

Dr Benjamin Cass

shoulder & elbow surgeon

curriculum vitae

2017



SydneyShoulder
Specialists



Dr Benjamin Cass
MBBS MS
FRACS (Orth) FAOrthA MASES



cassadmin@sydneyshoulder.com.au



www.sydneyshoulder.com.au



Sydney Shoulder Specialists
Suite 201, Level 2, 156 Pacific Highway
St Leonards, NSW, Australia, 2065



Phone 61 2 9460 8888 Fax 61 2 9460 6064

2006 to 2011	Masters of Surgery Faculty of Medicine Sydney University
2008	FA (Orth) A Fellow, Australian Orthopaedic Association
2005 to 2006	American Medical Board Certifications USMLE Complete
2000 to 2004	Royal Australasian College of Surgeons Advanced Surgical Training FRACS (Ortho)
1990 to 1996	MBBS Bachelor of Medicine, Bachelor of Surgery The University of Sydney

Since 2013 Design Surgeon
Depuy-Synthes Revision Total Shoulder Replacement Team
Helios Revision Total Shoulder System

Since 2010 Visiting Medical Officer
Royal North Shore Hospital
Mater Private Hospital
North Shore Private Hospital
Ryde Public Hospital
Dubbo Base Hospital
Dubbo Private Hospital

Since 2012 Director
Sydney Shoulder Research Institute

Supervisor
Sydney Shoulder Research Institute Clinical Fellowship (AOA accredited)

- 2006
to
2010** **Senior Lecturer in Orthopaedic Surgery**
University of Sydney,
Northern Clinical School &
Royal North Shore Hospital
- 2005
to
2006** **Research Fellow in Orthopaedic Surgery**
Mayo Clinic, Rochester Minnesota, USA
Supervisor: Prof Bernard Morrey
- 2005** **Upper Limb Surgery, Shoulder and Elbow Fellow**
Royal North Shore Hospital
Supervisors: Prof David Sonnabend &
Dr Jeffery Hughes
- 2001
to
2005** **Accredited Orthopaedic Registrar**
Northside
Australian Orthopaedic Association Training Scheme

2005

The Philip Segelov Prize

Australian Orthopaedic Association Annual Scientific Conference: Best Paper Presented by a Registrar:
“Methods to Reduce Collateral Damage with K Wire Fixation of the Distal Radius.” By S. Gupta, B. Cass, B. Schick, W. Wong, F. Stewart and D. Ryan.

2003

The Allen Frederick Dwyer Prize

Australian Orthopaedics Registrars Association Annual Conference:

“Mini-open vs Percutaneous K-Wiring of Distal Radius Fractures. Decreased complications? An anatomical study.”
Supervisor: Dr F. Stewart, Anatomy Department, University of Sydney, Sydney AUSTRALIA

2000

The Annual Excellence in Clinical Skills Teaching Award

For undergraduate and postgraduate teaching
Royal North Shore Hospital, Northern Clinical School,
University of Sydney, Sydney, AUSTRALIA

1996

The Robert Craig Prize in Surgery

University of Sydney

For research entitled “A study on bone erosion in rheumatoid arthritis using in-situ hybridisation microscopy of the calcitonin receptor” completed in the Department of Orthopaedics, Brigham & Women’s Hospital, Boston, USA

The Macquarie Pathology Services Prize

University of Sydney

For research entitled “A study on bone erosion in rheumatoid arthritis using in-situ hybridisation microscopy of the calcitonin receptor” completed in the Department of Orthopaedics, Brigham & Women’s Hospital, Boston, USA

1995

Harvard Medical School

Undergraduate Elective Term

Brigham & Women’s Hospital, New England Baptist Hospital, Massachusetts General Hospital Research Labs.
Supervisor: Prof T Thornill (Professor of Orthopaedics),
Harvard Medical School, Boston, USA

The following courses were held in Sydney, AUSTRALIA unless otherwise specified

2017

Scientific Session Chair

“Primary Surgery in Reverse Shoulders”

Melbourne International Reverse Shoulder Arthroplasty
Symposium

Melbourne, AUSTRALIA

Invited Lecturer

“Prevention of Bleeding in Reverse Shoulders”

