



curriculum vitae
dr benjamin cass
shoulder & elbow surgeon



Dr Benjamin Cass

MBBS MS

FRACS (Orth) FAOrthA MASES



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Sydney Shoulder Specialists
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St Leonards NSW 2065
AUSTRALIA



Phone 61 2 9460 8888 Fax 61 2 9460 6064

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

Depuy-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

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

teaching and CPD

All courses held in Sydney, AUSTRALIA unless otherwise specified

2024

Moderator

ACJ and Fracture

SESA Biennial Conference

Brisbane, AUSTRALIA

Invited Lecturer

*The Next Frontier in Shoulder Surgery - Where Clinical Performance Meets
Enabling Technology*

SESA Biennial Conference

Brisbane, AUSTRALIA

Panel Member

Augmentation

SESA Biennial Conference

Brisbane, AUSTRALIA

Moderator

Reverse Shoulder Replacement - The State of Play 2024

Royal North Shore Shoulder Symposium

Moderator

Battle Rounds

Royal North Shore Shoulder Symposium

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

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

2005

Course Participant and Certification Recipient

Ethical principles of research & publication training

National Institute of Health,

Mayo Clinic, Rochester, USA

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

Developing a three-dimensional convolutional neural network for automated full-volume multi-tissue segmentation of the shoulder with comparisons to Goutallier classification and partial volume muscle quality analysis

B Kim, Z Gandomkar, MJ McKay, AL Seitz, EO Wesselink B Cass, AAYoung, JM Linklater, J Szajer, K Subbiah, JM Elliott and KA Weber
Journal of Shoulder and Elbow Surgery, 2025 (in press)

ChatGPT: A Patient Education Tool for Common Shoulder Pathology

U Ghilzai, B Fiedler, A Ghali, A Singh, B Cass, A Young and AS Ahmed
Shoulder & Elbow, 2024 (in press)

The Tightrope Study: A cadaveric, biomechanical comparison of generations of suspensory fixation with internal brace for Rockwood grade V AC joint injuries.

TK Clifton, AS Ahmed, RP Piggott, E Clarke, M Boudali, MM Smith, B Cass and AA Young
Journal of Shoulder and Elbow Surgery, 2024 Aug 13;S1058-2746(24)00553-6

Mid-Term Follow Up of the Nexel Total Elbow Arthroplasty

AS Ahmed, T Clifton, K Subbiah, M Spasojevic, A Young, B Cass, A Marmen, R Yu, C Burton, MM Smith and J Hughes
Journal of Shoulder and Elbow Surgery, 2024 Aug; 33(8):1699-1708

Successful reverse total shoulder replacement in a patient with Apert syndrome

C Burton, DP Koong, K Seagrave, M Spasojevic, SMackenzie and B Cass
Shoulder & Elbow, 2023;0(0). doi:10.1177/17585732231207365

Sequential Release and Muscle Slide of Irreparable Rotator Cuff Tears Results in Linear Gains in Tendon Mobility

M Riediger, M Shareef, AA Young and B Cass
Arthroscopy, Sports Medicine, Rehabilitation, 2023 Oct;5(5):100756

*for the most up to date listings visit <https://www.ssri.net.au/publications-dr-benjamin-cass/>

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.

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

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

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):111-115

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

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

H Durchholz, 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 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 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

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

- 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 vitreous 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
2010	Dr Diarmuid Molony	Ireland
2011	Dr Geoffrey Smith	Australia (Sydney)
2011	Dr Fredrik Einarsson	Sweden
2011	Dr Denise Mackey	Canada
2011	Dr Christopher Smithers	Australia (Sydney)
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

surgeons trained by Dr Cass

Year	Name	Home country
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
2023	Dr Cameron Handford	Australia (Sydney)
2023	Dr K Kushalappa Subbiah	India
2023	Dr Matthew Donaldson	Australia (Sydney)
2024	Dr Anand Ashok Kumar	India
2024	Dr Rory Cuthbert	England
2025	Dr Benoit Borner	Switzerland

Since 1996

Golf

Member

Monash Country Club

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



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