

Curriculum Vitae

WARWICK JAMES MOODY BRUCE

MB,BS,FRACS,FICS,FAOrthA
Clinical Professor – Concord Clinical School- The University of Sydney

AHPRA: MED0001019797

Education

SECONDARY EDUCATION 1967 - 1972

St Joseph's College
Hunters Hill

TERTIARY EDUCATION

The University of Sydney

ACADEMIC/SPORTING ACHIEVEMENTS

Senior Debating Team St Joseph's College 1971

Economic Prize St Joseph's College 1972

2nd XV 1971 S.J.C.

1st XV 1972 S.J.C.

Best and Fairest 1st XV 1972 S.J.C.

Best and Fairest SJC Touring Team 1st XV to New Zealand 1972

Senior Athletics Team 1972 St Patrick's Day Champions

Winner - St Patrick's Day 200m. championship

Senior Athletics Team 1971, 1972 S.J.C.

(G.P.S. Champions 1971)

Representative State Athletics Team 1973 – 74

110m Hurdles; 400m Hurdles; Long Jump

Represented in 110m Hurdles and Long Jump in test match against New Zealand 1974

Intersarsity Representative The University of Sydney in Brisbane 1976

Decathlon

4 by 100 m Relay

Long Jump

INTERVARSITY CHAMPIONS

Competed Sydney Games in 110m Hurdles 1974, 1975

Winner A.O.A. teams event Golf

Perth 1996

Runner-up A.O.A. Golf Singles Event

Perth 1996

Winner Zimmer Pairs Golf Event 1996

Winner Korea Knee Society Golf Tournament

November 1996

Winner Arthroplasty Society Golf Tournament 1997, 1998, 2001

Winner Stableford Singles Event

Smith and Nephew Winter Meeting

July 2004

Third Place Australian Orthopaedic Association Annual Scientific Meeting

Perth, October, 2005

Winner, Singles Event, Stryker Annual Golf Day

November 2005

Degrees

M.B.,B.S. (O.B.L.), The University of Sydney October, 1978

Primary F.R.A.C.S August, 1981

Indonesian Fellowship Exam, F.I.C. April, 1985

F.R.A.C.S January, 1988

F.A. Orth. A .March 1991

Professorial Appointment 2007

Clinical Professor – Concord Clinical School University of Sydney

Past Appointments

1977	Orthopaedic (Elective Term)	Wexhan Park and Canadian Red Cross Hospitals England
1978-1980	Intern Orthopaedics	Royal Prince Alfred Hospital Lewisham Hospital, Sydney Mr J Collins – 14 Weeks
	Dermatology	Royal Prince Alfred Hospital Dr W Delauney – 8 weeks
	Medicine	Lewisham Hospital, Sydney 8 weeks
	Casualty	Orange Base Hospital, Orange 10 Weeks
	Neurosurgery	Royal Prince Alfred Hospital Dr R Vanderfield – 8 Weeks
	Casualty	Royal Prince Alfred Hospital 8 weeks
1980-1981	Resident Orthopaedics	Royal Prince Alfred Hospital Orange Base Hospital Orange Dr G Mutton – 10 weeks
	Cardiothoracic Surgery	Royal Prince Alfred Hospital Dr A Grant – 10 weeks
	Urology	Royal Prince Alfred Hospital Dr B Pearson – 6 weeks
	Hand Surgery	Royal Prince Alfred Hospital Dr R Honner – 10 weeks
	Relieving Term	Royal Prince Alfred Hospital
	Cardiothoracic Surgery	Royal Prince Alfred Hospital Relieving Registrar – 6 weeks
	Professorial Medicine	Royal Alexandra Hospital for Children – 4 weeks Paediatrics
	General Surgery	Royal Prince Alfred Hospital 2 weeks
1981-1982	Junior Registrar Orthopaedic and Hand Surgery Registrar	Royal Prince Alfred Hospital Royal Prince Alfred Hospital Drs R Honner & S Tyler – 6 months
	General Surgery Registrar	Royal Darwin Hospital, Darwin Dr J Wardill – 6 months

1982-1983	Surgical Registrar Colorectal Surgery Billiary, Hepatic & Bariatric Surgery	Royal Prince Alfred Hospital Advanced Trainee Royal Prince Alfred Hospital Dr B Morgan – 6 months Royal Prince Alfred Hospital Dr D Sheldon – 6 months
1983 – 1984	Orthopaedic Registrar	Auburn District Hospital Dr B Shepherd – 12 months (non accredited)
1984-1988	Orthopaedic Registrar Accredited Trainee	Australian Orthopaedic Association
1984	Repatriation General Hospital Concord	12 months
1985	Royal Canberra Hospital	12 months
1986	Mater Misericordiae Hospital	6 months
1985	Royal Alexandra Hospital for Children	6 months
1987	Baulkham Hills Private Hospital	12 months

Post Graduate Fellowships

Fellow in Knee Surgery and Sports Medicine
under Dr N Thomson, Sydney
January to June 1988
January 1989 to January 1990

Fellow in Hip and Knee Replacement Surgery
under Dr B D Shepherd
January 1988 to June 1988

Visiting Fellow in Joint Replacement Surgery
Hospital for Special Surgery
under Dr Eduardo Salvati
New York, U.S.A.
September 1988 to December 1988

Fellow in Joint Replacement Surgery
under Dr B D Shepherd
January 1989 to January 1990

Observerships

Professor Leo Whiteside, Missouri Bone and Joint Clinic
St. Louis, Missouri
December, 1988

Professor Thomas Mallory, Joint Implant Surgeon
Columbus, Ohio
November, 1988

Hospital Appointments

Visiting Medical Officer
Repatriation General Hospital, Concord

Chairman Department of Orthopaedic Surgery 1998 2002

Visiting Medical Officer, The Sydney Private Hospital

Visiting Medical Officer Waratah Private Hospital, Hurstville

Honorary Consultant Orthopaedic Research Laboratory
Prince of Wales Hospital

Previous Hospital Appointments

VMO Western Suburbs Public Hospital

Honorary Medical Officer Auburn District Hospital

VMO Canada Bay Private Hospital

VMO Hurstville Private Hospital

Presentations / Abstracts

REGISTRAR'S SCIENTIFIC MEETING

JULY 1982 – SYDNEY

The Northern Territory's Experience of Mycobacterium Ulcerans

STATE MEETING ROYAL AUSTRALIAN COLLEGE OF SURGEONS

1982 – SYDNEY

Two cases of the Blue Rubber Bleb Naevus Syndrome

QUEENSLAND SPORTS MEDICINE ASSOCIATION MEETING

1983 – PERISHER

Jumper's Knee

AUSTRALIAN ORTHOPAEDIC ASSOCIATION REGISTRAR'S MEETING

1984 – PERTH

Two Year Follow up of Total Knee Arthroplasties Auburn District Hospital

AUSTRALIAN ORTHOPAEDIC ASSOCIATION REGISTRARS MEETING

1986 - ADELAIDE

Ectopic Bone Formation after Ceramic Total Hip Replacements
(Howmedica Prize Winning Paper) National Invited Speaker

AUSTRALIAN ORTHOPAEDIC ASSOCIATION GENERAL SCIENTIFIC MEETING

1986 – ADELAIDE (INVITED PAPER)

Ectopic Bone Formation after Ceramic Total Hip Replacements
(Howmedica Award Winning Paper)

AUSTRALIAN ORTHOPAEDIC ASSOCIATION

REGISTRARS' MEETING 1986 – SYDNEY

Damage to the anterior cruciate ligament in the skeletally immature knee.

Acute knee injuries in skiing.

Non-operative treatment of finger pulp injuries (Presented by Dr M Gillespie)

Huckstep Nail Arthrodesis of the Knee as a Salvage for Infected Total Knee Replacement

(Presenter Jerome Goldberg) Review of Coracoclavicular Ligament Reconstruction using Dacron Graft Material

(Presenter Jerome Goldberg)

AUSTRALIAN ORTHOPAEDIC ASSOCIATION, STATE MEETING

1986 – SYDNEY

Damage to the Anterior Cruciate Ligament in the Skeletally Immature Knee

Acute Knee Injuries in Skiing

Huckstep Nail Arthrodesis of the Knee as a Salvage for Infected Total Knee Replacement

(Presenter J Goldberg)

AUSTRALIAN ORTHOPAEDIC ASSOCIATION GENERAL SCIENTIFIC MEETING

1986– SYDNEY

Damage to the anterior cruciate ligament in the skeletally Immature knee
Combined Intra-articular/Extra-capsular Ligamentous Reconstructive Procedure
for Chronic Subjective Ligament Instability of the Knee
(Presented by Dr N Thomson)

AUSTRALIAN ORTHOPAEDIC ASSOCIATION, STATE MEETING

1987 – SYDNEY

Unusual Hip Surgery

AUSTRALIAN ORTHOPAEDIC ASSOCIATION GENERAL SCIENTIFIC

MEETING 1987 – MELBOURNE

Acute knee injuries in skiing.

Knee injuries in the skeletally immature

**NATIONAL SALES MEETING, JOINT MEDICAL PRODUCTS CORPORATION OF USA
ATLANTA, GEORGIA – 1988**

Experience with the S-Rom Hip Replacement System
International Invited Speaker

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION ANNUAL SCIENTIFIC MEETING
PERTH – 1988**

Huckstep Nail Arthrodesis of the Knee as a Salvage for Infected Total Knee Replacement
(Presenter Jerome Goldberg)

**ALUMNI MEETING, THE HOSPITAL FOR SPECIAL SURGERY
NEW YORK – NOVEMBER 1988**

Results of Revision Total Hip Replacement using a Bipolar Endoprosthesis
International Invited Speaker

**CONTINUING EDUCATION SEMINAR FEATURING DESIGN AND CLINICAL
RESULTS USING A MODULAR TITANIUM TOTAL HIP SYSTEM
APRIL 1989**

Review of Surgical Technique S-Rom Hip
National Invited Speaker

**GENERAL PRACTITIONER SEMINAR PROGRAM
CONCORD HOSPITAL – JUNE 1989**

Knee Examination – Haemarthrosis

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION ANNUAL SCIENTIFIC
MEETING SEPTEMBER 1989 – CANBERRA**

Computerized tomography – a method of evaluation of patellofemoral pain
(Presented by J A Goldberg)

Distal femoral varus osteotomy for valgus deformity of the knee

The use of the Insall Burstein cemented total knee replacement in the uncemented mode
(Presented by B D Shepherd)

The bipolar endoprosthesis in revision hip arthroplasty using autograft and allograft

**UPDATE ON JOINT REPLACEMENT AND RECONSTRUCTIVE SURGERY
NOVEMBER – 1989**

Anterior Cruciate Ligament – History and Indications for Repair
National Invited Speaker

**GENERAL PRACTITIONER SEMINAR PROGRAM CONCORD HOSPITAL
AUGUST - 1990**

The emergency Treatment of Sporting Injuries

**UPDATE ON JOINT REPLACEMENT AND RECONSTRUCTIVE SURGERY
AUGUST – 1990**

Femoral Osteotomy in Revision Hip Replacement
Coronal Tibial Osteotomy in Revision Knee Replacement Surgery
National Invited Speaker

**CONTINUING EDUCATION COMMITTEE MEETING
AUSTRALIAN ORTHOPAEDIC ASSOCIATION
NOVEMBER 1990 – SYDNEY**

Update on Joint Replacement
Coronal Tibial Osteotomy in Revision Knee Replacement Surgery
National Invited Speaker

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION, STATE MEETING
NOVEMBER 1990 – SUTHERLAND HOSPITAL**

Femoral Osteotomy in Difficult Revision Hip Surgery

CONTINUING ORTHOPAEDIC EDUCATION
12-14 JULY 1991– SHERATON GOLD COAST
Joint Replacement Now and in the Second Millennium
Femoral Modular System
National Invited Speaker

SCIENTIFIC CONFERENCE AUSTRALIAN COLLEGE OF SPORTS PHYSICIANS
CANBERRA – 1991
Review of Coracoacromial Ligament Reconstruction using Dacron Graft Material
(Presenter Jerome Goldberg)

ANNUAL MEETING AUSTRALIAN SOCIETY OF SHOULDER AND ELBOW SURGEONS
SYDNEY – 1991
Review of Coracoclavicular Ligament Reconstruction using Dacron Graft Material
(Presenter Jerome Goldberg)

AUSTRALIAN-AMERICAN MEETING
MARCH – 1992
Bone Grafting Techniquet with the S-Rom Hip Replacement
National Invited Speaker

GENERAL PRACTITIONERS SEMINAR
JULY – 1992
Total Hip Replacement

ORTHOPAEDIC AND SPORTS MEDICINE UPDATE FOR GENERAL PRACTITIONERS
JULY – 1992
Total Hip Replacement Indications and Advances

24TH ANNUAL CLINICAL WEEK
REPATRIATION GENERAL HOSPITAL CONCORD
SEPTEMBER -1992
New Techniques in Bone Grafting

GENERAL PRACTITIONER SEMINAR PROGRAM
REPATRIATION GENERAL HOSPITAL CONCORD
OCTOBER – 1992
Sports Injuries Affecting the Hip and Pelvis

MATER MISERICORDIAE HOSPITAL JOINT REPLACEMENT CONFERENCE
ADVANCES IN CEMENT-FREE FIXATION OF THE HIP AND KNEE
NOVEMBER 1992
Results of the S-Rom Prosthesis in Primary and
Revision Hip Replacements

ORTHOPAEDIC POST REGISTRATION NURSING COURSE
NOVEMBER 1992
Degenerative Joint Conditions Requiring Surgical Intervention in the
Hip and Knee

AUSTRALIAN SPORTS MEDICINE FEDERATION SCIENTIFIC CONFERENCE
FEBRUARY 1993
Clinical Assessment and Surgical Management of
Osteoarthritis in Athletes
National Invited Speaker

AUSTRALIAN ORTHOPAEDIC NURSES' ASSOCIATION ANNUAL CONFERENCE
MARCH 1993
Construct-a-Joint Revision Total Hip Replacement
Revision Total Knee Replacement
National Invited Speaker

**S-ROM SEMINAR
MELBOURNE - APRIL 1993**

Results of S-Rom Prosthesis 1989 – 1993
Special Bone Grafting Techniques with the S-Rom Prosthesis

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION, STATE MEETING
APRIL 1993 – PORT MACQUARIE**

Alternative Treatment for the Neuropathic Knee Joint
(Presenter – Allan Chong)

**NEW SOUTH WALES COLLEGE OF NURSING
JUNE 1993**

Degenerative Conditions of Hips and Knees Requiring Intervention

**NEW ZEALAND NURSES' ORTHOPAEDIC CONFERENCE
NOVEMBER 1993**

The Use of Hip Replacement in Unusual Circumstances
Acute Management of Sporting Injuries
International Invited Speaker

**ANNUAL SCIENTIFIC MEETING – SHOULDER AND ELBOW SOCIETY OF AUSTRALIA
MELBOURNE 1994**

Type 2 Fractures of the Distal Clavicle – New Surgical Technique
(Presenter Jerome Goldberg)
Scapulothoracic Dislocation
(Presenter Jerome Goldberg)

**AUSTRALIAN KNEE SOCIETY MEETING
HAMILTON ISLAND – MAY 1994**

Coronal Tibial Osteotomy in the Difficult Knee Replacement

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION ANNUAL SCIENTIFIC
MEETING SEPTEMBER 1994 – SYDNEY**

A New Approach to Bearing Surfaces for Total Hip Arthroplasty
(Presented by A Turnbull)
Femoral Osteotomy and Femoral Shortening in Difficult Total Hip Replacements Exposure
of the Joint in Difficult Total Knee Replacement
(Presented by M Atkinson)
Type 2 Fractures of the Distal Clavicle
(Presented by J A Goldberg)
Distal Varus Femoral Osteotomy for Lateral Compartment Osteoarthritis of the Knee

**UNIVERSITY OF SYDNEY – SCHOOL OF PHYSIOTHERAPY
1996**

Paediatric and Adolescent Injuries of the Lower Limb

**AUSTRALIAN ARTHROPLASTY SOCIETY
CLOSED SCIENTIFIC MEETING
DAY DREAM ISLAND JULY 1996**

Variations in the Mechanical Properties of Simplex – P Bone Cement Cartridge

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION ANNUAL SCIENTIFIC
MEETING OCTOBER 1996 – PERTH**

Comparison of Different Vacuum Mixing Systems Using SimplexP Bone Cement

**KOREAN KNEE SOCIETY
NOVEMBER 1996**

Coronal Tibial Osteotomy for Exposure of Difficult Total Knee Replacement
Design Rationale of the Advantim Total Knee Replacement and its
Application in Clinical Practice
International Invited Speaker

