idiopathic osteonecrosis of the knee.
- Timing of Surgery vs. Outcome – An review is being conducted examining outcomes of TKA surgery in relation to patients having surgery at the beginning of the day vs. after 4pm on an all day operating list.
- Femoral Neuralgia Complicating Femoral Nerve Blocks – A cohort of patients has been collected with this complication, progression and outcomes following this complication will be examined.
A pain score data form is being created.
- Anterior Meniscomfemoral ligament – A retrospective review of the arthroscopic surgery database is being conducted to analyse the incidence of this anatomical variant in medial meniscal anatomy and associations with knee pathology.

VISITS TO UNITS OVERSEAS

- Kerlan Jobe Orthopaedic Clinic, Los Angeles, USA
(visited Dr Bob Kerlan, Dr Frank Jobe, Dr James Tibone and others at the Kerlan Jobe Clinic, Los Angeles, USA) 1990
- Huston Clinic, Columbus, Georgia, 1991
including Dr Jack Huston, Dr Champ Baker and others
- Hospital for Special Surgery, 1994
Including Dr Russell Warren, Dr Steve O'Brien and others
- Dr Masahiro Kurosaka, Kobe, Japan 1998
- Dr Freddie Fu, Dr Savio Woo, Dr Johnny Huard 1998
University of Pittsburgh
- Dr David Murray, 2002
Nuffield Orthopaedic Centre, Oxford, England
- Dr Jimmy Andrews, Birmingham, Alabama, USA, 2004
Dr Joe Torg, Philadelphia, USA and
Dr Thomas Coon, California, USA
- Dr John Newman, 2007
Avon Orthopaedic Centre, Bristol, UK
- Dr Lars Engebreston and Dr Roald Bahr, Oslo, Norway 2007

HOSTING TRAVELLING FELLOWS

- AOSSM Travelling Fellows, Dr Freddie Fu, Godfather 1999
- SLARD Travelling Fellows, Dr Eduardo Zamudio, Godfather 2003
- AOSSM Travelling Fellows, Dr Mark Miller, Godfather 2005
- AOSSM Travelling Fellows, Dr Matteo Dente, Godfather 2006