

CURRICULUM VITAE (abridged)

NAME: **MICHAEL JOHN SANDOW**

Private Rooms:

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QUALIFICATIONS: Matriculation: Prince Alfred College Adelaide, South Australia 1973
B.M.B.S.: Flinders University of South Australia, June 1980
R.A.C.S. Basic Surgical Training: 1981-1982
R.A.C.S. Advanced Orthopaedic Training: 1984-1988
F.R.A.C.S. Feb 1988
Hand and Microsurgery Fellowship: July 1988-July 1989
Duke University Medical Center, Durham North Carolina, USA.
(Dr James Urbaniak, MD)
FAOrthA: September 1993
E.M.S.T.: Certified August 1990
PhD student (PhD by Prior Publication) – December 2019

SPECIAL AWARDS:

ESR Hughes Medal - RACS 2014 (2013)

Australian Orthopaedic Association – Meritorious Award 2013

A.B.C. Travelling Fellowship, May 15-June 26, 1996.

American Hand Surgery Society: 2003

3D Carpal Imaging & Animation Scientific Exhibit:
Best Scientific Content (1st Prize)

Thumb Basal Joint Fusion – Effect of Soft Tissue Release:
Honourable Mention

American Hand Surgery Society representative to AAOS Feb 2004

3D Carpal Imaging & Animation

Australian Hand Surgery Society (SA Branch Annual General Meeting), 2001

Keith Dodridge Prize for Best Paper: “3D Carpal Animation”.

Australian Hand Surgery Society (SA Branch Annual General Meeting), 2008

Keith Dodridge Prize for Best Paper: “Osteotomy 5th CMC joint”.

Australian Hand Surgery Society:

Best Paper of Annual Meeting March 2017
Best Paper of Annual Meeting, March 1993
Best Paper of Annual Meeting, March 1999
Best Paper of Annual Meeting, March 2000

Australian Orthopaedic Association

Evelyn Hamilton Prize, Best Paper of ASM Meeting, September 1993.
Best paper of ASM 2008

Secrets of Australian IT Innovation – eHealth

Second prize November 2004 (True Life Anatomy)

University of Adelaide HECS Postgraduate Scholarship 1993-1997

Global Arthroscopy Study Group (Florida, May 1995) sponsored by Linvatec.

Hong Kong Travelling Fellowship (Australian ambassador), October 1993

Presentation of invited paper. Sponsored by H.K.O.A. and A.O.A.

CURRENT POSITIONS:

Clinical Associate Professor, University of Adelaide

President, Australian Hand Surgery Society

Past President, Shoulder and Elbow Society of Australia

Board Member - current Australian Society of Orthopaedic Surgeons

Commissioned Officer (temp Lt Col., substantive Major)

Royal Australian Army Medical Corp. AASM East Timor.

Visiting Orthopaedic Surgeon, St Andrews, Parkwynd, Wakefield Hospitals

PREVIOUS POSITIONS:

Senior Visiting Medical Officer, Department of Orthopaedics and Trauma
Royal Adelaide Hospital 1989 - 2015

Director, Orthopaedic Hand and Upper Limb Service, Department of
Orthopaedics and Trauma, Royal Adelaide Hospital 2002 - 2015

Past Board Member, Australian Orthopaedic Association

Past State Chairman, State Branch, Australian Orthopaedic Association

O.S.C.A. Examiner, Royal Australasian College of Surgeons

Representative for Department of Orthopaedics and Trauma on Australian
Orthopaedic Association Board of Studies (from March 1997)

Chairman, Wakefield Orthopaedic Clinic 2010 – 2012

Group Leader, Standards Australia – Digital imaging ATS – 2013

NEHTA – Clinical Lead 2011-2013

MEDICAL SOCIETY MEMBERSHIPS:

Association of Military Orthopaedic Surgeons

Australian Hand Surgery Society – (Board 2006 – present)

Australian Medical Association

Australian Military Medicine Association

Australian Orthopaedic Association - Fellow

Australian Orthopaedic Association (SA Branch)

Australian Shoulder and Elbow Society

Australian Society of Orthopaedic Surgeons - Director

Australian Sports Medicine Federation – SA

Australian Pomegranate Association Inc (Founding President)

Flinders Alumni Association - Life Member

Royal Australasian College of Surgeons - Fellow

South Australian Hand Surgery Society

Asia Pacific Orthopaedic Association

World Orthopaedic Concern

American Hand Surgery Society, International Member 2002

American Academy of Orthopaedic Surgeons – International Member 2004

American Shoulder and Elbow Surgeons – Corresponding Member 2006

Duke Hand Club

Piedmont Society

International Arthroscopy Association / ISAKOS

COMMITTEE APPOINTMENTS:

Australian Orthopaedic Association, Digital Imaging Committee, 2015-2018

Australian Orthopaedic Association, ABA Fellowship- committee 2013-present

Group Leader: Digital Imaging guidelines development, Standards Australia -
2013

Dept. of Health & Aging, Diagnostic Imaging Advisory Committee: Committee
Member 2012-2014

NeHTA: Clinical Lead 2010-2012

AOA: Director 2010-2012

AOA (SA): Director 2010-2012

Australian Society of Orthopaedic Surgeons: Federal Treasurer 1993-1999

Australian Society of Orthopaedic Surgeons (SA Branch): Secretary/Treasurer
1992-present

Orthopaedic Corporation of Australia: Director 1995-present

Royal Adelaide Hospital “Booz Allen RAH Review-Theatre Task Force”
1990-1992

Royal Adelaide Hospital, Dept Orthopaedics & Trauma - Theatre and
Instrument Committee: 1992-2000

R.A.C.S. Advanced Orthopaedic Training S.A. Selection Committee 1993,4

Department of Recreation & Sport. Sports Medicine Action Team
(Sport Industry Cluster 1999).

- EDITORSHIP:** Associate Editor for the Journal of Shoulder and Elbow Surgery (2000 - present).
- MEETINGS CONVENED:** Australian Hand Surgery Society, Clare South Australia. 1999
 SESA ASM Adelaide 2000
 AHSS (SA) Adelaide 2000AOA/ AAOS Combined Arthroscopy Workshop, Canberra 2001
 AHSS (SA) Adelaide 2009
 AOA ASM Adelaide 2010
 SESA ASM Darwin 2016
- EDITORIAL REVIEW:** Journal of Shoulder and Elbow Surgery – Associate Editor (from 2000)
 British Journal of Sports Medicine
 Medical Journal of Australia
 Australian and New Zealand Journal of Surgery
 Journal of Hand Surgery (British)
 Journal of Bone and Joint Surgery
- OTHER INTERESTS:** Sporting: Polo (0 goal rating), Rowing
 Restoration veteran car (1936 Chevrolet)
 Vineyard development (Wakefield Valley)
 Australian Pomegranate Association, President 2017-2018
 Australian Pomegranate Association, Secretary/ Treasurer 2018 -
 3D Imaging Software Development – True Life Anatomy

Specific prospective studies:

- * Long term review of costo-osteochondral rib graft to scaphoid reconstruction.
- * Use of a transparent occlusive dressing for fingertip injuries
- * Long term review of bone grafting for scaphoid non union
- * Long term review of arthroscopic verses open procedures for anterior shoulder stability
- * Use of the tantalum augment to address bone deficiency in the glenoid in total shoulder arthroplasty
- * Novel anchoring mechanism for arthroscopic shoulder rotator cuff repairs (WEDGELOK)
- * Research on carpal instability with a paper currently in draft form on the central stable column theory of carpal mechanics. Research is based on computationally derived isometric constraints in the wrist
- * A study being conducted in conjunction with the Dept of Engineering, University of Adelaide (Carl Howard) and private IT industry instrument innovations.
 The precision bone grafting set. A system of bone grafting tools to facilitate small bone graft harvest and reconstruction, particularly the scaphoid and other areas of the carpus.
- * PACTAN approximation device to facilitate flexor tendon repair
- * The shoulder traction brace used for arthroplasty, innovations to add a second arm to allow lateral traction of the shoulder to improve visualisation during arthroscopy.
- * A tennis elbow exercise device currently in prototype form.

Instrument Development

P.G.B.S. (Precision Bone Grafting System):

A set of tube saws developed for a range of bone grafting techniques within the wrist and other areas of the body. Locally manufactured equipment which has been recently launched in the USA through an American distributor.

Pactan (Tendon Nerve and Artery Coaptation Device):

An instrument to facilitate the repair of tendons, arteries and nerves. Locally developed and manufactured instrument which has been recently launched in USA through Wright Medical Technology (see brochure).

Shoulder Arthroscopy Traction Device:

A jig for applying double level traction to the shoulder during arthroscopy to facilitate glenohumeral view. The system employs a double traction arm.

PMGA – Porous Metal Glenoid Augment

A device to address glenoid retroversion as part of anatomical shoulder arthroplasty.

ATOK – Arthroscopic Transosseous knotless Shoulder anchor.

A device to facilitate the repair of rotator cuff tear in the shoulder.

Publication and expanded CV available on request.