**JOINT REPLACEMENT UPDATE MEETING MATER MISERACORDIAE HOSPITAL SYDNEY
5-7 DECEMBER 1996**

Mechanical Analysis of Different Bone Cements with
Different Vacuuming Mixing Systems

**UNIVERSITY OF SYDNEY – SCHOOL OF PHYSIOTHERAPY
1997**

Paediatric and Adolescent Injuries of the Lower Limb

**ADVANCES IN TOTAL JOINT REPLACEMENT
PENNSYLVANIA STATE UNIVERSITY COLLEGE OF MEDICINE
COLORADO – JANUARY 1997**

Intra Operative Evaluation of Contact Stresses in Total Knee Arthroplasty
International Invited Speaker

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION, STATE MEETING
APRIL 1997 – SYDNEY**

Primary Total Hip Arthroplasty for Acute Central Fracture Dislocation of the Acetabulum
(Presenter SJ Rimmer)
Coronal Tibial Osteotomy
(Presenter J Rooney)

**AUSTRALIAN ARTHROPLASTY SOCIETY
CLOSED SCIENTIFIC MEETING
SOUTH AUSTRALIA JUNE 1997**

Dynamic Measurement of Tibiofemoral Contact Stresses During
Total Knee Replacement in Vivo
A New Technique of Sub-trochanteric Shortening Femoral Osteotomy in
Total Hip Replacement
Tibial Tubercle Osteotomy in Difficult Total Knee Arthroplasty
Primary Total Hip Replacement for Acute Central Fracture Dislocation of the Hip

**TOTAL HIP REPLACEMENT SURGICAL SKILLS FORUM
ADELAIDE – JUNE 1997**

Film and Talk on "Trochanteric Slide"
National Invited Speaker

**SPORTS PHYSIOTHERAPY GROUP
THE ESSENTIAL KNEE WORKSHOP
JUNE 1997**

Orthopaedic Surgery – What's New

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION ANNUAL SCIENTIFIC MEETING
OCTOBER 1997 – CANBERRA**

Primary Total Hip Arthroplasty for Acute Central Fracture Dislocation of the Acetabulum
(Presented by S Rimmer)
Post Operative Periprosthetic femoral Fractures - Classification, Treatment and Follow-Up
(Presented by D Sher)(Orthopaedic Research Society)
Strain Distribution Following THA using a Hydroxapetite Composite Resin Bone Cement
(Presented by T J Letters)(Orthopaedic Research Society)
Cytokines and matrix Metalloproteinases mRNA Expression in Human Hip Capsules from Patients with
Rheumatoid Arthritis and Osteoarthritis at Primary and Revision Surgery
(Presented by Y Yu)

**UNIVERSITY OF SYDNEY – SCHOOL OF PHYSIOTHERAPY
1998**

Paediatric and Adolescent Injuries of the Lower Limb

**COMBINED MEETING ORTHOPAEDIC ASSOCIATIONS
OF THE ENGLISH SPEAKING WORLD
AUCKLAND 1 – 6 FEBRUARY 1998**

Strain Distribution Following Total Hip Arthroplasty using a Hydroxylamine Composite Resin Bone Cement]
(Presented by TJ Letters)

Messenger RNA expression of IL-1 Beta and 1L-6 in
Pseudocapsular Tissues from Failed Total Hip Arthroplasty
(Presented by Dr Y Yu)

Subtrochanteric Shortening Femoral Osteotomy in Chronic Proximal Femoral Migration
– A New Technique and Results of Eight Cases
Biomechanical and Histological Evaluation of the Cemented
Total Hip Arthroplasty : A Post-mortem Analysis
(Presented by W R Walsh)

**7TH INTERNATIONAL CONGRESS ON SURGERY OF THE SHOULDER
SYDNEY 1998**

Type 2 Fractures of the Distal Clavicle – A New Surgical Technique
(Presenter Jerome Goldberg)

**AUSTRALIAN SOCIETY FOR BIOMATERIALS INC
8TH ANNUAL CONFERENCE
MARYSVILLE – MARCH 1998**

Effect of Five Different Femoral Designs on the Cortical Bone Strain; a Cadaveric Study Using Strain Gauges
(Presenter WR Walsh)

Short Term Clinical and Radiographic Follow-up of an Australian Made Cementless Femoral Hip Replacement
(Presenter WR Walsh)

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION STATE MEETING
APRIL 1998 – BOWRAL**

Bioactive Cement Augmentation in Femoral Neck Fractures
(Presenter R Stanford)

Primary Stress Distribution of Cementless Total Hip Arthroplasty
(Presenter M Gillies)

Tibiofemoral Contact Pressure in Total Knee Arthroplasty
(Presenter – L Harris)

Effect of Five Different Femoral Designs on the Cortical Strain: A Cadaveric Study using Strain Gauges
(Presenter P Morberg)

**PRESENTATION TO THE SMITH AND NEPHEW SURGICAL 11TH ANNUAL WINTER MEETING
GOLD COAST - JUNE 1998**

Augmentation of Trochanteric Fractures with bioactive Cement
(Presenter WR Walsh)

**THE AUSTRALIAN KNEE SOCIETY AND
THE AUSTRALIAN ARTHROPLASTY SOCIETY
JULY 1998 – AYERS ROCK**

A Clinical Review of the Use of Osteoset and Osteoset T
In Joint Replacement (Arthroplasty Section)
Contact Areas and Stress Distribution in Total Knee Arthroplasty
(Knee Society Section)

**THIRD WORLD CONGRESS OF BIOMECHANICS
SAPORO JAPAN 2-8 AUGUST 1998**

Tekscan, A New Method for Measuring Contact Stresses in Knee Prostheses
(Presenter WR Walsh)

Strain Guage Analysis of a Total Hip Arthroplasty using a HA Resin Bone Cement
(Presenter WR Walsh)

Effect of Five Different Femoral Designs on the Cortical Bone Strain: A Cadaveric Study Using Strain Guages
(Presenter WR Walsh)

**VIEMED SCIENTIFIC MEETING
BRISBANE - AUGUST 1998**

A New Method to Dynamically Measure the Pressure Distribution in Knee Prosthesis

**NEW HORIZONS IN JOINT DISEASE
AUGUST 1998**

Hip Arthroscopy – Indications and Complications
National Invited Speaker

**AUSTRALIAN COLLEGE OF SPORTS PHYSICIANS
AUGUST 1998**

Wear Debris in total Knee and Total Hip Arthroplasty

**THIRD COMBINED MEETING OF THE ORTHOPAEDIC RESEARCH SOCIETIES OF THE USA,
CANADA, EUROPE AND JAPAN**

HAMATSU CITY – JAPAN - SEPTEMBER 1998

Effect of Five Different Femoral Designs on the Cortical Bone Strain:
Cadaver Study Using Strain Gauges
(Presenter WR Walsh)

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION ANNUAL SCIENTIFIC MEETING
OCTOBER 1998 – CAIRNS**

The Result of Five Femoral Component Design Parameters on
Strain Distribution in Cortical Bone and Bone Remodelling.

Presenter: R Gillies

Total Hip Arthroplasty for Arthodesed Hips

Presenter: M B Howard

Wear Assessment in Total Hip Replacements

Presenter: S Gray

Contact Area of Total Knee Components Measured with
Pressure Film Technology

Presenter: W J M Bruce

Mechanical and Histological Effects of Hydroxyapatite
Coatings on Rough and Porous Titanium Implants.

Presenter: M Svehla

Imbalance of Interleukin 1B and Interleukin 1 Receptor
Antagonist Messenger RNA in Total Joint Arthroplasty

Presenter: Y Yu

Biomechanical Analysis of Inter-trochanteric Fracture
Fixation Augmented with Actylic and Bioactive Cements

Presenter: R E Stanford

**ANNUAL NATIONAL CONFERENCE ON ENGINEERING AND THE PHYSICAL SCIENCE IN MEDICINE
HOBART – 15 NOVEMBER 1998**

A Better Method for Measuring Tibiofemoral Contact Areas and Stresses in Total Knee Arthroplasty
(Presenter M Lance Harris)

The Influence of Femoral Hip Component Design Parameters on Strain Distribution in Cortical Bone
and Final Design Influence on Bony Remodelling
(Presenter P Morberg)

**BIENNIAL MEETING, SHOULDER AND ELBOW SOCIETY OF AUSTRALIA
PERTH 1998**

Efficacy of Ultrasound Diagnosis of Full Thickness Rotator Cuff Tears
(Presenter J Goldberg)

**UNIVERSITY OF SYDNEY – SCHOOL OF PHYSIOTHERAPY
1999**

Paediatric and Adolescent Injuries of the Lower Limb

**AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS ORTHOPAEDIC RESEARCH SOCIETY MEETING
ANAHEIM CALIFORNIA - 1-4 FEBRUARY 1999**

Interleukine Ibeta and Interleukine 1 Receptor Antagonist Messenger RNA Expression in Rheumatoid Arthritis,
Osteoarthritis and in Total Joint Arthroplasty
(Presenter P Morberg)

The Effect of Five Different Design Parameters of a Femoral Hip Component on Strain Distribution in Cortical
Bone in the Final Design Influence on Bone Remodelling
(Presenter P Morberg)

**AUSTRALIAN SOCIETY FOR BIOMATERIALS
CANBERRA - MARCH 1999**

Effect on Surface Structures on Bone Healing Response
(Presenter P Morberg)

**CONCORD HOSPITAL GP SEMINAR
MARCH 1999**

Total Hip and Total Knee Replacement and Post Operative Complications Relevant to General Practice

**SICOT, SYDNEY
APRIL 1999**

The Influence from Five Variances in a Femoral Design on the Cortical Bone Strain Distribution:
A Cadaver Study
International Invited Speaker

**ANNUAL SCIENTIFIC MEETING SOCIETY OF BIOMATERIALS
RHODE ISLAND - MAY 1999**

Hydroxyapatite Coatings on Rough and Porous Titanium Implants:
Effect on Bone Healing Response
(Presenter W R Walsh)

**MERCK SHARP & DOHME UNIVERSITY PROGRAM
MAY 1999**

Examination of the Knee and New Techniques in the Treatment of Osteoarthritis

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION, STATE MEETING
MAY 1999 – LIVERPOOL**

A Simple Way to Assess Acetabular Wear in Total Hip Prosthesis
The Effect of Malalignment and conformity on Contact Area and Torque Between Femoral and Tibial
Components in Total Knee Prosthesis
Tibiofemoral Contact Areas, Mean and Peak Pressures for 19 total knee prostheses
Osteoset Bone Substitute: Evaluation of the Bone Inducing Capacity in an Ovine confined Cancellous Defect
(Presenter P Morberg)
Initial Stability of a Porous Coated Cementless Femoral Hip Prosthesis
(Presenter P Morberg)
Effect of HA Thickness on Implant Fixation

**SOCIETY OF NUCLEAR MEDICINE MEETING
LOS ANGELES - JUNE 1999**

A Novel View for Scintigraphic Assessment of the Elbow
W Bruce, H Van Der Wall, CJ Frater, MA Magee, S Kannangara, I Provan, C Murray

**CLINICAL DAY
CONCORD REPATRIATION GENERAL HOSPITAL
AUGUST 1999**

Treatment of Sporting Injuries : Knee

**MEASURE ET QUANTIFICATION ASSOCIATION HOSPITALIERE ETTERBEEK IXELLES
AGEI DEPARTEMENT D'ORTHOPEDIE TRAUMATOLOGIE
BRUXELLES – 2 OCTOBER 1999**

The Surface Profile of the Distal Interface of Mobile Bearing Knees

**NSW RURAL DOCTORS NETWORK SATELLITE BROADCAST
OCTOBER 1999**

Examination of the Knee
Injections Techniques of the Knee

**AUSTRALIAN ORTHOPAEDIC ANNUAL SCIENTIFIC MEETING
OCTOBER 1999 – BRISBANE**

A Simple Way to Assess Acetabular Wear on Plain X-Ray
Films in Total Hip Arthroplasty
Presenter: Per Morberg

The Effect of Malalignment and Conformity on Contact Area
And Torque Between Femoral and Tibial Components in
Total Knee Prostheses
Presenter: W R Walsh

Osteoset Bone Substitute; Evaluation of the Bone
Inducing Capacity in an Ovine Confined Cancellous Defect
Presenter: W J Bruce

Scintigraphic Assessment of the Acetabulum After
Arthroplasty With Reference to Cup Geometry
Y-M. Kwon, R Higgs, W Bruce, B Phi, H Van der Wall

A Novel Imaging Test for the Detection of Fat Embolism
W J Bruce, H Van der Wall, M Peters, Y Liaw, G Storey

Histological and Mechanical Evaluation of Titanium Implant
Integration: A Comparison of Five Surface Structures
Presenter: W R Walsh

A Novel View for the Scintigraphic Assessment of the Elbow
D Sher, H Van der Wall, CJ Frater, MA Magee, S Kannangara, I Provan, C Murray, W Bruce

**CLINICAL RESEARCH PRESENTATION
UNIVERSITY OF SYDNEY - NOVEMBER 1999**

P Chapman-Sheath, S Cain, M Svehla, M Gillies, W Bruce, W Chung, WR Walsh,
Winner – Clinical Research Division, 23rd Tow Prize Research Awards

**DE PUY TRAINING COURSE
NOVEMBER 1999**

The Use of the S-Rom Hip Replacement and Bone Grafting Techniques
National Invited Speaker

**RADIOLOGICAL SOCIETY OF NORTH AMERICA ANNUAL MEETING
CHICAGO – NOVEMBER 1999**

A Novel View for the Scintigraphic Assessment of the Elbow
H Van Der Wall, J Clayton, M Frater, A Magee, S Kannangara, I Proven, C Murray, W Bruce
Scintigraphic Patterns of Trauma in Amateur Weightlifters
J Magnussen, S Kannangara, A Palmer, J Periera, **H Van der Wall**, W Bruce

**UNIVERSITY OF SYDNEY – SCHOOL OF PHYSIOTHERAPY
2000**

Paediatric and Adolescent Injuries of the Lower Limb

**EBOS HEALTH AND SCIENCE TRAINING MEETING
FEBRUARY 2000**

Indications and Results Unicompartmental and Total Knee Replacement

**AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS
ORTHOPAEDIC RESEARCH SOCIETY
ORLANDO FLORIDA – MARCH 2000**

Effect of Hydroxyapatite Coating Thickness on Implant Fixation : Mechanical Testing and Quantitative Morphology in a Cortical Ovine Model

**AUSTRALIAN SOCIETY OF THORACIC MEDICINE
MELBOURNE – MARCH 2000**

Pulmonary Embolism and Fat Embolism are Both Common Early after Joint Replacement Surgery
M Peters, L Morgan, W Bruce, Y H Liaw, H Van der Wall

**SHOULDER AND ELBOW SOCIETY OF AUSTRALIA BIENNIAL SCIENTIFIC MEETING
SYDNEY – 3-5 MARCH 2000**

The Surgical Management of Large Rotator Cuff Tears Combined with Instability in Elite Rugby Players
J Goldberg, K Chan, J Best, W Bruce, WR Walsh, W Parry

**ACL RECONSTRUCTION SYMPOSIUM UNIVERSITY OF NSW
SYDNEY – MAY 2000**

Tendon-Bone Fixation Strategies in Anterior Cruciate Ligament Reconstruction
P Chapman-Sheath, W Bruce

**ASIAN PACIFIC ORTHOPAEDIC SYMPOSIUM
CAIRNS – MAY 2000**

Contact Areas and Stresses in Mobile Bearing Knees
WR Walsh, P Chapman-Sheath, W Bruce, WK Chung
Conformity and Constraint in Fixed Bearing Knees
WR Walsh, W Bruce, P Morberg, P Chapman-Sheath

**SIXTH WORLD BIOMATERIALS CONGRESS
KAMUELA, HAWAII – MAY 2000**

BMP's and TGFB Responses to Osteoset and/or Autograft in Ovine Cancellous Bone Defect
Y Yu, JL Yang, P Morberg, W Bruce, **WR Walsh**
Hydroxyapatite Coating Thickness – effect on Implant Fixation
MJ Svehla, P Morberg, B Sicat, W Bruce, **WR Walsh**

**SOCIETY OF NUCLEAR MEDICINE
ST LOUIS USA – JUNE 2000**

A New Approach to the Diagnosis of Fat Embolism
H Van der Wall, W Bruce, M Magee, G Storey, YH Liaw

