



curriculum vitae
dr benjamin cass
shoulder & elbow surgeon



Dr Benjamin Cass

MBBS MS

FRACS (Orth) FAOrthA MASES



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Sydney Shoulder Specialists
Suite 201
156 Pacific Highway
St Leonards NSW 2065
AUSTRALIA



Phone 61 2 9460 8888 Fax 61 2 9460 6064

education

- 2017** MASES
Member, American Shoulder and Elbow Society
- 2006
to
2011** Masters of Surgery
Faculty of Medicine
The University of Sydney
- 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

current appointments

**Since
2021**

Design Surgeon
Zimmer Biomet

**Since
2010**

Visiting Medical Officer
Royal North Shore Hospital
Mater Private Hospital
North Shore Private Hospital
Castlecrag Private Hospital
East Sydney Private Hospital
St Luke's 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 program NSW042)

previous appointments

- 2013
to
2016** **Design Surgeon**
Deputy-Synthes Revision Total Shoulder
Replacement Team
Helios Revision Total Shoulder System
- 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

prizes and awards

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

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

A study on bone erosion in rheumatoid arthritis using in-situ hybridisation microscopy of the calcitonin receptor

Research completed in the Department of Orthopaedics, Brigham & Women's Hospital, Boston, USA

The Macquarie Pathology Services Prize

University of Sydney

A study on bone erosion in rheumatoid arthritis using in-situ hybridisation microscopy of the calcitonin receptor

Research 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

All courses held in Sydney, AUSTRALIA unless otherwise specified

2023

Invited Lecturer

Stems- stemless, micro, mini: How do I decide?
Advanced Shoulder Arthroplasty Symposium

Invited Lecturer

Complex primary reverse arthroplasty - lessons learned over the years
Advanced Shoulder Arthroplasty Symposium

Invited Lecturer

The unstable reverse - why and how I manage it
Advanced Shoulder Arthroplasty Symposium

Member, Discussion Panel

Complex primary arthroplasty: pre-op planning to intra-op execution
Advanced Shoulder Arthroplasty Symposium

Member, Discussion Panel

Controversies in primary arthroplasty in 2023
Advanced Shoulder Arthroplasty Symposium

Member, Discussion Panel

Evaluation of the failed arthroplasty
Advanced Shoulder Arthroplasty Symposium

Member, Discussion Panel

Complications after anatomic and reverse arthroplasty
Advanced Shoulder Arthroplasty Symposium

Member, Discussion Panel

Disaster cases
Advanced Shoulder Arthroplasty Symposium

2022

Moderator

Shoulder Arthroplasty 2022 - Where are we now?
Royal North Shore Shoulder Symposium

Moderator

Battle Rounds
Royal North Shore Shoulder Symposium

Moderator

How I Do It - The Evolution of My Technique
Royal North Shore Shoulder Symposium

Invited Lecturer

The Stiff Elbow
Combined AOA RACS AMLC Medico-Legal
Annual Scientific Meeting

Invited Lecturer

Subscapularis what should I do and does it matter?
Advanced Shoulder Arthroplasty Symposium:
Tips, Techniques and Controversies in Shoulder Arthroplasty

Member, Discussion Panel

Challenges in Primary and Revision Arthroplasty
Advanced Shoulder Arthroplasty Symposium:
Tips, Techniques and Controversies in Shoulder Arthroplasty

Member, Discussion Panel

Management of RSA Complications
Advanced Shoulder Arthroplasty Symposium:
Tips, Techniques and Controversies in Shoulder Arthroplasty

Member, Discussion Panel

Controversies in Primary Reverse Arthroplasty

Advanced Shoulder Arthroplasty Symposium:

Tips, Techniques and Controversies in Shoulder Arthroplasty

Invited Lecturer

Elbow Trauma

Asian Morrey Elbow Virtual Meeting

Invited Lecturer

Total Elbow Replacement

Australian Orthopaedic Association

2021

Invited Lecturer

Reverse Total Shoulder Replacement

Delmar Private & Manly Waters Private Hospitals

Scientific Session Moderator

AC Joint Issues

AOA Continuing Orthopaedic Education

Invited Lecturer

Managing C Acnes infections in shoulder arthroplasty

Irish Shoulder and Elbow Society (VIRTUAL MEETING)

2020

Invited Lecturer

3-4 part Fracture of Proximal Humerus

Traumacon World 2020 Meeting

Australian Orthopaedic Association (VIRTUAL MEETING)

Course Coordinator

Shoulder Symposium (2 day course)

Royal North Shore Hospital

2019

Invited Lecturer

The GT index - a predictor of rotator cuff tearing?