Melbourne International Reverse Shoulder Arthroplasty
Symposium

Melbourne, AUSTRALIA

Invited Lecturer

“Surgical Prophylaxis for Infection”

Melbourne International Reverse Shoulder Arthroplasty
Symposium

Melbourne, AUSTRALIA

Invited Lecturer

“Revision in Reverse TSA”

Melbourne International Reverse Shoulder Arthroplasty
Symposium

Melbourne, AUSTRALIA

Scientific Session Chair

“Stemless Total Shoulder Arthroplasty”

Mathys Shoulder Anatomy Course

Melbourne, AUSTRALIA

Invited Lecturer

“Glenoid Access Tips and Tricks”

Mathys Shoulder Anatomy Course

Melbourne, AUSTRALIA

Invited Lecturer

“Why I Like a 2 pegged Glenoid”

Mathys Shoulder Anatomy Course

Melbourne, AUSTRALIA

Invited Lecturer

“30 years of Grammont Shoulder Prosthesis (clinical improvements in the last decade)”

Mathys Shoulder Anatomy Course

Melbourne, AUSTRALIA

Invited Lecturer

“Reverse/Inverse Shoulder Arthroplasty”

Mathys Shoulder Anatomy Course

Melbourne, AUSTRALIA

Invited Lecturer

“Complex Primaries and Revisions”

Mathys Shoulder Anatomy Course

Melbourne, AUSTRALIA

2016

Course Coordinator

Shoulder Symposium (2 day course)
Royal North Shore Hospital

Invited Lecturer

“Approaches and Fixation of Glenoid Fractures and Acromion”
Upper Extremity Surgeon Bioskills Course
Tokyo, JAPAN

Invited Lecturer

“Acute Clavicle Fracture Fixation”
Upper Extremity Surgeon Bioskills Course
Tokyo, JAPAN

Scientific Session Co-Chair

“Arthroplasty Outcomes” with Dr Greg Bain
Biennial Closed Conference
Shoulder & Elbow Society of Australia
Darwin Convention Centre, AUSTRALIA

Invited Lecturer

“Management of Fractures around the Elbow”
Casting Symposium
Australian Institute of Orthopaedic Technologists
Royal North Shore Hospital

Invited Lecturer

“Indications, Design & Surgical Technique”

DePuy Global Unite Anatomic Cadaver Workshop

Royal Melbourne Hospital

Melbourne University, AUSTRALIA

Invited Lecturer

“My Tips, Tricks & Outcomes”

DePuy Global Unite Anatomic Cadaver Workshop

Royal Melbourne Hospital

Melbourne University, AUSTRALIA

Invited Teaching Surgeon

Instructed Hands-on Workshop

DePuy Global Unite Anatomic Cadaver Workshop

Royal Melbourne Hospital

Melbourne University, AUSTRALIA

Invited Lecturer

“Clinical Results of Reverse Shoulder Arthroplasty”

Japanese Orthopaedic Association Delta Xtend

Training (2 day course)

Osaka and Fukuoka, JAPAN

Invited Lecturer

“Complications of Reverse Shoulder Arthroplasty”

Japanese Orthopaedic Association Delta Xtend

Training (2 day course)

Osaka and Fukuoka, JAPAN

Invited Lecturer

“History and Biomechanics of Reverse Shoulder Arthroplasty”

Japanese Orthopaedic Association Delta Xtend

Training (2 day course)

Osaka and Fukuoka, JAPAN

Invited Lecturer

“Indications and Limitations of Reverse Shoulder Arthroplasty”

Japanese Orthopaedic Association Delta Xtend

Training (2 day course)

Osaka and Fukuoka, JAPAN

Invited Lecturer

“Post-operative rehabilitation of Reverse Shoulder Arthroplasty”

Japanese Orthopaedic Association Delta Xtend

Training (2 day course)

Osaka and Fukuoka, JAPAN

Invited Lecturer

“Reverse Shoulder Arthroplasty - Technique”

Japanese Orthopaedic Association (2 day course)

Osaka and Fukuoka, JAPAN

Invited Lecturer

“Distal Humerus: What you need to know, Tips & Tricks including plating options, when to replace, olecranon?”