**AUSTRALIAN ARTHROPLASTY SOCIETY
CLOSED MEETING
PORT STEPHENS – JUNE 2000**

Scintigraphic Evaluation of the Acetabulum after Arthroplasty with Reference to Cup Geometry.
Surface Roughness of the Proximal and Distal Bearing Surface of Mobile Bearing Total Knee Prosthesis
Contact Surface Areas and Stresses on Polyethylene Inserts Of Mobile Total Knee Prosthesis
Contact Surface Areas and Stresses on Polyethylene Inserts of Fixed Bearing Total Knee Prostheses
A Novel Imaging Test for the Detection of Fat Embolism
Taper Surface Profiles in Retrieved Femoral Components
The Response of Calcium Sulphate Bone Graft Substitute in a Confined Cancellous Defect
A Mechanical and Histological Investigation of Currently Available Bone Graft Substitutes
in a Rabbit Tibial Slot Model

**POST GRADUATE MANIPULATIVE AND SPORTS PHYSIOTHERAPY SEMINAR
UNIVERSITY OF SYDNEY
JULY 2000**

Paediatric and Adolescent Injuries of the Lower Limb

**ANNUAL CLINICAL WEEK
CONCORD REPATRIATION GENERAL HOSPITAL
AUGUST 2000**

Surface Roughness and the Proximal and Distal Bearing Surface of
Mobile Bearing total Knee Prosthesis

The Response of a Calcium Sulphate Bone Graft Substitute
in a Confined Cancellous Defect

**STRYKER SOUTH PACIFIC ORTHOPAEDIC MEETING
QUEENSTOWN – AUGUST 2000**

Cementless Acetabular Revision Principles and Results

**EUROPEAN SOCIETY OF NUCLEAR MEDICINE ANNUAL MEETING
PARIS FRANCE – SEPTEMBER 2000**

A Novel Scintigraphic Technique for the Diagnosis of Fat Embolism

H Van Der Wall, W Bruce, V Bush, G Storey, A Palmer

**BRITISH ORTHOPAEDIC RESEARCH SOCIETY
LONDON UK – OCTOBER 2000**

Mechanism of Calcium Sulphate Bone Graft Substitute

P Chapman-Sheath, Y Yu, W Bruce, C Ball, W Haggard, WR Walsh

Surface Roughness of Polyethylene in Mobile Knees

P Chapman-Sheath, W Bruce, S Cain, W Chung, WR Walsh

**THE AUSTRALIAN KNEE SOCIETY
HOBART – OCTOBER 2000**

A Novel Imaging Test for the Detection of Fat Embolism

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION ANNUAL SCIENTIFIC MEETING
HOBART - OCTOBER, 2000**

Stability of Cementless femoral hip prosthesis

W. Bruce, M Gillies, P Morberg, A Turnbull, W Walsh

Taper surface profiles in retrieved femoral components

W. Bruce, S Cain, P. Chapman-Sheath, M Svehla, J Russell

Tibial tubercle osteotomy effect of patello-femoral tracking, contact area and contact stress

M. Gillies, L. Kohan, Y Kudo, P. Morberg, W. Walsh, W. Bruce

Strain Gauge Analysis of metal backed unicompartmental knees

W. Bruce, P. Chapman-Sheath, W Chung, M. Gilles, W. Walsh, C. Waller

Microstructural roughness and cement-implant interface

W. Bruce, P. Chapman-Sheath, J. Russell, M. Gilles, M. Svehla, B. Walsh

Contact areas and stresses in mobile bearing knees

W. Bruce, P. Chapman-Sheath, W. Chung, W. Walsh

The importance of the distal interface in mobile bearing knees – surface roughness

W. Bruce, S. Cain, P. Chapman-Sheath, W. Chung, W. Walsh

The response of a calcium sulfate bone graft substitute in a confined cancellous defect

C. Ball, W. Bruce, P. Chapman-Sheath, W. Haggard, M. Svehla, J. Russell, W. Walsh

Strain distribution and bone mineral density relationships

A. Bulter, W. Bruce, M. Gillies, P. Morberg, M. Neil, N. Pocock, A. Turnbull, W. Walsh

**SPORTS MEDICINE MEETING
CONCORD REPATRIATION GENERAL HOSPITAL
NOVEMBER 2000**

Hip Arthroscopy Indications and Techniques

**UNIVERSITY OF SYDNEY – SCHOOL OF PHYSIOTHERAPY
2001**

Paediatric and Adolescent Injuries of the Lower Limb

**ISAKOS KNEE COMMITTEE
FLORENCE ITALY - JANUARY 2001**

Stress Analysis of Unicompartmental Knee Replacement
Presenter – WR Walsh
Finite Element Analysis – the Use in total Knee Design
Presenter – WR Walsh
Conformity and Constraint – Fixed vs Mobile Bearings
Presenter – WR Walsh
Effect of Malalignment on Contact Areas and Stresses in Fixed Bearing Knees
Presenter – WR Walsh

**QUEENSLAND SPORTS MEDICINE ASSOCIATION MEETING
TOWNSVILLE – FEBRUARY 2001**

Assessment of Hip Conditions and the Role of Hip Arthroscopy
Meniscal and Chondral Injuries of the Knee
Current Assessment and Treatment of
Lower Limb Sporting Injuries in Adolescent and the Skeletally Immature

**AUSTRALIAN SOCIETY FOR BIOMATERIALS
BEECHWORTH – FEBRUARY 2001**

Contact Area, Stress and Surface roughness in Mobile Bearing Knees
P Chapman-Sheath, W Bruce, W Chung, RM Gillies, P Morberg, WR Walsh
Optimisation of Morse Tapers Using Finite Element Analysis
RM Gillies, W Bruce, WR Walsh

**SYMPOSIUM ON BIOENGINEERING AND ERGONOMICS
UNIVERSITY OF WOLLONGONG – FEBRUARY 2001**

In-Vivo Evaluation of a Calcium Sulphate Bone Graft Substitute:
Molecular Mechanisms
WR Walsh, P Chapman-Sheath, Y Yu, W Bruce

**ORTHOPAEDIC RESEARCH SOCIETY 47th ANNUAL MEETING
SAN FRANCISCO CALIFORNIA – FEBRUARY 2001**

Effects of Hydroxyapatite Layer Thickness on Bone Ingrowth in Resorbable Porous Ceramics
P Chapman-Sheath, J Russel, S Cain, J Debes, M Svehla, W Bruce, WR Walsh

APOA

ADELAIDE SA – APRIL 2001

Can CT's be Used to Examine Geometric Femoral Changes Following Total Hip Arthroplasty
R Gillies, M O'Gorman, J Gan, W Taylor, W Bruce, WR Walsh

**AUSTRALIAN ARTHROPLASTY SOCIETY
CLOSED SCIENTIFIC MEETING**

MANLY – MAY 2001

Finite Element Analysis of a Double and Triple Tapered Polished Femoral Stem
W Bruce, RM Gillies, J Lane, WR Taylor WR Walsh
Strain Gauge Analysis and Finite Elemental Analysis
of an Uncemented Titanium Femoral Hip Component
WJB Bruce, RM Gillies, A Turner, M Yamano, WR Walsh
Strain Gauge Analysis of Composite Femoral Hip Component
W Bruce, WR Walsh, P Morris, RM Gillies, A Turner, M Yamano
Mechanical and Histological Evaluation of Uncemented Implant Fixation Surfaces
W Bruce, M Svehla, B Zicat, D Sonnabend, WR Walsh

**NSW HEALTH WORKING AS A TEAM (WAAT)
CENTRAL SYDNEY AREA HEALTH SERVICE FORUM**

Developments in Orthopaedics

**CURRENT AND FUTURE TRENDS IN HIP AND KNEE ARTHROPLASTY II
QUEENSTOWN NZ – JULY 2001**

The Great Debate

Alternative Bearings – What is the Future

The Case for Hard on Hard Surfaces

Presenter: W Bruce

Osteonecrosis of the Femoral Head : Management with Arthroplasty

Presenter: W Bruce

Dealing with Complications in Total Knee Replacement

Presenter: W Bruce

International Invited Speaker

**CONTINUING ORTHOPAEDIC EDUCATION
SHERATON GOLD COAST**

12-14 JULY 2001

Joint Replacement Now and in the Second Millenium

Femoral Modular System

National Invited Speaker

**ANNUAL SMITH AND NEWPHEW WINTER MEETING
GOLD COAST QUEENSLAND – JULY 2001**

Biology and Biomechanics of Tendon Healing

W Walsh, M Svehla, Y Yu, S Nicklin, J Bliss, W Bruce, J Goldberg, C Waller, D H Sonnabend

**INTERNATIONAL SPORTS MEDICINE CONFERENCE
SRI LANKA – JULY 2001**

Treatment of Chondral and Meniscal Injuries

Presenter W Bruce

Treatment of Anterior Cruciate Ligament Tears

Presenter W Bruce

Treatment of Lower Limb Injuries in the Skeletally Immature

Presenter W Bruce

Hip Arthroscopy

Presenter W Bruce

Treatment of the Acutely Injured Knee

Presenter W Bruce

Avascular Necrosis of the Hip

Presenter W Bruce

International Invited Keynote Speaker

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION, STATE MEETING
JULY 2001 – SYDNEY**

Revision of Resection Arthroplasty to Total Hip Replacement

J Trantalis (W Bruce)

Mechanical and Histological Evaluation of Uncemented Implant Fixation Surfaces

W Bruce

Strain Gauge Analysis and Finite Element Analysis of an Uncemented Titanium Femoral Hip Component

W Bruce

A Novel Imaging Test for the Detection of Fat Embolism

H Van Der Wall (W Bruce)

Prognostic Value of Leukocyte Scintigraphy in diabetic Pedal Osteomyelitis

R Stanton (W Bruce)

Strain Gauge and Finite Element Analysis of an Uncemented Titanium Femoral Hip Component

W Bruce RM Gillies WR Walsh

**ORTHOPAEDICS . OPERA . ORCHESTRA
VIENNA, AUSTRIA**

21-22 SEPTEMBER 2001

Clinical Experience with Antibiotic Impregnated CaSO₄

Response of CaSO₄ in a Confined Ovine Cancellous Defect

Contemporary Unicompartmental Knee Design

Posterior Stabilised Total Knee Replacement

International Invited Speaker

**BRITISH ORTHOPAEDIC RESEARCH SOCIETY
SOUTHAMPTON UK
24-25 SEPTEMBER 2001**

Retrieval Analysis of Mobile Bearing Knees
P Chapman-Sheath, A Butler, M Svehla, M Gillies, W Bruce, WR Walsh
In-vivo Response of Coral Biomaterials
P Chapman-Sheath, S Cain, J Debes, M Svehla, W Bruce, WR Walsh

**ANZORS 7TH ANNUAL SCIENTIFIC MEETING
SYDNEY AUSTRALIA
5-6 OCTOBER 2001**

Experimental and Theoretical Modelling of Polyethylene Stress Distributions
WR Walsh, Y Choi, W Bruce, RM Gillies
IL-1 β , I1-1Ra and TIMP-2mRNA and Proteins in Rheumatoid Arthritis (RA), Osteoarthritis (OA) and Total Joint
Arthroplasty (TJA)
Y Yu, JL Yang, DH Sonnabend, JB Chen, W Bruce, WR Walsh

**S-ROM LEARNING CENTRE
ST VINCENTS PRIVATE HOSPITAL
5-6 OCTOBER 2001**

Prosthetic Management of the Dysplastic Hip
Strut Allografts in Revision Total Hip Arthroplasty

**COMBINED NZOA/AOA MEETING
QUEENSTOWN
7-12 OCTOBER 2001**

Strain Gauge analysis of a Proximal Fit and Fill Titanium Cementless Femoral Hip Prosthesis
RM Gillies, A Turner, M Yamano, W Bruce, D Dennis, WR Walsh
Augmentation of Tendon Bone Healing using Autologous Growth Factors
J Bliss, M Svehla, WE Bruce, C Waller, S O'Leary, Y Yu, WR Walsh
IL-1 β , I1-1Ra, MMP-1 and TIMP-2mRNA and Proteins in TJA.
Y Yu, W Bruce, DH Sonnabend, WR Walsh.
Revision of Resection Arthroplasty to Total Hip Arthroplasty
J Trantalís, W Bruce, J Goldberg, WR Walsh.
Constrained Arthroplasty as a Salvage for Hip Instability
D Stanton, W Bruce, J Goldberg, WR Walsh

**HONG KONG ORTHOPAEDIC ASSOCIATION
NOVEMBER 2001**

The Effects of Autologous Growth Factors on Tendon Bone Healing
J Bliss, M Svehla, W Bruce, WR Walsh

**AUSTRALIAN KNEE SOCIETY
COMBINED ORTHOPAEDIC KNEE SOCIETIES MEETING
CAPE TOWN - 2002**

A Novel Imaging Test for the Detection of Fat Embolism
W Bruce, H Van Der Wall, M Peters, Y Liaw, G Storey
Contact Surface Areas and Stresses on Polyethylene Inserts of Fixed Bearing Total Knee Prostheses
W Bruce, P Chapman-Sheath, P Morberg, P H Harris, WR Walsh
Contact Surface Areas and Stresses on Polyethylene Inserts of Mobile Bearing Total Knee Prostheses
W Bruce, P Chapman-Sheath 1, W K Chung 2, WR Walsh
Surface Roughness of the Proximal and Distal Bearing Surface of Mobile Bearing Total Knee Prostheses
W Bruce, P Chapman-Sheath, S Cain, WK Chung 2, WR Walsh
The Response of a Calcium Sulphate Bone Graft Substitute in a Confined Cancellous Defect
W Bruce, P Chapman-Sheath, Y Yu, L Yang, P Morberg, W Haggard 2, W R Walsh
A Mechanical and Histological Investigation of Currently Available Bone Graft Substitutes
in a Rabbit Tibial Slot Model
W Bruce, P Chapman-Sheath, S Cain, J Debes, W R Walsh
Mechanical and Histological Evaluation of Uncemented Implant Fixation Surfaces
W Bruce, M Svehla, B Zicot, D Sonnabend, WR Walsh

**PROGRESSIVE CONCEPTS IN TOTAL KNEE SURGERY
SYDNEY, APRIL 2002**

Why I Sacrifice the Posterior Cruciate Ligament in Total Knee Arthroplasty
National Invited Speaker

**WORKSHOP VISITING THAILAND SURGEONS
MAY 2002**

Principles of Total Knee Replacement
Osteoset as a Bone Graft Substitute
My Philosophy of Approaches to the Hip
Ligament Balancing in Total Knee Replacement

**ORTHOSPORTS PHYSIOTHERAPY EDUCATION SEMINARS
SATURDAY 15 JUNE 2002**

Modern Treatment of Cartilage Meniscus and ACL Injuries

**AUSTRALIAN COLLEGE OF SPORTS PHYSICIANS – REGISTRARS
JULY 2002
SYDNEY**

Hip Arthroscopy – Indications

**ANNUAL SMITH AND NEPHEW WINTER MEETING
GOLD COAST QUEENSLAND JULY 2002**

The Effect on Ultrasound on Tendon Bone Healing

Presenter W Walsh

Hip Arthroscopy in the Arthritic Hip

Presenter WJM Bruce

The Case for Total Knee Replacement versus Unicompartmental Knee Replacement

Presenter WJM Bruce

The Effect of Addition of a Coralline Bone Graft Substitute and Calcium Sulphate on Early Bone Growth
in a Rabbit Metaphyseal Model

Presenter WJM Bruce

National Invited Speaker

**STRIKER ORTHOPAEDIC SCIENTIFIC MEETING
QUEENSTOWN 11-15 AUGUST 2002**

QUEENSTOWN NZ

Why I Cut the Posterior Cruciate Ligament

Presenter WJM Bruce

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION
62 ANNUAL SCIENTIFIC MEETING
OCTOBER 2002**

MELBOURNE AUSTRALIA

Pulmonary Emboli After Joint Replacement

SD Tan, W Bruce, H Van Der Wall, E Marel

The Role of Ultrasound in the Diagnosis of Full Thickness Rotator Cuff Tears

JA Goldberg, W Bruce, W Walsh, D Sonnabend

Suture Anchors: Ethibond versus Fibrewire

A Perry, D Acton, P Stephens, R Evans, R M Gillies, W Bruce, J Goldberg, DH Sonnabend, W R Walsh