Meeting of the Victorian Shoulder and Elbow Society

MELBOURNE, Australia

Invited Lecturer

Pump pressure considerations in shoulder arthroscopy

Meeting of the Victorian Shoulder and Elbow Society

MELBOURNE, Australia

Invited Lecturer

Tranexamic Acid in shoulder surgery

Meeting of the Victorian Shoulder and Elbow Society

MELBOURNE, Australia

Invited Lecturer

Shoulder On - for GPs and Physiotherapists

North Shore Private Hospital

Invited Lecturer

Arthroplasty: Difficult Cases

Bone Preservation and Mechanisms Meeting

Invited Panel Member

Shoulder Trauma: ORIF or RTSR?

Advanced Shoulder and Elbow Symposium

Course Coordinator

Shoulder Symposium (2 day course)
Royal North Shore Hospital

Invited Lecturer

Glenohumeral Osteoarthritis - Surgical and non-surgical management, when to refer
GP Orthopaedic Masterclass, Mater Hospital

Invited Lecturer

Current Treatment Options for Infected Shoulder Replacement (EXPAREL)
Challenging Shoulder Symposium

2018

Invited Lecturer

The Posterior Approach
Upper Limb Cadaveric Dissection Course
Osteosynthesis and Trauma Care Foundation
Royal North Shore Hospital

Invited Lecturer

Shoulder Replacement
North Shore Private Hospital

Invited Lecturer

Shoulder Surgery
Orthopaedic Nursing Series
Royal North Shore Hospital

Scientific Session Chair

RSA: The Humerus
Shoulder Arthroplasty Masters Meeting

Invited Lecturer

Glenoid Fixation: Pegs vs Screws
Shoulder Arthroplasty Masters Meeting

Invited Lecturer

Glenoid Access: Tips and Tricks
Shoulder Arthroplasty: Anatomy Workshop

Course Coordinator

Shoulder Symposium (2 day course)
Royal North Shore Hospital

2017

Scientific Session Chair

Primary Surgery in Reverse Shoulders
International Reverse Shoulder Arthroplasty Symposium
Melbourne, AUSTRALIA

Invited Lecturer

Prevention of Bleeding in Reverse Shoulders
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

Invited Lecturer

Fracture Dislocations of the Elbow: The Game Changers
Innovative Solutions for Upper Limb Fractures
Bioskills Course
Bangkok, THAILAND

Invited Lecturer

Decision Making in Radial Head Fractures: Excise, fix or replace
Innovative Solutions for Upper Limb Fractures
Bioskills Course
Bangkok, THAILAND

Invited Lecturer

Management of Lateral Clavicle Fractures
Innovative Solutions for Upper Limb Fractures
Bioskills Course
Bangkok, THAILAND

Invited Lecturer

Arthroscopic Rotator Cuff Repair
Innovative Solutions for Upper Limb Fractures
Bioskills Course
Bangkok, THAILAND

Invited Lecturer

Glenohumeral Osteoarthritis/Cuff Arthropathy
GP Orthopaedic Masterclass, Mater Hospital

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 with Dr Greg Bain

Arthroplasty Outcomes

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

Hands-on Workshop

DePuy Global Unite Anatomic Cadaver Workshop

Royal Melbourne Hospital, 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 Delta Xtend Training (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 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

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

Upper Limb Dissection Course (2 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

Invited Lecturer

Sporting Injuries to the Shoulder and Elbow

GP Seminar Series, Mater 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

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

2005

Course Participant and Certification Recipient

Ethical principles of research & publication training

National Institute of Health,

Mayo Clinic, Rochester, USA

A Shoulder/Elbow Triage and Assessment model of care reduced a public orthopaedic shoulder/elbow clinic waitlist with high patient satisfaction

C Avdalis, D Taylor, B Cass, TE Lambert, G Langron, R Mittal, M Spasojevic and TR Moopanar

ANZ Journal of Surgery, 2023 Jan 19. doi: 10.1111/ans.18282.