Trauma Upper Limb Fracture Symposium

Brisbane, AUSTRALIA

Invited Lecturer

“Complications of Distal Humerus Fractures: How to Avoid and Solve Pitfalls”

Trauma Upper Limb Fracture Symposium

Brisbane, AUSTRALIA

Invited Lecturer

“Proximal Humerus: Operative vs Non-operative Treatments”

Trauma Upper Limb Fracture Symposium

Brisbane, AUSTRALIA

Invited Lecturer

“Complications of Proximal Humeral Fractures: How to Avoid and Solve Pitfalls”

Trauma Upper Limb Fracture Symposium

Brisbane, AUSTRALIA

2015

Invited Lecturer

“Internal fixation of distal humerus fractures”

AP Extremities & Trauma Master Class (2 day course),

Melbourne, AUSTRALIA

Invited Lecturer

“How to Avoid and Treat Complications after Open Reduction Internal Fixation (ORIF) & Total Elbow Prosthesis (TEP)”

AP Extremities & Trauma Master Class (2 day course),

Melbourne, AUSTRALIA

Invited Lecturer

“Plating in Humeral Head Fractures: Open & MIS”
AP Extremities & Trauma Master Class (2 day course),
Melbourne, AUSTRALIA

Invited Lecturer

“Periprosthetic Fractures”
AP Extremities & Trauma Master Class (2 day course),
Melbourne, AUSTRALIA

Invited Lecturer

“Current Trends in Shoulder Arthroplasty”
AP Extremities & Trauma Master Class (2 day course)
Melbourne, AUSTRALIA

Invited Lecturer

“Difference in Rehabilitation - Total Shoulder Arthroplasty
vs Reverse Shoulder Arthroplasty”
AP Extremities & Trauma Master Class (2 day course)
Melbourne, AUSTRALIA

Invited Lecturer

“Complications in Elbow Arthroplasty”
AP Extremities & Trauma Master Class (2 day course)
Melbourne, AUSTRALIA

Invited Lecturer

“Elbow Revision and Reconstructions”
AP Extremities & Trauma Master Class (2 day course)
Melbourne, AUSTRALIA

Invited Lecturer

“Reverse Total Shoulder Replacement - How I Do It”
Continuing Orthopaedic Education Meeting, Australian
Orthopaedic Association, Melbourne, AUSTRALIA

Invited Lecturer

Advanced Fracture Management Course (2 day course)
Osteosynthesis and Trauma Care Foundation
Royal North Shore Hospital

2014

Course Coordinator

Shoulder Symposium (3 day course)
Royal North Shore Hospital

Invited Lecturer

“Hemiarthroplasty for unreconstructable humerus fractures”
AP Total Shoulder Solutions Course (3 day course)
Singapore General Hospital , SINGAPORE

Invited Lecturer

“Reverse Total Shoulder Replacement - How I Do It”
AP Total Shoulder Solutions Course (3 day course)
Singapore General Hospital , SINGAPORE

Invited Lecturer

Upper Limb Dissection Course (2 day course)
Royal North Shore Hospital

2013

Course Coordinator

Shoulder Symposium (3 day course)
Royal North Shore Hospital

Course Convenor

Advanced Shoulder Surgery Training Day
Royal North Shore Hospital

Invited Lecturer

Advanced Techniques in Shoulder Arthroplasty
(2 day course)
Medical Education and Research Institute of Nevada, USA

Invited Lecturer

Continuing Orthopaedic Education Meeting,
Australian Orthopaedic Association,
Melbourne, AUSTRALIA

Course Chairman

Shoulder and Elbow Fracture Management (2 day course)
Australian School of Advanced Medicine, Macquarie University

2012

Course Coordinator

Shoulder Symposium (3 day course)
Royal North Shore Hospital

Invited Lecturer

“Sporting Injuries to the Shoulder and Elbow”
GP Seminar Series, Mater Hospital

2011

Course Coordinator

Shoulder Symposium (3 day course)
Royal North Shore Hospital

Invited Lecturer

“Electricity in the Shoulder”
Shoulder Symposium (3 day course)
Royal North Shore Hospital