The Effects of Polyethylene Wear Debris on Fracture Healing in the Rat

R Rajaratnam, A Low, Y Yu, WJM Bruce, J Fisher, E Ingham W R Walsh

Therapeutic Ultrasound

(Presenter W R Walsh)

Mechanical Properties of Endobutton Constructs for use in ACL Reconstruction

P Stephens, M Takafumi, R Evans, D Acton, A Perry, W Bruce, WR Walsh

A Biodelivery Interference Screw for Augmentation of Tendon-Bone Healing

R O Evans, P Hughes, J Iliopoulos, Y Yu, C Waller, WJM Bruce, WR Walsh

Calcium Sulfate Bone Graft Substitutes

P Chapman-Sheath, S Cain, Y Yu, WJM Bruce, WR Walsh

AUSTRALIAN KNEE SOCIETY
MELBOURNE VICTORIA - OCTOBER 2002
Pulmonary Emboli Following Total Hip Arthroplasty
W Bruce, S Tan, H Van Der Wall, G Storey

INTERNATIONAL SOCIETY FOR CERAMICS IN MEDICINE
DECEMBER 4 – 8, 2002
UNIVERSITY OF TECHNOLOGY
Ceramic on Ceramic Articulations in Total Hip Replacements
Presenter WJM Bruce
International Invited Speaker

ADVANCED PROFESSIONAL EDUCATIONAL SEMINAR
SILVER STAR CANADA
6TH TO 10TH JANUARY 2003
A Novel Imaging Test for the Detection of Fat Embolism

NORTH AMERICAN HIP & KNEE SYMPOSIUM
JANUARY 23 – JANUARY 25 2003
BEAVER CREEK, COLORADO
A Novel Imaging Test for the Detection of Fat Embolism
Presenter WJM Bruce
Surface Roughness Comparison of Mobile Bearing Knees
Presenter WJM Bruce
International Invited Speaker

ORS 49th ANNUAL MEETING
2-5 FEBRUARY 2003
NEW ORLEANS LA USA
Can Low Intensity Pulsed Ultrasound be used to Augment Tendon-bone Healing
WR Walsh, J Huckle, J Bliss, R Evans, Y Yu, J Iliopoulos, P Hughes, W Bruce, A Carter
Finite Element Modelling of 3 Uncemented Stems.
A Turner, **RM Gillies**, W Bruce, D Dennis, R Sekel, P Morris, WR Walsh
Effect of Suture Type on the Mechanical Performance over Anchor Eyelet
D Acton, **A Perry**, R Evans, P Stephens, A Butler, W Bruce, J Goldberg,
DH Sonnabend, WR Walsh
Tensile Properties of Meniscal Repairs
R Evans, **D Acton**, A Perry, C Waller, W Bruce, RM Gillies, WR Walsh
Mechanical Properties of Endobutton Constructs used in an ACL Reconstruction
PC Stephens, T Miwa, A Perry, D Acton, R Evans, W Bruce, WR Walsh

SCIENTIFIC SEMINAR FOR THE ASIA PACIFIC
EXCELLENCE IN JOINT ARTHROPLASTY
GOLD COAST QUEENSLAND
27TH FEBRUARY TO 1 MARCH 2003
Posterior or Anterior Referencing in Total Knee Replacement
A Fit and Fill Stem Fits all Revisions
National Invited Speaker

INTERNATIONAL SOCIETY OF ARTHROSCOPY KNEE SURGERY AND ORTHOPAEDIC
SPORTS MEDICINE
AUCKLAND NEW ZEALAND
MARCH 10-14 2003
Stress Distribution in Mobile Bearing Knees
Presenter : WR Walsh,
R Gillies, Y Choi, W Bruce

AUSTRALIAN COLLEGE OF SPORTS PHYSICIANS
REGISTRARS
SYDNEY
21 MARCH 2003
Update on Chondral, Meniscal and Cruciate Injuries

**AUSTRALIAN SKI PATROL ASSOCIATION EDUCATION SEMINAR
SYDNEY
MARCH 30TH 2003
Lower Limb Injuries**

**ASPAC MEETING
SANCTUARY COVE – QUEENSLAND
7TH TO 9TH APRIL 2003
SROM: Pros Cons and Technical Tips
What Bearing Surface Would you Use?
Treatment of Crowe II Congenital Dislocation of the Hip
Infected Total Hip Arthroplasty
National Invited Speaker**

**SOCIETY FOR BIOMATERIALS
29TH ANNUAL MEETING AND EXPOSITION
APRIL 30 – MAY 3, 2003
RENO, NEVADA USA
The Effect of Suture Type on the Mechanical Performance over a Suture Eyelet
D Acton, A Perry, RO Evans, P Stephens, A Butler, W Bruce, R Gillies, **WR Walsh**
Mechanical Properties of Endobutton Constructs
P Stephens, T Miwa,, A Perry, D Acton, R Evans, W Bruce, **WR Walsh****

**DE PUY IN SERVICE WORKSHOP
26 MAY 2003
MELBOURNE
Results of S-Rom Prostheses and Basic Research of Hydroxy Appetite Coated Titanium Stems
and Bone Graft Substitutes**

**AUSTRALIAN COLLEGE OF SPORTS PHYSICIANS – REGISTRARS
JUNE 2003
SYDNEY
Hip Arthroscopy – Indications**

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION, STATE MEETING
JUNE 2003 SYDNEY
Design Rationale Stability Total Hip Replacement**

**UPDATE IN HIP SURGERY
SEOUL KOREA
JUNE 14TH 2003
Minimally Invasive Total Hip Arthroplasty
International Invited Speaker**

**CONTINUING EDUCATION COMMITTEE MEETING
AUSTRALIAN ORTHOPAEDIC ASSOCIATION
HIPS FOR ALL AGES
SYDNEY – JULY 2003
Massive Femoral Allograft
Bipolar Hemiarthroplasty
Uncemented Hip Replacement Ceramic on Ceramic Surfaces
National Invited Speaker**

**INTERNATIONAL SYMPOSIUM ON LIGAMENT AND TENDON – III
TULANE UNIVERSITY
NEW ORLEANS LA 2003
Mechanical Properties of Endobutton Constructs used in ACL Reconstruction
P Stephens, T Miwa, A Perry, D Acton, R Evans, W Bruce, WR Walsh
Effect of Suture Type on the Performance over a Suture Anchor Eyelet
D Acton, A Perry, R Evans, P Stephens, A Butler, W Bruce, J Goldberg, D Sonnabend, WR Walsh**

EUROPEAN ORTHOPAEDIC RESEARCH SOCIETY

4-7 June 2003

HELSINKI FINLAND

A Biodelivery Interference Screw for Augmenting Tendon Bone Healing

P Hughes, R Evans, J Iliopoulos, Y Yu, C Waller, W Bruce, W Walsh

Mechanical Performance of Different Sutures over an Anchor Eyelet

D Acton, P Stephens, R Evans, W Bruce, W Walsh

Effect of Low Intensity Pulsed Ultrasound on Tendon Bone Healing

R Evans, P Hughes, J Bliss, J Huckle, W Bruce, WR Walsh

16TH ANNUAL SMITH AND NEPHEW WINTER MEETING

5-10 JULY 2003

SHERATON MIRAGE, GOLD COAST, AUSTRALIA

Platelet Derived Growth Factors in ACL Reconstruction

Why I Cut the PCL in Total Knee Replacement

STRYKER SOUTH PACIFIC MEETING

QUEENSTOWN NZ

30 AUGUST TO 5 SEPTEMBER 2003

How to Perform a Trochanteric Slide

Exposure for Revision Total Knee Replacement

Ceramic on Ceramic Bearings

International Invited Speaker

BRITISH ORTHOPAEDIC ASSOCIATION

17-19 September 2003

BIRMINGHAM UK

Effect of Suture Type on the Mechanical Performance over a Suture Anchor Eyelet

D Acton, A Perry, R Evans, A Butler, W Bruce, J Goldberg, DH Sonnabend, WR Walsh

Influence of Boundary Conditions on the Torsional Properties of Long Bones

RM Gillies, T Miwa, R Evans, D Acton, A Perry, W Bruce, WR Walsh

The Effect of Butyric acid/Polyhydroxybutyrate (PHB) on the Histologic and Mechanical Properties of Meniscal Tears in the Red/White Zone

A Perry, D Acton, W Walsh, W Bruce,

AUSTRALIAN AND NEW ZEALAND ORTHOPAEDIC RESEARCH SOCIETY

9-11 OCTOBER 2003

ADELAIDE

Meniscal Healing Using an Angiogenic Suture

W R Walsh, E Wright, P Stephens, A Perry, D Acton, R Evans, P Hughes, W Bruce

Polyaxial Suture Anchor: Mechanical Evaluation

M Deakin, D Stubbs, V Stas, J Goldberg, W Bruce, RM Gillies, WR Walsh

Increased Contact Area and Pressure in Tendon-Bone Repair

D Stubbs, M Deakin, D Hartright, W Bruce, J Goldberg, RM Gillies, WR Walsh

Does Radio Frequency Alter Treatment after Compressive Properties and Histology of Menisci

D Stubbs, M Deakin, V Stas, R Naper, W Bruce, E Wright, RM Gillies, W Walsh

Cartilage Defect Healing Using a Polymeric Scaffold, Follistatin and BMP"

WR Walsh, P Stephens, P Walsh, S Suliman, Y Yu, JB Chen, R Hanson, W Bruce

W Bruce - International Invited Keynote Speaker

NZ KNEE AND SPORTS SOCIETY MEETING

MT MANGANUI - 17-19 OCTOBER 2003

Keynote Speaker

Contact Surface Area in Fixed and Mobile Bearing Knees

Surface roughness of Mobile Bearing Knees

Mechanical and Histological Evaluation of Uncemented Implant Fixation Surfaces

Mechanical and Histological Investigation of Currently Available Bone Graft Substitute

Meniscal Healing using Butyric Coated Sutures

The Effects of Radiofrequency Treatment on Menisci

Autologous Growth Factors and Tendon-Bone Healing

International Invited Keynote Speaker

**NEW ZEALAND ORTHOPAEDIC ASSOCIATION
52ND ANNUAL SCIENTIFIC MEETING & INDUSTRY EXHIBITION
THE JOHN SULLIVAN MEMORIAL LECTURE
ROTORUA
19 – 23 OCTOBER 2003
John Sullivan Memorial Lecture
Invited Keynote Speaker – Knee Society
Science versus Technology**

**CLINIC D'ARGONAY – ANNECY
FRANCE
27 NOVEMBER 2003
CORAIL: The Australian Experience
International Invited Speaker**

**AUSTRALIAN SKI PATROL ASSOCIATION EDUCATION SEMINAR
March 2004
SYDNEY
Lower Limb Injuries**

**CONCORD HOSPITAL PHYSICIANS' WORKSHOP
8 APRIL 2004
CONCORD
Sciences versus Technology in Orthopaedic Surgery**

**ORTHOSPORTS GENERAL PRACTITIONER CONTINUING EDUCATION
19 APRIL 2004
HURSTVILLE
Investigation of Hip Pain and Latest Development in Hip Surgery
Indications for and Managing Complications after Joint Replacement**

**STRYKER KNEE SYMPOSIUM
APRIL 2004
COURAN COVE QLD
The Future of Knee Surgery
National Invited Keynote Speaker**

**ASPAC MEETING HIP SESSION
27 APRIL 2004
SANCTUARY COVE, QLD
Ceramic on Ceramic Surfaces in Joint Replacement Pros and Cons
SRM Total Hip Replacement Pros and Cons and Technique Tips
Case Discussions – What Bearing Surface Would You Use?
Treatment of Crowe II Level DDH
Infected Total Hip Arthroplasty
National Invited Speaker**

**ORTHOSPORTS GENERAL PRACTITIONER CONTINUING EDUCATION
3 MAY 2004
CONCORD
Investigation of Hip Pain and Latest Development in Hip Surgery
Indications for and Managing Complications after Joint Replacement**

**HIPS AND KNEES IN CARBOS
JUNE 2004
Knee MIS Panel Discussion
Total Knee Replacement versus Unicompartamental Knee Replacement
International Invited Speaker**

**CURRENT CONCEPTS IN ARTHROPLASTY, TRAUMA AND SPORTS INJURY
JULY 2004**

PALM COVE, AUSTRALIA.

Wear Patterns in Total Knee Replacement
Science versus Technology.
Unicompartmental Knee versus Total Knee Replacement.
National Invited Speaker

**ORTHOSPORTS GENERAL PRACTITIONERS CONTINUING EDUCATION
JULY 2004**

RANDWICK

Investigations of Hip Pain and Latest Developments in Hip Surgery

**CONTINUING EDUCATION COMMITTEE MEETING
AUSTRALIAN ORTHOPAEDIC ASSOCIATION
NEW TECHNOLOGIES IN ORTHOPAEDICS
BRISBANE – AUGUST 2004**

1. Low Intensity Pulse Ultrasound can Augment Tendon/Bone Healing
W Walsh and WJM Bruce
2. Novel Meniscal Repair Techniques
W Walsh, Stevens, Bruce and Wright

**APOA MEETING
SEPTEMBER 2004**

MALASIA

Total Knee Replacement, the Past, the Present and the Future.
Choosing a Prosthesis for Primary Total Knee Replacement
Uncemented Implants in Revision Total Hip Surgery
International Invited Keynote Speaker

**AUSTRALIA AND NEW ZEALAND ORTHOPAEDIC RESEARCH SOCIETY
OCTOBER 2004**

SYDNEY

Ulnar Defect Healing with a Bone Graft Substitute and Low Intensity Pulsed Ultrasound
(LIPUS)

PC Stephens, B Neichoda, J Auld, A Langdown, WJM Bruce, J Chen, Y Yu, N Pounder,
WR Walsh

**SHOULDER AND ELBOW SOCIETY OF AUSTRALIA
NOVEMBER 2004**

VICTORIA

Improved Tendon-Bone Contact and Decreased Gap formation in Rotator Cuff Repairs
J Goldberg, J Auld, A Langdown, M Pelletier, K Onishi, WJM Bruce, W Harper,
I Popoff.

**DE PUY INTERNATIONAL SALES MEETING
JANUARY 2005**

MONTE CARLO – MONACO

Corail – Minimal Access Surgery – Australian Results
International Invited Speaker

**NORTH AMERICAN HIP AND KNEE SYMPOSIUM
FEBRUARY 3,4,5, 2005**

COPPER MOUNTAIN COLORADO

The Modular Option
Ceramic – Ceramic

International Invited Speaker

**AUSTRALIAN SKI PATROL ASSOCIATION EDUCATION SEMINAR
MARCH – 2005**

CREMORNE – SYDNEY

Lower Limb Injuries
W Bruce

INTELLIGENT HIP LEARNING CENTRE

28-29 MAY 2005

WESTIN HOTEL – SYDNEY

MI – Posterior Approach

Corail Stem: 18 Years of Clinical Excellence for a Guaranteed MI THR

Introduce a Surgeon's Perspective on Bearing Selection for Patients

Bioceramics in Total Hip Replacement- Material/Wear/Head Size

National Invited Speaker

**UTILISATION OF HA IN PRIMARY AND REVISION SURGERY
LEARNING CENTRE**

MAY 2005

ANNECY, FRANCE

Surface Roughness and HA: The Effect on Shear Strength: Australian Results

International Invited Speaker

SMITH & NEPHEW 18TH ANNUAL WINTER MEETING

2-8 JULY 2005

CAIRNS

Growth in titanium Implants with Different HA Thickness

Does Increasing the Flexion Gap Lead to Increased Bend in THR

CAS in Perspective

Perspective in Unicompartamental Knee Arthroplasty

Ceramic on Ceramic Surfaces in Total Hip Replacement

National Invited Speaker

ARTHROPLASTY SOCIETY OF AUSTRALIA

5-9 OCTOBER 2005

BUNKER BAY RESORT

Strain Distribution, Clinical and Radiographic Results of the Corail (DePuy, Leeds, UK) Femoral Component

Presenter - W Bruce

A. Leong, D. Michaels, B. Datgta, I. Goga, W.R. Walsh

In Vivo Resorption and Bone Formation of Bone Graft Substitutes: A Review

Presenter - W Bruce

W.R. Walsh

AUSTRALIAN ORTHOPAEDIC ASSOCIATION

ANNUAL SCIENTIFIC MEETING

10-13 OCTOBER 2005

PERTH

The Best Option for Treating Hip Osteoarthritis in a 60 Year Old Male Is Cementless Arthroplasty

National Invited Speaker

Unicompartamental Arthritis in a 60 Year Old is Best Treated with Total Knee Replacement