Optimising Screw Trajectory in the Bristow-Latarjet Procedure: A Simple Technique to Improve the Alpha Angle

RLE Tang, SP Mackenzie, D Cuzmar Grimalt, AA Young, R Niu, OJ Mattern and B Cass

Journal of Orthopedic Surgery and Techniques, 2022;5(2): 487-493.

Subacromial osteochondroma and rotator cuff tear in a young adult with multiple osteochondromas

M Spasojevic, SP Mackenzie, AA Young and B Cass

JSES Reviews, Reports, and Techniques, 2022 Feb;2(1):92-95

The effect of single-dose, preoperative intravenous tranexamic acid on early postoperative pain scores after rotator cuff repair: a double-blind, randomized controlled trial

SP Mackenzie, M Spasojevic, M Smith, O Mattern, RP Piggott, SS Patel, N Bedaiwy, B Cass and A Young

Journal of Shoulder and Elbow Surgery, 2022 Jul;31(7):1399-1408

Implication of bone morphology in degenerative rotator cuff lesions: a prospective comparative study between Greater Tuberosity Angle and Critical Shoulder Angle

G Cunningham, C Coor, MM Smith, AA Young, B Cass and BK Moor.

Orthopaedics & Traumatology: Surgery & Research, 2022

Apr;108(2):103046

*for the most up to date listings visit

<https://www.ssri.net.au/publications-dr-benjamin-cass/>

Wrist mounted accelerometers provide objective evidence of disease and recovery in patients with frozen shoulder

SP Mackenzie, M McLean, M Spasojevic, R Niu, LM Kruse, J Gwynne, AA Young and B Cass

JSES International, 2022 Jan;6(1):III-II5

A Single Dose of Tranexamic Acid Reduces Blood Loss After Reverse and Anatomic Shoulder Arthroplasty: A Randomized Control Trial

G Cunningham, J Hughes, B Borner, O Mattern, M Taha, MM Smith, AA Young and B Cass.

Journal of Shoulder and Elbow Surgery, 2021 Jan;30: 1553-1560

Accuracy of arthroscopic fluid pump systems in shoulder surgery: a comparison of 3 different pump systems

ME Taha, K Schneider, MM Smith, G Cunningham, AA Young and B Cass

Journal of Shoulder and Elbow Surgery, 2020 Dec;29(12):2626-2631.

A biomechanical comparison of different suture materials used for arthroscopic shoulder procedures

ME Taha, E Clarke, D O'Briain, MM Smith, G Cunningham, B Cass and AA Young

Arthroscopy, 2020 Mar; 36(3):708-713.

Core set of unfavorable events of shoulder arthroplasty: an international Delphi consensus process

L Audige, H-K Schwyzer, Shoulder Arthroplasty Core Event Set (SA CES) Consensus Panel* and H Durchholz.

Journal of Shoulder and Elbow Surgery, 2019 Nov;28(11):2061-2071.z

*for the most up to date listings visit

<https://www.ssri.net.au/publications-dr-benjamin-cass/>

Core Set of Radiographic Parameters for Shoulder Arthroplasty Monitoring: Criteria Defined by an International Delphi Consensus Process

H Durcholz, B Salomonsson, P Moroder, S Lambert, R Page and L Audige on behalf of the Shoulder Arthroplasty (SA) Monitoring Steering Group*

The Journal of Bone and Joint Surgery, 2019 Oct 22;4(4):e0025. doi: 10.2106/JBJS.OA.19.00025

Healing of partial-thickness rotator cuff tears following arthroscopic augmentation with a highly-porous collagen implant: a 5-year clinical and MRI follow-up

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

Muscles, Ligaments and Tendons Journal, 2019 Jul;9(3):338-347.

Comparative analysis of two glenoid version measurement methods in variable axial slices on 3D-reconstructed CT scans

G Cunningham, J Freebody, MM Smith, ME Taha, AA Young, B Cass and B Giuffre

Journal of Shoulder and Elbow Surgery, 2018 Oct;27(10):1809-1815.

*Dr Cass was an invited member of the Panel/Group

Early Sling Discontinuation Following Rotator Cuff Repair

L Kruse, T Falconer, SJ Dimmick, JC Balestro, G Cunningham, B Cass and AA Young

Techniques in Shoulder & Elbow Surgery, 2018 Sep;19(3):106-110.

The greater tuberosity angle: a new predictor for rotator cuff tears

G Cunningham, M Smith, AA Young and B Cass

Journal of Shoulder and Elbow Surgery, 2018 Aug;27(8):1415-1421.