2010

Course Coordinator

Shoulder Symposium (3 day course)
Royal North Shore Hospital

2009

Course Coordinator

Shoulder Symposium (3 day course)
Royal North Shore Hospital

Course Facilitator

Arthroscopic Skills Workshop, Australian Orthopaedic Association, Royal North Shore Hospital

2008

Course Coordinator

Inaugural Shoulder Symposium (3 day course)
Royal North Shore Hospital

Invited Lecturer

“Shoulder Rehabilitation”
Inaugural Shoulder Symposium (3 day course)
Royal North Shore Hospital

Invited Lecturer

“Hemiarthroplasty”
Inaugural Shoulder Symposium (3 day course)
Royal North Shore Hospital

Conference Facilitator

Arthroscopic Skills Workshop, Australian Orthopaedic Association, Royal North Shore Hospital

2007

Conference Facilitator

Arthroscopic Skills Workshop, Australian Orthopaedic Association, Royal North Shore Hospital

Conference Participant and Member

Australian Shoulder & Elbow Surgical Society
Perth, AUSTRALIA

2006

Conference Facilitator

Arthroscopic Skills Workshop
Australian Orthopaedic Association,
Royal North Shore Hospital

Course Participant

“Mentoring in the Workplace”
Royal Australasian College of Surgeons

Course Participant

“Surgical Teachers Course”
Royal Australasian College of Surgeons

2005

Course Participant and Certification Recipient

Ethical principles of research & publication training
National Institute of Health,
Mayo Clinic, Rochester, USA

“Early Sling Discontinuation following Rotator Cuff Repair”

LM Kruse, TM Falconer, SJ Dimmick, JC Balestro, G Cunningham, B Cass and AA Young.

Techniques in Shoulder and Elbow Surgery (in press).

“Contamination of the surgical field with propionibacterium acnes in primary shoulder arthroplasty.”

TM Falconer, M Baba, O Dorrestijn, LM Kruse, M Smith, MC Figtree, BJ Hudson, M Donaldson, B Cass and AA Young.

Journal of Bone & Joint Surgery, 2016, 19;98(20):1722-1728.

Clinical outcomes and safety of distal biceps repairs using a modified entry point.”

M Baba, J Leon, M Symes, O Dorrestijn, AA Young and B Cass.

ANZ Journal of Surgery, 2016, August (3). doi: 10.1111/ans.13684.

“Evidence of healing of partial-thickness rotator cuff tears following arthroscopic augmentation with a collagen implant: a 2-year MRI follow-up.”

DJ Bokor, DH Sonnabend, L Deady, B Cass, AA Young, CL Van Kampen and SP Arnoczky.

Muscles, Ligaments and Tendons Journal, 2016;6(1):16-25.

“Improving medial footprint coverage in double row cuff repair using Fibretape.”

AA Young, B Cass, R Appleyard, J Cadman, M Baba and O Dorrestijn

Techniques in Shoulder & Elbow Surgery, 2015 Sep;16(3):74-78.

“Preliminary investigation of a biological augmentation of rotator cuff repairs using a collagen implant: A 2-year MRI follow-up.”

DJ Bokor, DH Sonnabend, L Deady, B Cass, AA Young, CL Van Kampen and SP Arnoczky

Muscles, Ligaments and Tendons Journal, 2015;5(3):144-150.

“Low rate of Propionibacterium acnes in arthritic shoulders undergoing primary total shoulder replacement surgery using a strict specimen collection technique.”

CB Maccioni, AB Woodbridge, JC Balestro, M Figtree, BJ Hudson, B Cass and AA Young

Journal of Shoulder and Elbow Surgery, 2015 Aug; 24(8).

“Radial head replacement with pyrocarbon prosthesis: early clinical results.”

IN Abdulla, DC Molony, M Symes and B Cass

ANZ Journal of Surgery, 2014 Nov 12.

“Treatment of proximal humeral nonunions with a locked plate and an intramedullary strut autograft.”

AA Young, B Cass and G Smith

Techniques in Orthopaedics, 2014 Mar;29(1):39-42.

“Long-Term Outcome of Resection Arthroplasty for the Failed Total Elbow Arthroplasty.”

P Zarkadas, B Cass, T Throckmorton, R Adams, J Sanchez-Sotelo, and B Morrey

Journal of Bone and Joint Surgery – American, Nov 2010; 92: 2576-2582.