National Invited Speaker

Strain Distribution and Short Term Radiographic Results of an Uncemented Hip Prosthesis

W Bruce, A Leong, N Bertolio, D Michaels, C Jones, WR Walsh

Does Curing Temperature Influence the Mechanical Properties of Bone Cements

P Smitham, D Michael, A Leong, M Pelletier, A Butler, G Neilsen, W Bruce, WR Walsh

In Vivo analysis of Hydroxyapatite Based Bone Graft Substitutes in a Rabbit Tibial Defect

P Smitham, J Auld, A Langdown, A Butler, F Vizeal, P Stephens, W Bruce, WR Walsh

Surface Analysis of Retrieved Femoral Knee Components

P Walker, AM Butler, W Bruce WR Walsh

NORTH AMERICAN HIP AND KNEE SYMPOSIUM

28 JANUARY 2006

COPPER MOUNTAIN

Cruciate Retaining Versus Cruciate Sacrificing Total Knee Arthroplasty

W Bruce

International Invited Speaker

Unicompartamental Knee Replacement versus Total Knee Replacement

W Bruce

International Invited Speaker

**ORTHOPAEDIC RESEARCH SOCIETY
19-22 MARCH 2006
CHICAGO ILLINOIS USA**

In Vivo evaluation of B-TCP bone graft substitutes in bilateral tibial defect model
J Auld, A Butler, F Vizesi, P Smitham, W Bruce, J Rawlinson, I Hiroyuki, W R Walsh
A new composite bioabsorbable osteoconductive material
W R Walsh, N Cotton, P Stephens, J Brunelle, A Langdown, J Auld, F Vizesi, P Smitham, W Bruce
Effect of implant porosity on bone graft substitute particulates
P Smitham, P Stephens, A Langdown, J Auld, F Vizesi, W Bruce, A Butler, T Buckland, WR Walsh
ACI reconstruction using a novel absorbable composite interference screw in sheep
W R Walsh, N Cotton, P Stephens, P Brunelle, F Vizesi, Y Yu, W Bruce

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION
THE SYDNEY CONTINUING ORTHOPAEDIC EDUCATION MEETING FOR 2006 ENTITLED
"KNEE AND SHOULDER"
5-7 APRIL 2006**

SYDNEY HILTON HOTEL

Wear Patterns in Total Knee Replacement
Presenter - W.J.M. Bruce
Fat Emboli and CAS
Presenter - W.J.M. Bruce
Why I do so few Unicompartmental Knee Replacements
Presenter - W.J.M. Bruce
The Case for Cruciate Sacrificing Knees
Presenter - W.J.M. Bruce
Pressure Studies in High Flex Knees
Presenter - W. Walsh, W.J.M. Bruce
Painful Total Knee Replacement
Presenter – W.J.M. Bruce

**GENESIS II USER GROUP
8 APRIL 2006**

SYDNEY AUSTRALIA

Does an increase in Flexion Gap lead to an increase in range of motion
Cruciate retaining versus cruciate sacrificing knee
International Invited Speaker

**CONCEPTS IN SPORTS INJURIES ARTHROPLASTY & TRAUMA
6-12 AUGUST 2006**

DENARAU ISLAND FIJI

Improvement of Meniscal Suture
International Invited Speaker-W.J.M. Bruce
Growth Factor in Anterior Cruciate Ligament Reconstructions
International Invited Speaker-W.J.M. Bruce
Total Hip Replacement in Congenital Dislocation of the Hip
International Invited Speaker-W.J.M. Bruce
Increasing flexion gap and range of motion
International Invited Speaker-W.J.M. Bruce
The case for a posterior stabilised Total Knee Replacement
International Invited Speaker-W.J.M. Bruce
Are we doing too many Uni's?
International Invited Speaker-W.J.M. Bruce

**COMBINED SCIENTIFIC MEETING – AUSTRALIAN ORTHOPAEDIC ASSOCIATION
8-13 OCTOBER 2006
CANNBERRA AUSTRALIA**

Do High Flex Tibial Inserts result in more Knee Flexion after Total Knee Replacement? A Randomized Trial
L.Biant, W.J.M.Bruce, P.Walker, S.Hermann, W.R.Walsh
How Accurate is Surgeon Estimation of Knee Range of Movement during Total Knee Replacement?
L.Biant, W.J.M.Bruce, P.Walker, S.Hermann, W.R.Walsh

NOVARTIS DINNER MEETING

23 NOVEMBER 2006

SYDNEY AUSTRALIA

A New Treatment in the Management of Osteoarthritis

Treatment of Osteoarthritis in Hip Replacements

W.J.M.Bruce

TAE KWON DO SOCIETY

21 MARCH 2007

SYDNEY AUSTRALIA

Hip Joint problems and Tae Kwon Do

W.J.M.Bruce

ASPA EMERGENCY MEDICINE TRAINING COURSE

24 MARCH 2007

SYDNEY AUSTRALIA

Management of Lower Limb Injuries

W.J.M.Bruce

GENESIS II USER GROUP MEETING

8 APRIL 2007

CROWNE PLAZA COOGEE

Cruciate Retaining vs Cruciate Sacrificing

Lecturer: W.J.M. Bruce

PRESENTATION NSW ORTHOPAEDIC REGISTRARS PROGRAM

22 MAY 2007

SYDNEY AUSTRALIA

Bearing surfaces, wear, debris and Osteolysis in Total Hip Replacement

W.J.M.Bruce, W.R.Walsh

EFORT

MAY 2007

FLORENCE

High Flexion vs Standard Tibial Polyethylene Inserts in Total Knee Replacement

A Randomised Controlled Trial Assessing Knee Flexion and Stability and Laboratory Analysis

of Contact Pressures

Presenter: L.C. Biant

W.J.M. Bruce, P.M. Walker, S. Hermann, W.R. Walsh

GENESIS II USER GROUP MEETING

23 JUNE 2007

SYDNEY AUSTRALIA

High Flexion versus standard Tibial Polyethylene insert in Total Knee Arthroplasty

W.J.M.Bruce, L.Biant, P.Walker, S.Hermann, W.R.Walsh

CONCEPTS IN SPORTS INJURIES ARTHROPLASTY & TRAUMA

24-30 JUNE 2007

FIJI – 20TH ANNUAL WINTER MEETING

Hip Arthroscopy – Surgical Technique

W.J.M.Bruce

Autologous Growth Factors & Ultrasound in ACL Reconstruction

W.J.M.Bruce, W.R.Walsh

SEDDON SOCIETY MEETING

JUNE 2007

ENGLAND

New Technique of Bone Allograft Sterilisation using Supercritical CO₂ which

Maintains Mechanical Properties and Bone Proteins

Winner of the William Little Medal

Infection or Allergy in the Painful Metal on Metal Total Hip Replacement?

L.C. Biant, W.J.M. Bruce, H. Van der Wall, W.R. Walsh

OSTEOPOROSIS & FRACTURE MANAGEMENT IN THE ELDERLY

25 JULY 2007

SYDNEY AUSTRALIA

W.J.M.Bruce

CONTINUING ORTHOPAEDIC EDUCATION CAS AND M IS IN ARTHROPLASTY AND TRAUMA

9-11 AUGUST 2007

PERTH AUSTRALIA

CAS and patient morbidity

W.J.M.Bruce, A.Galea, P.Walker, L.Biant, W.Walsh

Computer Navigation in the Knee "The Good, The Bad and The Ugly"

W.J.M. Bruce

SMITH & NEPHEW SURGICAL SKI MEETING

30 AUGUST 2007

CHRISTCHURCH NEW ZEALAND

The place for Unicompartmental Knee Replacement in Osteoarthritis of the Knee

W.J.M.Bruce, W.R.Walsh

The Case for Cruciate Sacrificing Knees

W.J.M.Bruce, W.R.Walsh

ARTHROPLASTY SOCIETY OF AUSTRALIA – ANNUAL SCIENTIFIC MEETING

5-9 SEPTEMBER 2007

PEPPERS RESORT, SOUTH KINGSCLIFF NSW AUSTRALIA

Allograft Sterilisation and Biomechanical Properties

W.R.Walsh, L.Biant, R.Mammucari, W.J.M.Bruce, P.Walker, N.Foster

The Anatomically Difficult Primary Total Hip Replacement 10 year result using a Cementless Modular Prosthesis

W.J.M.Bruce, L.Biant, J.B.Assini, P.Walker, W.R.Walsh

Primary Total Hip Arthroplasty in severe developmental Dysplasia of the Hip 10 year results using an Uncemented Modular System

W.J.M.Bruce, L.Biant, J.Assini, P.Walker, W.R.Walsh

Comparison of three different Uncemented Surfaces in a Weight Bearing Sheep Model

B.White, W.J.Bruce, W.R.Walsh

The accuracy of Computer measurement of Bone Resections made during Computer Navigated total Knee

Replacement – the Flexion and Extension Gaps

W.J.M.Bruce, L.Biant, K.M.Yeoh, P.Walker, W.R.Walsh

Tibio Femoral contact areas and pressures in High Flexion Knees

W.J.M.Bruce, P.Walker, S.Hermann, K.Shiramizu, W.R.Walsh

Debate: Should Cement be allowed in Total Hip Replacement in Patients under 50 years of age

W.J.M.Bruce, W.R.Walsh

BRITISH ORTHOPAEDICS ASSOCIATION ANNUAL SCIENTIFIC MEETING

SEPTEMBER 2007

MANCHESTER

High Flexion vs Standard Tibial Polyethylene Inserts in Total Knee Replacement

A Randomised Controlled Trial Assessing Knee Flexion and Stability and

Laboratory Analysis of Contact Pressures

SMITH & NEPHEW - THE ACTIVE KNEE

INTERNATIONAL SPORTS MEDICINE & KNEE ARTHROPLASTY MEETING

3-7 OCTOBER 2007

PRAGUE, CZECH REPUBLIC

Sport after Knee Arthroplasty

W.J.M.Bruce, A.Galea, W.R.Walsh

**67TH ANNUAL SCIENTIFIC MEETING
7-12 OCTOBER 2007
GOLD COAST AUSTRALIA**

The Accuracy of Computer Measurement of Bone Resections made during Computer Navigated Total Knee Replacement – The Flexion and Extension Gaps

L.Biant, W.J.M.Bruce

Technique of Bone Allograft Sterilization using Supercritical CO₂ which maintains Bone Mechanical Properties. A significant advance in potential for use of Bone Allograft in Orthopaedic Reconstruction Surgery

L.Biant, W.J.M.Bruce

Infection or Allergy in Metal-On-Metal THR? A practical approach to investigating the painful Hip Replacement

L.Biant, W.J.M.Bruce

**AUSTRALIAN ORTHOPAEDICS ASSOCIATION ANNUAL CONGRESS
OCTOBER 2007**

GOLD COAST, QUEENSLAND

New Technique of Bone Allograft Sterilisation using Supercritical CO₂ which maintains Mechanical Properties and Bone Proteins

L.C. Biant, R. Mammucari, J. Pham, W.R. Walsh, N. Foster, S. Bell

High Flexion vs Standard Tibial Polyethylene Inserts in Total Knee Replacement

A Randomised Controlled Trial Assessing Knee Flexion and Stability and Laboratory Analysis of Contact Pressures

L.C. Biant, W.J.M. Bruce, P.M. Walker, S. Hermann, W.R. Walsh

Primary Total Hip Arthroplasty in Severe Developmental Dysplasia of the Hip Ten Year Results using a Cementless Modular Stem

L.C. Biant, W.J.M. Bruce, J.B. Assini, P.M. Walker, W.R. Walsh

Infection or Allergy in the Painful Metal on Metal Total Hip Replacement?

L.C. Biant, W.J.M. Bruce, H. Van der Wall, W.R. Walsh

**CITY GYM PUBLICATION
NOVEMBER 2007**

SYDNEY
Newsletter

THE NATIONAL PROSTHESES CONGRESS

11-12 DECEMBER 2007

SWISSOTEL, SYDNEY

The Future of Design and Development

Presenter: W.J.M. Bruce

NORTH AMERICAN HIP & KNEE

7-9 FEBRUARY 2008

STEAMBOAT SPRINGS

The Dreaded Late Night Phone Call: Preventing Complications

Presenter: W.J.M. Bruce

ASIA PACIFIC KLEOS MEETING

18-20 APRIL 2008

GOLD COAST AUSTRALIA

Tissue Preservation in Total Joint Replacement

Surgical Technique Factors for the Anthology Total Hip Replacement

Presenter: W.J.M. Bruce

Case Discussion Panel

Presenter: W.J.M. Bruce

Ceramic on Ceramic: Pros & Cons

Presenter: W.J.M. Bruce

Workshop Chairman BHR

W.J.M. Bruce

**ARTHROPLASTY SOCIETY OF AUSTRALIA
ANNUAL SCIENTIFIC MEETING
30 APRIL – 3 MAY 2008
CANBERRA AUSTRALIA**

Great Debate I: Proposition: "Joint Replacement Surgery should be Performed in University Affiliated Specialized Arthroplasty Centres by Specifically Trained, High Volume Arthroplasty Surgeons"
Against the Proposition: Prof. W. Bruce

**E-FORT
MAY 2008
NICE, FRANCE**

Primary Total Hip Arthroplasty in Severe Development Dysplasia of the Hip – 10 year Results
Presenter: L Biant
Infection or Allergy in Metal – on –Metal THR? A practical Approach to Investigating the Painful Total Hip Replacement
Presenter: L Biant
The Anatomically Difficult Primary Total Hip Replacement. Ten Year Results Using a Cementless Modular Prosthesis
Presenter: L Biant

**JISHUITAN ORTHOPAEDICS FORUM
JUNE 2008
BEIJING CHINA**

Medial Release for Fixed Varus Deformity
Presenter: W. Bruce
Uncemented Hip Replacement in Congenital Dislocation of the Hip
Presenter: W. Bruce
Evaluating a Painful Total Hip Replacement
Presenter: W. Bruce

**TRIBOS ARTICULATING SCIENCE STRYKER
4-6 SEPTEMBER 2008
QUEENSLAND AUSTRALIA**

Polyethylene Wear in the Knee – is Granuloma really the Issue?
Presenter: W. Bruce
Debate – Full Coated HA Stems are better than Proximally Coated
Affirms: W. Bruce

**KLEOS MEETING
8-12 OCTOBER 2008
FRANKFURT, GERMANY**

"The Knee, Our Universe" Real Changes & Reliable Solutions
Tribute to Dr Richard Laskin
Presenter: W. Bruce
My Worst Case
Presenter: W. Bruce
Indications for High Tibial Osteotomy, Uni and Patellofemoral Components
Presenter: W. Bruce

**NATIONAL PROSTHESES CONGRESS
5-6 NOVEMBER 2008
AMORA HOTEL JAMISON SYDNEY**

Device Registries and Post-Market Surveillance
Presenter: W. Bruce
M. Waites

**AUSTRALIAN SKI PATROL ASSOCIATION
29 MARCH 2009
VICTORIA BARRACKS CONFERENCE CENTRE SYDNEY**
Lower Limb Injuries
Presenter: W Bruce

**3RD ANNUAL CONFERENCE OF THE INDIAN SOCIETY OF HIP & KNEE SURGEONS
2- 3 MAY 2009
NEW DELHI,INDIA**

Functional Recovery & Future trends in Treatment of Patello Femoral Joint Arthritis
Presenter: W Bruce
Extensive Mechanism Failure – Causes & Management
Presenter: W Bruce
Panel Discussion on Perspective in Hip Resurfacing
Panelist: W Bruce
Panel Discussion on Technical Tips & Pearls in Total Hip
Panelist: W Bruce

**ARTHROPLASTY SOCIETY
28 - 31 May 2009**

NOOSA QUEENSLAND AUSTRALIA

Does the National Joint Replacement Registry reflect the general success of Oxinium
Genesis II Femoral Component?
Presenter: W. Bruce

**KLEOS RECONSTRUCTION SCIENTIFIC MEETING
9 – 11 July 2009**

GOLD COAST QUEENSLAND AUSTRALIA

Meeting Chairman & Organiser
Ceramic on Ceramic Articulation
Presenter: W Bruce
Debate: Why I do a Patello Femoral Knee Replacement
Presenter: D. Campbell
Why David is Wrong
Presenter: W Bruce
Debate: Why I Do Unicompartamental Knee Replacements
Presenter: D Liu
Why David is Wrong
Presenter: W Bruce
Debate: Why I Trust Metal on Metal with Resurfacing but not with Total Hip Replacement
Presenter: A Shimmin
Why I Think Andrew is Crazy
Presenter: W Bruce
Interactive Session: How I Do a Primary Hip
Presenter: W Bruce