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.

2019

The Greater Tuberosity Angle: A New Predictor for Rotator Cuff Tear

With G Cunningham, E Nicodeme-Paulin, MM Smith, N Holzer and AA Young

AAOS Annual Meeting

Las Vegas, UNITED STATES OF AMERICA

2018

Systemic Tranexamic Acid in Shoulder Arthroplasty: a multi-centre double blinded randomised control trial

With S Donald and AA Young

Biennial Closed Conference

Shoulder & Elbow Society of Australia

Perth, AUSTRALIA

Validation Study of Using Bathroom Scales for the Strength Test in the Constant-Murley Shoulder Assessment

With D Cuzmar Grimalt and AA Young

Biennial Closed Conference

Shoulder & Elbow Society of Australia

Perth, AUSTRALIA

Fitness Band Use in Shoulder Evaluation (FUSE Trial): Before and After Capsular Release for Adhesive Capsulitis

With R Niu, L Kruse, MM Smith and J Gwynne

Biennial Closed Conference

Shoulder & Elbow Society of Australia

Perth, AUSTRALIA

2017

The Accuracy of Arthroscopic Fluid Pump Systems in Shoulder Surgery

With ME Taha, MM Smith, G Cunningham e and AA Young

Congress of the European Society for Surgery of the Shoulder and the Elbow

Geneva, SWITZERLAND

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 propionibacterium 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

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, AUSTRALIA

Clinical Algorithm for Fractures / Dislocations of the Elbow

International Trauma Conference
Sydney, AUSTRALIA

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, 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 Dr C Cass

SICOT 19th World Conference, Sydney, AUSTRALIA

ongoing research*

- **Biomechanical and cadaveric study on superior and anterior-posterior displacement following acromioclavicular joint stabilisation: a comparison of three constructs**
- **Reverse Total Shoulder Arthroplasty: Comparative Study of New Technologies**
- **Muscle advancement in massive rotator cuff repair**
- **Affinis Glenoid vitamys uncemented Trial: A Prospective Study to Assess Primary Anatomical Shoulder Arthroplasty Outcomes in Patients Diagnosed with Glenohumeral Arthritis**
- **Long Term Follow Up of Total Shoulder Arthroplasty**
- **Long Term Follow Up of Reverse Total Shoulder Arthroplasty**
- **Long Term Follow Up of Hemiarthroplasty**
- **Long Term Follow Up of Total Elbow Arthroplasty**

*a selection of projects Dr Cass is currently involved in
further details can be found at www.ssri.net.au

In March of 2012, Dr Cass 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 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 Cass, Dr Young and their esteemed colleagues Dr Jeffery Hughes, Dr Terence Moopanar and Emeritus Prof David Sonnabend AM.

Visit ssri.net.au for more information.



surgeons trained by Dr Cass

Year	Name	Home country
2012	Dr Michael Leonard	Ireland
2012	Dr Stephen Gwilym	England
2012	Dr Murali Reddy	New Zealand
2013	Dr Cristobal Maccioni Romero	Chile
2013	Dr Jean-Christian Balestro	France
2014	Dr Mohammed Baba	Australia (Sydney)
2014	Dr Oscar Dorrestijn	The Netherlands
2015	Dr Travis Falconer	Australia (Perth)
2015	Dr Gregory Cunningham	Switzerland
2015	Dr Lisa Kruse	United States of America
2016	Dr David O'Briain	Ireland
2017	Dr Mohy Taha	Switzerland
2017	Dr Owen Mattern	Australia (Melbourne)
2017	Dr Rui Niu	Australia (Sydney)
2018	Dr Diego Cuzmar Grimalt	Chile
2018	Dr Simon Donald	Australia (Sydney)
2018	Dr Haren Nandapalan	Australia (Sydney)
2018	Dr Terence Moopanar	Australia (Sydney)
2019	Dr Andreeanne Marmen	Canada
2019	Dr Michael Riediger	Canada
2020	Dr Najla Bedawi	Saudi Arabia
2021	Dr Milos Spasojevic	Switzerland
2021	Dr Samuel Mackenzie	Scotland
2021	Dr Robert Piggott	Ireland
2022	Dr Rebecca Tang	Australia (Melbourne)
2022	Dr Thomas Clifton	Australia (Perth)
2022	Dr Adil Ahmed	United States of America

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