“How to Treat Elbow Dislocations: Simple and Complex.”

B Cass, C Nagaraj

Australian Rural Doctor, August 2010.

“Methods to Reduce Collateral Damage caused by K Wire fixation of distal radial fractures.”

S Gupta, B Cass, et al., Department of Anatomy, Sydney University and Royal Prince Alfred Hospital

Proceedings of the 2005 Annual Scientific Meeting of the Australian Orthopaedic Association. Page 20- 21; TS21; ISBN 0-9591989-3, 2005.

“Analysis of outcomes of rheumatoid forefoot reconstruction using a pedobarographic database.”

C Cass and B Cass

SICOT World Conference Publication of Proceedings. Sydney, Australia, April 18-23, 1999.

“Rota-Lok synthetic graft augmentation of rotator cuff repair in massive rotator cuff tears.”

LM Kruse, TM Falconer, B Cass and AA Young

Submitted to: The Journal of Bone and Joint Surgery

“Validation study of using bathroom scales for the strength test in the Constant-Murley shoulder assessment.”

A Kamra, O Dorrestijn, SE Gwilym, AA Young, M Baba and B Cass.

Submitted to: Clinical Orthopaedics and Related Research

2016

“Contamination of the surgical field with propiobacterium acnes in shoulder arthroplasty.”

With T Falconer, M Baba, L Kruse, M Smith, M Figtree and AA Young
Biennial Closed Conference
Shoulder & Elbow Society of Australia
Darwin Convention Centre, AUSTRALIA

“Rota-Lok Synthetic Graft Augmentation of Rotator Cuff Repair in Massive Rotator Cuff Tears.”

With T Falconer, M Baba, L Kruse, M Smith, M Figtree and AA Young
Biennial Closed Conference
Shoulder & Elbow Society of Australia
Darwin Convention Centre, AUSTRALIA

2015

“Long term outcomes and safety of distal Biceps repairs using a modified entry point.”

With M Baba, J Leon, M Symes, O Dorrestijn and AA Young
AOA Annual Scientific Meeting,
Brisbane, AUSTRALIA

“Contamination of the surgical field with propiobacterium acnes in shoulder arthroplasty.”

With T Falconer, M Baba, L Kruse, M Smith, M Figtree and AA Young
AOA Annual Scientific Meeting,
Brisbane, AUSTRALIA

“Rate of Propionibacterium Acnes in Arthritic Shoulders Undergoing Primary Total Shoulder Replacement Surgery.”

With AA Young, O Dorrestijn and M Baba
SECEC Annual Congress,
Milan, ITALY

“Improving medial footprint coverage in double row cuff repair using Fibretape.”

With AA Young, R Appleyard, J Cadman, M Baba and
O Dorrestijn
SECEC Annual Congress,
Milan, ITALY

“Validation study of using bathroom scales for the strength test in the Constant-Murley shoulder assessment.”

With A Kamra, O Dorrestijn, SE Gwilym, AA Young and M Baba
SECEC Annual Congress,
Milan, ITALY

“Improving medial footprint coverage in double row cuff repair using Fibretape.”

With AA Young, R Appleyard, J Cadman, M Baba and
O Dorrestijn
SECEC Annual Congress,
Milan, ITALY

“Validation study of using bathroom scales for the strength test in the Constant-Murley shoulder assessment.”

With A Kamra, O Dorrestijn, SE Gwilym, AA Young and M Baba.
SECEC Annual Congress,
Milan, ITALY

“Rate of Propionibacterium Acnes in Arthritic Shoulders Undergoing Primary Total Shoulder Replacement Surgery.”

With B Cass, O Dorrestijn and M Baba
Shoulder and Elbow Society of Australia Conference,
Melbourne, AUSTRALIA

“Hemiarthroplasty for unreconstructable humerus fractures.”

Asia Pacific Total Shoulder Solutions Course
Singapore General Hospital,
SINGAPORE

“Reverse Shoulder Arthroplasty – How I Do It.”

Asia Pacific Total Shoulder Solutions Course
Singapore General Hospital,
SINGAPORE

“Suture Technique using Sawbones.”