**ORTHOPAEDIC EDUCATION EVENING
30 July 2009**

HURSTVILLE AUSTRALIA

Hip Joint Replacement Surgery
Presenter: W Bruce

**REVISION HIP & KNEE SYMPOSIUM JOHNSON & JOHNSON
10 – 11 September 2009**

GOLD COAST QUEENSLAND AUSTRALIA

Managing Pelvic Bone Loss – Graft or Implant?
Presenter: W Bruce
Management of Extensor Mechanism
Presenter: W Bruce

**AUSTRALIAN KNEE SOCIETY
15 – 17 October 2009**

PALM COVE QUEENSLAND AUSTRALIA

The Effects of Various Treatments on the Anisotropy of Bovine Bone
Presenter: W Bruce
The Oxinium Genesis Femur in the NJRR
Presenter: W Bruce
The Oxinium Fear in the NJRR
Presenter: W Bruce

JAPANESE HIP SOCIETY

30 – 31 October 2009

KYOTO JAPAN

Results of Synergy Total Hip Replacement

Presenter: W Bruce

Hard on Hard Bearings & Surface Replacements

Presenter: W Bruce

ARTHROPLASTY SOCIETY OF AUSTRALIA

ANNUAL SCIENTIFIC MEETING

2 – 5 June 2010

HUNTER VALLEY, NSW, AUSTRALIA

Precision of Operative Steps in Computer Navigated Total Knee Arthroplasty

Presenter: P.Walker

A Comparison of Two Concepts for Improved Function of Knee Replacements. The Journey Study

Presenter: D.Campbell

Debate: M-on-M v's C-on-C

Presenter: A Shimmin

W.Bruce

Triumphs & Tragedies

Presenter/Moderator: W.Bruce

The Incidence, Location and Natural History of Deep Venous Thrombosis Following Total Knee Arthroplasty in Patients on Aspirin

Presenter: W.Bruce

Controversies of Anticoagulants in Knee Replacement Surgeries

Presenter:D.Campbell

SMITH & NEPHEW ORTHOPAEDICS JAPAN HIP & KNEE CADAVERIC MEETING

8 – 11 June 2010

SYDNEY,NSW,AUSTRALIA

Course Chairman (Knee)

How I do A Knee Replacement & Genesis II Clinical Experience

Presenter: W Bruce

Cadaveric Demonstration – Genisi II MIS-DCF

Presenter/Surgeon: W. Bruce

TKA Case Discussion

Chairman: W Bruce

Live Surgery Observation Legion Primary DCF TKA

2 cases.

Presenter/Surgeon: W Bruce

KLEOS ASIA PACIFIC ARTHROPLASTY

FUNDAMENTALS FOR SUCCESS

7 – 10 July 2010

GRAND HYATT HOTEL,HONG KONG

Course Chairman (Hips)

Panel Discussion: How I do a Hip Replacement.

Moderator: W Bruce

How I Stop Dislocation of the Hip Using a Posterior Approach

Presenter: W Bruce

Developmental Dysplastic Hip & THR

Presenter: W. Bruce

Workshop: Developmental Dysplastic Hip

Presenter: W. Bruce

Panel Discussion: Indications for Early Intervention Knee Arthroplasty

Moderator: W. Bruce

SMITH & NEPHEW HIP ADVISORY BOARD

18th September 2010

SINGAPORE

Asia Specific Hip Stem My Own Data

Presenter: W. Bruce

Templating Evaluation
Presenter: W. Bruce
What do the Findings Show Us
Presenter: W. Bruce

GOLDEN OLDIES RUGBY FESTIVAL
28th September 2010
SYDNEY, NSW, AUSTRALIA
Physical Activity After Hip and Knee Replacement Surgery
Presenter: W. Bruce

AOA 70th ANNUAL SCIENTIFIC MEETING
10 – 14 October 2010
ADELAIDE CONVENTION CENTRE, SA, AUSTRALIA
Subspecialty Instructional Course
Total Hip Replacement in Dysplasia
Presenter: W. Bruce

ORTHOSPORTS ORTHOPAEDIC UPDATE
16th October 2010
University of NSW, NSW, AUSTRALIA
Sport After Joint Replacement
Presenter: W. Bruce

SMITH & NEPHEW HIP ADVISORY BOARD MEETING
8th January 2011
GRAND HYATT HOTEL, SINGAPORE
2010 Australian National Joint Registry Results, Oxinium Best in Class
Presenter: W. Bruce

SMITH & NEPHEW KNEE ADVISORY BOARD MEETING
9th January 2011
GRAND HYATT HOTEL, SINGAPORE
Australian National Joint Registry Results
Presenter: W. Bruce

IGOF MASTERS COURSE
12 – 13 March 2011
MIOT, CHENNAI, INDIA
Fractures of the Hip Requiring Total Hip Replacement
Implants in Revision Knee Replacements
Presenter: W. Bruce

AUSTRALIAN SKI PATROL ASSOCIATION
9th APRIL 2011
RANDWICK BARRACKS CONFERENCE CENTRE SYDNEY
Lower Limb Injuries
Presenter: W Bruce

ARTHROPLASTY SOCIETY OF AUSTRALIA
ANNUAL SCIENTIFIC MEETING
1 – 4 June 2011
SANCTUARY COVE, QLD, AUSTRALIA
Custom Fit Total Knee Arthroplasty: Our Initial Experience in 32 Knees
Presenter: K Bali

**MATHYS ORTHOPAEDIC SYMPOSIUM
TOOLS FOR DECISION MAKING IN ARTHRITIC KNEES
17 – 18th July 2011
AUSTRALIAN SCHOOL OF ADVANCED MEDICINE, NSW, AUSTRALIA**

Course Co-Chairman
Debate: Unicompartmental Knee Replacement: Why I don't do many
Presenter: W. Bruce
Total Knee Replacement Design
Presenter: W. Bruce
It's Hypothetical –Panelist.

**KLEOS THA ADVANCED BEARING SEMINAR
25th June 2011
SAPPORO GRAND HOTEL, SAPPORO, JAPAN**

Oxinium in Total Hip Replacement
Presenter: W Bruce

**KLEOS KNEE SEMINAR
27th June 2011
HILTON HOTEL, OSAKA, JAPAN**

Oxinium in Total Knee Replacement
Presenter: W Bruce

**KLEOS SURGICAL VISIT
29th June 2011
RYUGASAKI SAISEKI HOSPITAL, TOKYO, JAPAN**

The Australian Experience with Oxinium in Total Hip Replacement
Presenter: W Bruce

**KLEOS THA ADVANCED COURSE
26th – 27th July 2011
XINJIANG, CHINA**

**KLEOS THA ADVANCED COURSE
29th July 2011
CHENGDU, CHINA**

Prevention of Dislocation in Total Hip Replacement
Presenter: W. Bruce
Treatment of Peri Prosthetic Fractures
Presenter: W. Bruce
Leg Length Equivalency in Total Hip Replacement
Presenter: W. Bruce
Surface Replacement – Who Should Have One
Presenter: W. Bruce

**THE AUSTRALIAN HIP ARTHROSCOPY EDUCATION RESEARCH FOUNDATION
THE SPORTING HIP – NRL, AFL & EVERYTHING IN BETWEEN
20th August 2011**

THE SYDNEY PRIVATE HOSPITAL, ASHFIELD, NSW, AUSTRALIA

How to Examine a Hip
Presenter: W. Bruce
Investigations for Hip Pain
Presenter: W. Bruce

**SMITH & NEPHEW 6th ASIA PACIFIC HIP ARTHROPLASTY ADVISORY BOARD MEETING
26th – 27th August 2011**

RADISSON BLUE HOTEL, SHANGHAI, CHINA

Australian NJRR Update – Oxinium
Presenter: W. Bruce
The Effect of Substrate Roughness & Hydroxyapatite Coating Thickness on Implant Shear Strength
Presenter: W. Bruce

**DEPUY REVISION HIP & KNEE SYMPOSIUM
CURRENT TECHNIQUES IN REVISION ARTHROPLASTY
8th – 9th September 2011
HILTON HOTEL, SURFERS PARADISE, QLD, AUSTRALIA**
Allograft For Pelvic Bone Loss
Presenter: W. Bruce
Management of Femoral Bone Loss
Presenter: W. Bruce
Management of Extensor Mechanism
Presenter: W. Bruce

**PHYSIOTHERAPY SEMINAR
ORTHOPAEDIS – WHAT'S NEW IN 2012
10th March 2012
SYDNEY SHOWGROUND, SYDNEY, NSW, AUSTRALIA**
Hip Arthroscopy Indications
Presenter: W. Bruce

**ARTHROPLAST SOCIETY OF AUSTRALIA
ANNUAL SCIENTIFIC MEETING
30th May – 2nd June 2012
PARK HYATT HOTEL, MELBOURNE, VIC, AUSTRALIA**
Analysis of One Surgeon's Database Compared with the Australian Orthopaedic Association National
Joint Replacement Registry
Presenter: W Bruce
Mid-term Results Using a Medial Pivot Total Knee Replacement – Single Centre, Single Surgeon
Outcome Compared to the Australian National Joint Registry Data
Presenter : W Bruce

**SMITH & NEPHEW HIP & KNEE USERS FORUM
15 – 16th September 2012
MIYAZAKI INTERNATIONAL CONFERENCE CENTRE, JAPAN**
Total Knee Arthroplasty: What We Can Learn From the Australian Registry
Presenter: W Bruce
Verilast Technology in the Hip & Knee
Presenter : W Bruce
Update for the Australian Registry with Verilast
Presenter: W Bruce

**ISTA's 25th ANNUAL CONGRESS
3 – 6th October 2012
HILTON HOTEL, SYDNEY, NSW, AUSTRALIA**
Approaches in Revision TKR and Their Complications
Presenter: W Bruce
Dealing with Extensor Mechanism Problems
Presenter: W Bruce

**AUSTRALIAN ORTHOPAEDIC ASSOCIATION
72nd ANNUAL SCIENTIFIC MEETING
SYDNEY CONVENTION CENTRE, SYDNEY, NSW, AUSTRALIA**
Analysis of One Surgeon's Database Compared with the Australian Orthopaedic Association National
Joint Replacement Registry
Presenter: Bob Jang

**THE 7th INTERNATIONAL CONGRESS of CHINESE ORTHOPAEDIC ASSOCIATION
15 – 18th November 2012**

NATIONAL CONVENTION CENTRE, BEIJING, CHINA

Congenital Dislocation of the Hip

Presenter: W Bruce

Mini Posterior Approach to the Hip and Templating

Presenter: W Bruce

**PHYSIOTHERAPY SEMINAR
ORTHOPAEDICS – WHAT'S NEW IN 2013**

16th February 2013

NOVATEL HOTEL, SYDNEY OLYMPIC PARK, NSW, AUSTRALIA

Diagnosis & Surgical Options for Common Knee Conditions including stem cells

Presenter: W Bruce

JSRA MEETING

SMITH & NEPHEW LUNCHEON SEMINARS INCLUDING VERILAST LAUNCH

21st – 23rd February 2013

INTERNATIONAL CONFERENCE CENTRE, KYOTO, JAPAN

Innovations in TKA Articulation Surfaces – A Current Overview

Presenter: W Bruce

Verilast Technology in the Hip and the Knee

Presenter: W Bruce

SOUTH AFRICAN ARTHROPLASTY SOCIETY 22nd BIENNIAL CONGRESS

17th – 20th April 2013

CHAMPAGNE SPORTS & CONFERENCE CENTRE, DRAKENSBERG, SOUTH AFRICA

Verilast Technology in the Hip

Presenter: W Bruce

Custom Fit TKA

Presenter: W Bruce

ARTHROPLASTY SOCIETY OF AUSTRALIA

ANNUAL SCIENTIFIC MEETING

29th May – 1st June 2013

SHERATON RESORT, NOOSA, QLD, AUSTRALIA

Patient Specific Guides in TKR: Fact or Fiction?

Presenter : W Bruce

APPROACHES TO SUCCESSFUL HIP ARTHROPLASTY

MATHYS ANATOMY WORKSHOP

24th August 2013

AUSTRALIAN SCHOOL OF ADVANCED MEDICINE, MACQUARIE UNIVERSITY, NSW, AUSTRALIA

Advantages & Disadvantages Posterior Approach.

Presenter: W Bruce

Pre-operative Planning

Presenter: W Bruce

MASTER CLASS IN TKA SURGICAL OPTIONS AND ALTERNATIVES

MATHYS ANATOMY WORKSHOP

25th – 26th August 2013

AUSTRALIAN SCHOOL OF ADVANCED MEDICINE, MACQUARIE UNIVERSITY, NSW, AUSTRALIA

The Posterior Stabilized Philosophy

Presenter: W Bruce

Accuracy in TKA

Presenter: W Bruce

Initial Experience PSI

Presenter: W Bruce

MATHYS JAPANESE SALES REPRESENTATIVES TRAINING
13th September 2013
STRINGS HOTEL INTERCONTINENTAL, TOKYO, JAPAN
Anatomical Landmarks and Implant Orientation
Presenter: W Bruce
BalanSys Surgical Technique 4 in 1
Presenter: W Bruce

MASTER CLASS IN TKA SURGICAL OPTIONS AND ALTERNATIVES
MATHYS WORKSHOP
14th September 2013
STRINGS HOTEL INTERCONTINENTAL, TOKYO, JAPAN
The Cruciate Retaining Philosophy
The PS Philosophy
Critical Factors of Success in TKA
Accuracy in TKA
Tips & Tricks with balanSys
How to Deal with the High Deformity Knee
balanSys Long Term Results
Presenter: W Bruce

THE 8th INTERNATIONAL CONGRESS OF CHINESE ORTHOPAEDIC ASSOCIATION
7th – 10th NOVEMBER 2013
BEIJING, CHINA
How I Approach a Failed TKR
THA – Surgical Approaches (Indications/Pitfalls)
How I Do a Primary THR
Difficult TKR & TKA Cases (Panel)
Total Hip Replacement in Congenital Dislocation of the Hip
Presenter: W Bruce

ARTHROPLASTY SOCIETY IN ASIA 1st ANNUAL CONFERENCE
8th – 10th NOVEMBER 2013
BEIJING, CHINA
Total Hip Replacement in Congenital Dislocation of the Hip
Presenter: W Bruce

THE 61st CEO OF INDONESIAN ORTHOPAEDIC ASSOCIATION COMBINE MEETING WITH
AUSTALIAN ORTHOPAEDIC ASSOCIATION
24th – 26th April 2014
BALI NUSA DUA CONVENTION CENTRE, NUSA DUA, BALI, INDONESIA
Navigation and Patient Specific Blocks
Presenter: W Bruce

ARTHROPLASTY SOCIETY OF AUSTRALIA
ANNUAL SCIENTIFIC MEETING
21st – 25th May 2014
THE ESPLANADE HOTEL, FREMANTLE, WA, AUSTRALIA
TKR and PSI in the Morbidly Obese Patient
Presenter: W.Bruce

SMITH & NEPHEW INSTRUCTIONAL COURSE
8th – 9th August 2014
AUSTRALIAN SCHOOL OF ADVANCED MEDICINE, MACQUARIE UNIVERSITY, NSW, AUSTRALIA
Evaluation of the Painful Knee Replacement – The Importance of Preoperative Diagnosis
The Extensor Mechanism in Revision Knee Arthroplasty – Problems & Solutions.
Presenter : W Bruce

**MATHYS ANATOMY WORKSHOP. SURGICAL OPTIONS & ALTERNATIVES IN TKA, USING
BALANSYS
24th August 2014
AUSTRALIAN SCHOOL OF ADVANCED MEDICINE, MACQUARIE UNIVERSITY, NSW, AUSTRALIA**
The Posterior Stabilized Philosophy.
Complications with the Extensor Mechanism in TKR.
Presenter: W Bruce

**MATHYS 1st INTERNATIONAL HIP COMMUNITY CONVENTION
2nd – 4th October 2014
LUCERNE, SWITZERLAND**
MIS: From Past to Present – A Historical View
What Kind of Innovation Should We Focus On?
Presenter: W Bruce

**2nd ANNUAL MEETING OF ARTHROPLASTY SOCIETY IN ASIA
6th – 8th NOVEMBER 2014
JW MARRIOTT HOTEL, SEOUL, KOREA**
Unicompartmental Knee Arthroplasty
Presenter W. Bruce

**PHYSIOTHERAPY SEMINAR
ORTHOPAEDICS – WHAT'S NEW IN 2015
28th February 2015
NOVATEL HOTEL, SYDNEY OLYMPIC PARK, NSW, AUSTRALIA**
What Works in Orthopaedics & Does Advertising Change Our Practice
Presenter: W Bruce

**MATHYS 2nd INOVATIONS, TECHNOLOGY & TRENDS FORUM
13th MARCH 2015
FOUR SEASONS HOTEL, SYDNEY, AUSTRALIA**
Why I Use MIS in THR
Presenter: W Bruce

**WORLD ARTHROPLASTY CONGRESS FOR ICJR
16th – 18th APRIL 2015
PALAIS DES CONGRES, PARIS, FRANCE**
TKR in the Morbidly Obese
Highlights of the Australian Registry, Knees
A New National Surgical Site Infection Surveillance Program for New Zealand
Presenter: W Bruce

**NZOA HIP SOCIETY COE
30th APRIL – 2nd MAY 2015
LANGHAM HOTEL, AUCKLAND, NEW ZEALAND**
Debate: Anterior Approach – Help or Hype
Presenter: W Bruce – Opposes
Management of Periprosthetic Fractures
Presenter: W Bruce

**ROYAL REHAB PHYSIO & ALLIED HEALTH LECTURE
20th JULY 2015
ROYAL REHAB, RYDE, AUSTRALIA**
Update on the latest in Hip & Knee Operative & Non Operative Treatment for Osteoarthritis in the Elderly.
Presenter: W Bruce

**ADVANCING ORTHOPAEDICS IN HIP & KNEE ARTHROPLASTY – SMITH & NEPHEW
31st JULY – 1st AUGUST 2015
INTERCONTINENTAL HOTEL, SANCTUARY COVE, QLD, AUSTRALIA**

Course Chairman

The Other Side of the Wear Story: OXINIUM Technology
GENESIS II – Standing the Test of Time: A Global Review of GENESIS II Outcomes.
Why I use Patient Specific Instruments – VISIONAIRE Patient Matched Technology
Is it SAFE to Leave the Well-Fixed Stem?

Presenter: W Bruce

**MATHYS ANATOMY WORKSHOP – SURGICAL OPTIONS & ALTERNATIVES IN TKA USING balanSys
16th AUGUST 2015**

AUSTRALIAN SCHOOL OF ADVANCED MEDICINE, MACQUARIE UNIVERSITY, NSW, AUSTRALIA

Anatomic Knee Replacement
The Posterior Stabilized Philosophy
Complications With The Extensor Mechanism in TKR
Presenter:

MATHYS INTERNATIONAL RM CLUB MEETING

3rd – 5th SEPTEMBER 2015

HOTEL ASTORIA, LUCERNE, SWITZERLAND

Evidence from RCT's (Randomized Controlled Trials)
Why Do Cups Fail?
The Importance of Cup Positioning
Is There Still a Place for Cemented Cups?
Presenter: W Bruce

2nd ICJR AUSTRALIA MEETING

12th – 14th February 2016

NOVATEL HOTEL, MANLY, NSW, AUSTRALIA

What Have I Learned From Metal – on – Metal.
What Computer Navigation & PSI Have Taught Me.
TKA in the Morbidly Obese.
Presenter: W Bruce
Tranexamic Acid and Prostheses Ingrowth
Presenter: Y Levy

MEDIAL PIVOT DINNER MEETING

12th February 2016

THE BOAT HOUSE, SHELLY BEACH, NSW, AUSTRALIA

The Australian Experience with Medial Pivot Knees
Presenter: W Bruce

JSRA

26th – 27th February 2016

JAPAN

OPS Technology & the Trinity Cup
Poster Presentation : OPS
Presenter: W Bruce

AAOS ANNUAL MEETING

1st – 5th MARCH 2016

ORANGE COUNTY CONVENTION CENTRE, ORLANDO, FLORIDA, USA

The Accuracy of Patient Specific Jigs During Total Knee Arthroplasty. Do We Resect What the Jigs Plans for us to Resect?
Presenter: Y Levy

**ARTHROPLAST SOCIETY OF AUSTRALIA
ANNUAL SCIENTIFIC MEETING
4th – 7th MAY 2016**

NOVATEL HOTEL, MANLY, NSW, AUSTRALIA

Systemic Tranexamic Acid Does Not Affect Cortical Implant Osseointegration in a Large Animal Model
Do Surgical Errors Matter for Post-operative Stiffness in Total Arthroplasty
The Accuracy of Patient Specific Jigs During Total Knee Arthroplasty: Do We Resect What the Jigs Plan For Us
To Resect?
Accuracy of Leg Length and Femoral Offset Restoration After Total Hip Arthroplasty
Presenter: W Bruce

**SMITH & NEPHEW ANTHOLOGY LAUNCH – HIP INSIGHTS SYMPOSIUM
9th – 11th JUNE 2016**

SEOUL, KOREA

Hip Reconstruction Insight- Surgical Technique Factors & Verilast Bearing Surface for Clinical Success Using
the Anthology Stem.
Presenter: W Bruce

**ORTHOPAEDICS – WHAT'S NEW IN 2017 PHYSIOTHERAPY EDUCATION DAY
11th FEBRUARY 2017**

NOVATEL HOTEL, SYDNEY OLYMPIC PARK, NSW, AUSTRALIA

Advances in Hip Implantation & Patient Satisfaction
Presenter: W Bruce

**HURSTVILLE PRIVATE HOSPITAL GP EDUCATION EVENING
10th MAY 2017**

WOOLOOWARE GOLF CLUB, WOOLOOWARE, NSW, AUSTRALIA

Advances in Hip Implantation & Patient Satisfaction
Presenter: W Bruce

**APAC MEETING
26th AUGUST 2017**

GRAND COLOANE HOTEL, COLOANE, MACAU, CHINA

The Medial Pivot Design Concept
Clinical Overview Validating the MP Concept
Presenter: W Bruce

**SURGICAL SPECIALTIES INTEREST MEETING AT THE AOA
10th OCTOBER 2017**

IINTERCONTINENTAL HOTEL, ADELAIDE, SA, AUSTRALIA

Preventing Orthopaedic Infections
Current Multi-Disciplinary Perspectives
Presenter: W Bruce

**WARATAH PRIVATE HOSPITAL GP EDUCATION EVENING
28th NOVEMBER 2017**

WARATAH PRIVATE HOSPITAL, HURSTVILLE, NSW, AUSTRALIA

Current Clinical Applications of Robotic Surgery
Presenter: W Bruce

**MICROPORT INSTRUCTIONAL TOUR
25th – 31st MARCH 2018**

**GUANGDONG PROVINCE/GUIZHOU PROVINCE/SHANDONG PROVINCE/LIAONING
PROVINCE/SHANGHAI/ZHEJIANG PROVINCE**

Principals of Medial Pivot Total Knee Replacement.
Live Surgery Demonstration
Presenter: W Bruce

ORTHOPAEDIC INFECTION PREVENTION SUMMIT

13th – 14th APRIL 2018

SOFITEL HOTEL, MELBOURNE, VIC, AUSTRALIA

Conference Organizer

Intraoperative Strategies to Prevent Infection – The Surgeon's Perspective.

Debate: "Which will have the greatest impact on reducing infection – changing human behavior or incorporating new technology?"

Arguing for Human Behavior

Presenter: W Bruce

2ND WORLD ARTHROPLASTY CONGRESS

19th – 21st APRIL 2018

ERGIFE PALACE HOTEL, ROME, ITALY

What Have I Learned From Computer Navigation in TKR and the Australian Experience

Dynamic Pelvic Rotation in THR

Presenter: W Bruce

19th EFFORT CONGRESS

30th MAY – 1st JUNE 2018

BARCELONA, SPAIN

Do Surgical Errors Matter for Post Operative Stiffness in Total Arthroplasty? A Matched Case-Control Study of Intraoperative Data n 109 Stiff Posterior Stabilised Total Knee Arthroplasties.

Presenter: F Groen

FULL FUNCTION FASTER CONFERENCE

17th – 19th JUNE 2018

RIVERBANK HOTEL, LONDON, ENGLAND

The 3 Patient Factors in Enhanced Recovery

Does Assisted Technology Add Value?

Presenter: W Bruce

BIT'S 5TH ANNUAL WORLD CONGRESS OF ORTHOPAEDICS

BREAKING THE BARRIERS IN ORTHOPAEDIC RESEARCH

25th – 27th JULY 2018

DOUBLE TREE HOTEL BY HILTON, MILAN, ITALY

Dynamic Pelvic Rotation and Total Hip Replacement

Presenter: W Bruce

NSW OTA NURSES CONFERENCE

15th SEPTEMBER 2018

ROOTY HILL RSL, ROOTY HILL, NSW, AUSTRALIA

Intraoperative Strategies to Prevent Infection – The Surgeon's Perspective.

Presenter: W. Bruce

REHACARE PHYSIOTHERAPY WORKSHOP

9th APRIL 2019

NOVATEL HOTEL, SYDNEY OLYMPIC PARK, NSW, AUSTRALIA

Advances in Hip and Knee Surgery

Fracture Healing with Ultrasound

Vibration and Osteoporosis

Presenter: W. Bruce

SMITH & NEPHEW REVISION TECHNOLOGY FORUM

3rd – 4th MAY 2019

ICC, DARLING HARBOUR, NSW, AUSTRALIA

Why are TKA Failing: Strategies to Reduce the Revision Burden

Presenter: W. Bruce

SMITH & NEPHEW NAVIO ACCREDITATION COURSE

17th – 18th MAY 2019

AUSTRALIAN SCHOOL OF ADVANCED MEDICINE, MACQUARIE UNIVERSITY, NSW, AUSTRALIA

Introduction to NAVIO Surgical System

Unicompatmental Procedure

Total Knee Arthroplasty Procedure

Case Reviews

Presenter: W. Bruce

NSW OTA NURSES CONFERENCE

18th MAY 2019

CROWN PLAZA HOTEL, TERRIGAL, NSW, AUSTRALIA

Intraoperative Strategies to Prevent Infection – The Surgeon's Perspective.

Presenter: W. Bruce

MICROPORT INSTRUCTIONAL TOUR

30th APRIL – 7th MAY 2019

GUIYANG PROVINCE/KIANJING PROVINCE/BENGBU PROVINCE/SICHUAN PROVINCE/SUZHOU PROVINCE

Medial Pivot Biomechanical Fundamentals.

Surgical Skills & Tips in Varus & Valgus Knees.

Live Surgery Demonstration

Presenter: W Bruce

GP CPD EVENING

18th SEPTEMBER 2019

THE SYDNEY PRIVATE HOSPITAL, ASHFIELD, NSW, AUSTRALIA

Advances in Hip and Knee Surgery

Presenter: W Bruce

REHACARE PHYSIOTHERAPY WORKSHOP

25th SEPTEMBER 2019

WESTS LEAGUES, ASHFIELD, NSW, AUSTRALIA

Advances in Hip and Knee Surgery

Fracture Healing with Ultrasound

Vibration and Osteoporosis

Presenter: W. Bruce

3rd WORLD ARTHROPLASTY CONGRESS

22nd – 24th APRIL 2021

VIRTUAL MEETING

Methods to Measure Functional Leg Length and Offset

Presenter: W. Bruce

Moderator for Session 4: THA: Preventing Complications

ARTHROPLASTY SOCIETY OF AUSTRALIA ANNUAL SCIENTIFIC MEETING

19th – 22nd MAY 2021

CROWNE PLAZA ADELAIDE, AUSTRALIA

The Effect of Varus Stem Placement on Global Joint Offset During Hip Arthroplasty: A Virtual Study

Presenter: W. Bruce

Dual Mobility Articulations in Patients With Unfavorable Spinopelvic Characteristics

Presenter: A. Shimmin

2021 AOA-COE MEETING

PRECISION HIP & KNEE REPLACEMENT – EVALUATION, PLANNING & DELIVERY MEETING

17th – 18th June 2021

SOFITEL, DARLING HARBOUR, SYDNEY, AUSTRALIA

Planning to Prevent Impingement in THR

Presenter: W. Bruce

**SURGICAL SPECIALITIES EDUCATION UPDATE
ACHIEVING SHORT STAY ARTHROPLASTY TOGETHER**

4th August 2021

Meeting Via ZOOM

Meeting Chairman: W. Bruce

My Experience with Short Stay Arthroplasty

Presenter: W. Bruce

The use of CarboJet in TKA

Presenter: W. Bruce

**DE LASALLE UNIVERSITY MEDICAL CENTRE DEPARTMENT OF ORTHOPAEDICS MALAYSIA
SPINE-PELVIS-HIP RELATIONSHIP: KEEPING IT SIMPLE IN THR**

24th September 2021

Meeting via ZOOM

Planning to Prevent Impingement in THR

Presenter: W. Bruce

Poster Exhibits

AUSTRALIAN ORTHOPAEDIC ASSOCIATION GENERAL SCIENTIFIC MEETING

1987 – MELBOURNE

Unusual Hip Surgery

Revision Hip Surgery

S-Rom Hip Replacement System

ANNUAL SCIENTIFIC CONFERENCE AUSTRALIAN ORTHOPAEDIC ASSOCIATION PERTH, AUSTRALIA – OCTOBER 1996

Post Mortem Strain Analysis

Of Two Functioning Hip Replacements

ANNUAL SCIENTIFIC CONFERENCE AUSTRALIAN ORTHOPAEDIC ASSOCIATION CANBERRA, AUSTRALIA – OCTOBER 1997

Intraoperative Measurement of Tibiofemoral Contact Stresses During Total Knee Replacement
Static Mechanical Properties of PMMA Bone Cements Using an Open Bowl Hand Mixing Technique

COMBINED MEETING ORTHOPAEDIC ASSOCIATIONS OF THE ENGLISH SPEAKING WORLD

Short term clinical and radiograph follow-up of an Australian made cementless femoral hip component

NATIONAL SALES MEETING JOINT MEDICAL PRODUCTS CORPORATION OF USA ATLANTA, GEORGIA – 1998

Unusual Hip Surgery

Revision Hip Surgery

S-Rom Hip Replacement System

ANNUAL SCIENTIFIC MEETING AUSTRALIAN ORTHOPAEDIC ASSOCIATION OCTOBER 1998 – CAIRNS

Wear Assessment in Total Hip Replacements.

Mechanical Evaluation of Polymeric Tapes and Braids for use in Orthopaedics.