Asia Pacific Total Shoulder Solutions Course
Singapore General Hospital,
SINGAPORE

2010

“Radial Head Replacement with a Pyrocarbon Head Prosthesis: Retrospective Functional and Radiological Evaluation.”

12th Meeting of the Combined Orthopaedic Association
Glasgow, UNITED KINGDOM

“Treatment of Elbow Fractures with a New Anatomic Locking Plate: The Depuy ALPS Plate.”

Shoulder and Elbow Society of Australia Bi-annual Closed
Conference
Sydney, AUSTRALIA

2008

“Management of Acromioclavicular Joint Disruption Associated with Clavicular Fractures.” With J Yu

Orthopaedic Sports Medicine Symposium,
Royal North Shore Hospital,
Sydney, AUSTRALIA

“Clinical Algorithm for Fractures / Dislocations of the Elbow.”

International Trauma Conference, Sydney, AUSTRALIA

2007

“Long-Term Outcome of Resection Arthroplasty for the Failed Total Elbow Arthroplasty.”

(Presentation, abstract and poster)

American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, USA

2006

“Mini-open vs. Percutaneous K-Wiring of Distal Radius Fractures. Decreased complications; an anatomical study of 36 cadavers with dissection & grading of superficial radial nerve damage.”

Supervisor: Dr F Stewart

Anatomy Department, University of Sydney.

Presented to American Academy of Orthopaedic Surgeons, Chicago, USA

“Methods to Reduce Collateral Damage with K Wire Fixation of the Distal Radius.” (Podium Presentation)

With S. Gupta, B Schick, W Wong, F Stewart and D Ryan

Australian Orthopaedic Association

Annual Scientific Conference,

Perth, AUSTRALIA

2003

“Mini-open vs. Percutaneous K-Wiring of Distal Radius Fractures. Decreased complications? An anatomical study.”

(Podium Presentation)

Australian Orthopaedics Registrars Association Annual Conference

Supervisor: Dr F. Stewart. Anatomy Department,
University of Sydney,
Sydney, AUSTRALIA

2000

Investigations for Suspected Discitis. MRI vs. Bone Scan.”

Supervisor: Dr S Ruff, Royal North Shore Hospital

Australian Orthopaedic Association

NSW conference

Royal North Shore Hospital,
Sydney, AUSTRALIA

1999

“Analysis of the Long Term outcomes of Rheumatoid Forefoot surgery using pedobarographic analysis of outcomes.”

With C Cass

SICOT 19th World Conference, Sydney, AUSTRALIA

In March of 2012, I founded Sydney Shoulder Research Institute (“SSRI”) with fellow Orthopaedic Surgeon, Dr Allan Young.

SSRI is dedicated to undertaking research that will translate into real patient outcomes and innovations in the field of orthopaedic surgery. SSRI focuses on only a select number of projects at any given time to maximise the quality of our research.

Each year, SSRI appoints two Fellows to undertake independent and collaborative research projects while developing their surgical, clinical and teaching skills under the expert guidance of Dr Young and myself as well as our esteemed colleagues Dr Jeffery Hughes and Prof David Sonnabend.

Visit www.ssri.net.au for more information.



2006 to 2008

University of Sydney Medical School Tutor and Examiner
Clinical Examination Tutor GMP 1, 2 & 3
Royal North Shore Hospital

2005 to 2007

Anatomy Tutor for Royal Australasian College of Surgeons
Upper and Lower Limb Dissection Course
Department of Anatomy & Histology,
University of Sydney

2003

University of Sydney Medical School Tutor and Examiner
Clinical Examination Tutor GMP 1, 2 & 3
Royal North Shore Hospital

Anatomy Tutor for Royal Australasian College of Surgeons
Upper and Lower Limb Dissection Course
Department of Anatomy & Histology,
University of Sydney

Since 1996

Golf

Member

Monash Country Club

Since 1995

Rugby Union

Life Member

NSW Rugby Union

1987 to 1996

Debating

Sydney Grammar First Debating Team

Combined GPS First Debating Team

University of Sydney First Debating Team

1989 to 1994

Student Activities

Elected Representative

Medical Society

University of Sydney

www.sydneyshoulder.com.au