ANNUAL SCIENTIFIC MEETING AUSTRALIAN ORTHOPAEDIC ASSOCIATION OCTOBER 1999 – BRISBANE

Patterns of Injury in Amateur Weight Lifters

Tibio-Femoral Contact Area, Mean & Peak Pressures for 19 Total Knee Prostheses
(Winner of Best Poster Award)

ORTHOPAEDIC RESEARCH SOCIETY 46TH ANNUAL MEETING ORLANDO FLORIDIA USA MARCH 12-15 2000

Effect of Hydroxyapatite Coating Thickness on Implant Fixation:
Mechanical Testing and Quantitative Morphology in a Cortical Ovine Model
Svehla M, Morberg P, Bruce W, Zicat B, Walsh WR

BRITISH ORTHOPAEDIC RESEARCH SOCIETY LONDON UK 2-3 OCTOBER 2000

Contact Areas and Stresses in Mobile Bearing Knees
Chapman-Sheath P, Bruce W, Chung W, Walsh WR

**ORTHOPAEDIC RESEARCH SOCIETY
47TH ANNUAL MEETING
SAN FRANCISCO CALIFORNIA USA
February 25-28 2001**

Strain Distribution and Bone Mineral Density in Cementless Total Hip Arthroplasty
Gillies M, Butler A, Morberg P, Bruce W, Pocock N, Neil M, Walsh WR
Bone Ingrowth and Resorption in a Calcium Sulfate/Resorbable Porous Ceramic Composite
Walsh W, Chapman-Sheath P, Russell J, Cain S, Debes J, Bruce W, Walsh WR
Does Substrate Material Affect Fixation of HA Coated Porous Structures?
Svehla M, Chapman-Sheath P, Morberg P, Bruce W, Sonnabend DH, Walsh WR
In Vivo Mechanism for Calcium Sulfate Bone Graft Substitute
Walsh WR, Bruce W, Chapman-Sheath P, Ball C, Yu Y, Haggard W, Speer D, Svehla M
Retrieval Analysis of Mobile Bearing Knees
P.J.Chapman-Sheath, S.Cain, M.Svehla, W.Bruce, W.R Walsh
British Orthopaedic Research Society Meeting, Southampton : Sept 2001
Effect of an Hydroxyapatite Layer Thickness on Bone Ingrowth in Resorbable Porous Ceramics
P Chapman-Sheath, J Russell, S Cain, J Debes, M Svehla, W Bruce, WR Walsh

**ORTHOPAEDIC RESEARCH SOCIETY
48TH ANNUAL MEETING
DALLAS TEXAS USA
10-13 FEBRUARY 2002**

BMP and SMAD Expression in Tendon Bone Healing
J Bliss, Y Yu, M Svehla, W Bruce, WR Walsh
Early Effects of Autologous Platelets at the Tendon Bone Interface
J Bliss, M Svehla, Y Yu, W Bruce, C Waller, D Arm, C Ball, K Gifford, WR Walsh

**AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS
69TH ANNUAL MEETING
13-17 FEBRUARY 2002
DALLAS TEXAS USA**

p180, IL-1B,IL-1Ra,MMP-1 and TIMP-2 mRNA and Proteins in Rheumatoid Arthritis (RA),
Osteoarthritis (OA) and Total Joint Arthroplasty (TJA)

**ISAKOS CONGRESS
10-14 MARCH 2002**

AUCKLAND NEW ZEALAND

A Biodelivery Interference Screw and Growth Factors for Augmentation of Tendon Bone Healing
R. Evans, P Hughes, J Iliopoulos, Yyu, Waller, W Bruce, WR Walsh,
Biomechanical Testing of Meniscal Devices
R Evans, C Waller, W Bruce, R Harris, A Butler, W Walsh.
Mechanical Properties of Suture Eyelet – Suture Interactions
A Perry, A Butler, D Acton, R Evans, P Hughes, J Goldberg, W Bruce, D Sonnabend, RM Gillies, W Walsh

**ORS 49TH ANNUAL MEETING
2-5 FEBRUARY 2003
NEW ORLEANS LA USA**

Influence of Boundary Conditions on the Torsional Properties of Long Bones
RM Gillies, T Miwa, R Evans, D Acton, A Perry, W Bruce, WR Walsh

**ORS 54th ANNUAL MEETING
MARCH 2008
SAN FRANCISCO, CA, USA**

Effect of Age Bone Graft Integration and Resorption in a Rabbit Tibial Defect Model
S Lajevardi, R Oliver, Y Yu, C Jones, D Bell, W Bruce, J Debes, WR Walsh
Tibiofemoral Contact Areas and Pressures in Six High Flexion Knees
K Shiramizu, F Vizesi, W Bruce, S Herrmann, WR Walsh.

AOA ANNUAL SCIENTIFIC MEETING

12 – 16th OCTOBER 2008

AUSTRALIA

The Effect of Press Fit Implantation on Bony On-Growth for Different Surface Substrates
D Chen, M Waites, J Bellemore, N Bertollo, N Russell, W Bruce, WR Walsh

ORS

22 FEBRUARY 2009

LAS VEGAS NV USA

Supercritical Carbon Dioxide Not Alters the Mechanical Properties of Cortical Bone
W R Walsh, N Russell, R Mammucari, N Foster, L Biant, W, Bruce

ORS

6 – 9 MARCH 2010

NEW ORLEANS USA

Microtomographic Assessment of Bone Cement
R daAssuncao, M Pelletier, A Lau, R marsh, W Bruce, WR Walsh

In Vivo Response of Allograft Bone Sterilized with Supercritical CO2 in an Ovine Cancellous Model
A Berger, N Bertollo, M pelletier, D Chen, A Rives, W Bruce, WR Walsh

ICJR WORLD ARTHROPLASTY CONGRESS

16 – 18 MARCH 2015

PARIS FRANCE

Thrombosis Prevention Using Asprin & Compression Device as Prophylaxis in Hip & Knee Arrthroplasty.
Warwick Bruce

JSRA

26 – 27 MARCH 2016

JAPAN

OPS

Warwick Bruce

AOA ANNUAL MEETING

1 – 5 MARCH 2016

ORLANDO FLORIDA USA

Systemic Tranexamic Acid Does Not Affect Cortical Implant Osseointegration in a Large Animal Model
Y Levy, W Bruce

AAHKS ANNUAL MEETING

11 – 14 NOVEMBER 2021

DALLAS TEXAS USA

Dual Mobility Articulations in Patients with Unfavorable Spinopelvic Characteristics: 2 Year Results
Rohit Dhawan, Andrew J Shimmin, Chameka S Madurawe, Jim W Pierrepont, Andrew Ellis, Michael O'Sullivan,
Warwick Bruce, Jim Sullivan, Michael Solomon, Jonathan V Baré

Scientific Exhibits

**AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS
56TH ANNUAL MEETING
LAS VEGAS, NEVADA – 1989**

Difficult Hip Replacement Surgery:
Problems and Solutions

**AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS
61ST ANNUAL MEETING 1994**

A New Approach to Bearing Surfaces
for Total Hip Arthroplasty

**AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS
DALLAS TEXAS USA
2002**

Analysis of Tibial Base Fixation in Unicompartamental Knee Design

Publications : Books

INTERNAL FIXATION IN OSTEOPOROTIC BONE

Elsevier Press Editor Dr Yuehuei H An

Thieme Medical Publishers:22-40

Chapter 3 "Biology and Biomechanics of Fracture Healing in the Animal Model"
Walsh W R, Yu Jia Ling Yang, Hocking R, Chapman-Sheath P, Bruce W.

HANDBOOK OF HISTOLOGY METHODS FOR BONE AND CARTILAGE

Editor H An and K Martin

Teaneck, Humana Press:23-40 (2003)

Chapter "Cell Structure and Biology of Bone and Cartilage"
Walsh W R, Walton, M, Bruce W, Yu, Y, Gillies R M, Svehla M

NUCLEAR MEDICINE IN CLINICAL DIAGNOSIS AND TREATMENT

Editor: P Ell and S Gamchir 3rd Churchill Livingstone, Edinburgh 2003

Nuclear Medicine in Disorders of Bones and Joints

Chapter 45 Assessment of Infection

H Van Der Wall, W Bruce, P Monaghan

REPAIR AND REGENERATION OF LIGAMENTS, TENDON AND CAPSULE

Humana Press 2002 WR Walsh Editor

Chapter "Tendon-Bone Healing"

WR Walsh, WJM Bruce, S Nicklin, J Bliss Y Yu M Gillies

CONNECTIVE TISSUE REPAIR AND REGENERATION

W R Walsh, Editor. Humana Press (in press) 2004

Connective Tissue Repair and Regeneration

Hartright, D., A.M. Butler, G.R.M., W Bruce, WR Walsh

MASTERING ORTHOPAEDIC TECHNIQUES, TOTAL HIP ARTHROPLASTY

Jaypee Brothers Medical Publisher 2011 R.Malhotra Editor

Chapter "Total Hip Replacement in Developmental Dysplasia of the Hip."

WJM Bruce

THE HIP PRESERVATION REPLACEMENT AND REVISION VOLUME 1

Data Trace Publishing 2015 James Casman, Nitin Goyal, Javid Parvizi Editors

Chapter Metallic Alloys in Total Hip Arthroplasty

T McTighe, D Brazil, W Bruce

ACADEMIA.EDU 2021

Chapter 14

Metallic Alloys in Total Hip Arthroplasty

Timothy McTighe, Declan Brazil, Warwick Bruce

Publications

**(1) HUCKSTEP NAIL ATRHRODESIS OF THE KNEE;
A SALVAGE FOR TOTAL KNEE REPLACEMENT**

Aust NZ J of Surgery 1989
Volume 59, Page 147-150

Authors: J.A. Goldberg, R. P. Drummond, W.J.M Bruce, W. Viglone, W. P. Lennon.

**(2) ACETABULAR RECONSTRUCTION WITH A BIPOLAR PROSTHESIS
AND MORSELISED BONE GRAFTS**

J.B.J.S.(AM), 1990
Volume 72-A, Page 1230

Authors: W.W. Brien, W.J.M. Bruce, E.A. Salvati, P.D. Wilson, P.M. Pellicci.

(3) TREATMENT OF NEUROPATHIC KNEE BY ARTHROPLASTY

Aust NZ J of Surgery 1995
Volume 65:5, Page 370-371

Authors: A. Chong, W.J.M. Bruce, J.A. Goldberg.

**(4) TC-99M STANNOUS COLLOID-LABELLED LEUKOCYTE
SCINTIGRAPHY IN THE EVALUATION OF THE PAINFUL ARTHROPLASTY**

Clinical Nuclear Medicine
Vol 21, NO 11 Page 838 – 843

Authors: K.K. Chik, M.A. Magee, W.J.M. Bruce, R.J. Higgs, M.G. Thomas, K.C. Allman,
H. Van der Wall

**(5) TYPE II FRACTURES OF THE DISTAL CLAVICLE:
A NEW SURGICAL TECHNIQUE**

Journal of Shoulder and Elbow Surgery
Volume 6, NO.4, Page 380

Authors: J.A. Goldberg, W.J.M. Bruce, D.H. Sonnabend, and W.R. Walsh.

**(6) TECHNETIUM LABELLED LEUKOCYTE SCINTIGRAPHY AND BONE SCAN
IN A CASE OF PELVIC OSTEOMYELITIS**

Clinical Nuclear Medicine 1998;23(10):717-719

Authors: G.R. Storey, W.J.M. Bruce, M. Kinchington, J.S. Magnussen, K.C. Allman,
H.Van der Wall.

**(7) CYTOKINES AND MATRIX METALLOPROTEINASES mRNA EXPRESSION IN
ARCHIVAL HUMAN TISSUES FROM FAILED TOTAL HIP ARTHROPLASTY USING
IN SITU HYBRIDISATION AND COLOUR VIDEO IMAGE ANALYSIS**

Bulletin Hospital Joint Disease
Volume 57, NO. 1:23-9 1998

Authors: Y.Yu, W.R. Walsh, D.H. Sonnabend, J.L. Yang, F. Bonar, B. Markovic,
W.J.M Bruce, L. Kohan, M. Neil.

**(8) INTRAOPERATIVE ASSESSMENT OF TIBIOFEMORAL CONTACT STRESSES
IN TOTAL KNEE REPLACEMENT**

The Journal of Arthroplasty Vol 13, No 8, Dec 1998
Authors: A.L. Wallace, M.L. Harris, W.R. Walsh, W.J.M. Bruce.

(9) WEAR DEBRIS IN TOTAL HIP AND KNEE ARTHROPLASTY

APLAR Journal of Rheumatology Vol 2, No 3, January 1999
Authors: W.J.M. Bruce, J.A. Goldberg, and W.R. Walsh.

(10) SCINTIGRAPHY OF SEVERE TIBIALIS POSTERIOR TENOSYNOVITIS.

Clinical Nuclear Medicine 1999;24:694-695
Authors: S. Kannagara, W.J.M.Bruce, S.R. Hutabarat, M. Magee, H. Van der Wall.

(11) AN IMPROVED METHOD FOR MEASURING TIBIOFEMORAL CONTACT AREAS IN TOTAL KNEE ARTHROPLASTIES: A COMPARISON OF K – SCAN AND FUJI FILM.

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**ADVANCE UNICOMPARTMENTAL KNEE SYSTEM
WRIGHT MEDICAL TECHNOLOGY
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MECHANICAL PROPERTIES OF BONE CEMENT IN A CEMENT CARTRIDGE

J.B.B.S., 1997

Volume 79B: Supp 4, Page 385

POST OPERATIVE PERIPROSTHETIC FEMORAL FRACTURE CLASSIFICATION TREATMENT AND FOLLOW UP

J.B.B.S., 1998

Volume 80B: Supp 2, Page 133

**STRAIN DISTRIBUTION FOLLOWING TOTAL HIP THA USING
HYDROXY APETITE COMPOSITE RESIN BONE CEMENT**

J.B.B.S., 1998

Volume 80B: Supp 2, Page 142

**CYTOKINES AND MATRIX METALLOPROTEINASES mRNA
EXPRESSION IN HUMAN HIP CAPSULES FROM PATIENTS WITH
RHEUMATOID ARTHRITIS AND OSTEOARTHRITIS
AT PRIMARY AND REVISION SURGERY**

J.B.B.S., 1998

Volume 80B: Supp 2, Page 143

**PRIMARY TOTAL HIP ARTHROPLASTY FOR ACUTE CENTRAL FRACTURE
DISLOCATION OF THE ACETABULUM**

J.B.B.S., 1998

Volume 80B: Supp 2, Page 153

**THE RESPONSE OF A CALCIUM SULPHATE BONE GRAFT SUBSTITUTE
IN A CONFINED CANCELLOUS DEFECT**

JBJS Vol 83 2001

Orthopaedic Proceedings – Supplement III

C. Ball, W.J.M. Bruce, P. Chapman-Sheath, W. Haggard, M. Svehla, J. Russell,
W.R. Walsh.

STRAIN DISTRIBUTION AND BONE MINERAL DENSITY RELATIONSHIPS

JBJS Vol 83 2001

Orthopaedic Proceedings – Supplement III

A. Butler, W.J.M. Bruce, M. Gillies, P. Morberg, M. Neil, N. Pocock, A. Turnbull, W. Walsh.

STABILITY OF A CEMENTLESS FEMORAL HIP PROSTHESIS

JBJS Vol 83 2001

Orthopaedic Proceedings – Supplement III

W.J.M. Bruce, M. Gillies, P. Morberg, A. Turnbull, W. Walsh

TAPER SURFACE PROFILES IN RETRIEVED FEMORAL COMPONENTS

JBJS Vol 83 2001

Orthopaedic Proceedings – Supplement III

W.J.M. Bruce, S. Cain, P. Chapman-Sheath, M. Svehla, J. Russell, W. Walsh, B. Sicar

MICROSTRUCTURAL ROUGHNESS AND THE CEMENT IMPLANT INTERFACE

JBJS Vol 83, 2001

Orthopaedic Proceedings – Supplement III

W.J.M. Bruce, P. Chapman-Sheath, J. Russell, M. Gillies, M. Svehla, B. Walsh.

CONTACT AREAS AND STRESSES IN MOBILE BEARING KNEES

JBJS Vol 83, 2001

Orthopaedic Proceedings – Supplement III

W Bruce, P Chapman-Sheath, W K Chung, WR Walsh.

THE IMPORTANCE OF THE DISTAL INTERFACE IN MOBILE BEARING KNEES – SURFACE ROUGHNESS

JBJS Vol 83, 2001

Orthopaedic Proceedings – Supplement III

W.J.M. Bruce, S. Cain, P. Chapman-Sheath, W.K. Chung, W. Walsh.

RETRIEVAL ANALYSIS OF MOBILE BEARING KNEES

JBJS Vol 85B 2003

Orthopaedic Proceedings

P. Chapman-Sheath, A. Butler, M. Svehla, M. Gillies, W. Bruce, W. Walsh

Published Letters

COMPUTER ASSISTED KNEE ARTHROPLASTY VERSUS A CONVENTIONAL JIG BASED TECHNIQUE

Accepted JBJS

A. Langdown, J. Auld, W.J.M. Bruce .

Memberships

Fellow of the Royal Australasian College of Surgeons.

Fellow of the Australian Orthopaedic Association.

Member of the Australian Society of Orthopaedic Surgeons.

Member of the Australian Knee Society.

Foundation Member of the Arthroplasty Society of Australia.

Life Member of the Western Pacific Orthopaedic Association.

Member of the Hip Section Western Pacific Orthopaedic Association.

Member Steering Committee New South Wales Institute of Sports Medicine.

Foundation Orthopaedic Surgeon New South Wales Institute of Sports Medicine.

Foundation Member ICJR

Member of SICOT

The Australian Osteoporosis Campaign Scientific Committee member

American Association of Orthopaedic Surgeons

Foundation Member Australian Academy of Medicine and Surgery 1997

Arthroplasty Society in Asia – Education Committee Chairman

Medibank Private Health Advisory Panel

Joint Implant Surgery & Research Foundation – Clinical/Surgical Research Advisor

Editorial Board

Member of Editorial Board Musculoskeletal Update
(Scientific Publication of Roussel Uclaf)

Frontiers in Surgery
Associate Editor for Orthopaedic Surgery

Prosthesis Design & Development

Member Design Team for
Stability Total Hip Replacement
(DePuy)
(This is the first Hip Replacement ever to be manufactured in Australia)

Member Design Team
Low wear knee
(Wright Medical Technology)

Member Design Team
Unicompartmental Knee Replacement
(Wright Medical Technology)

Member Design Team
Hard on Hard Hip Arthroplasty Technology
(Johnson & Johnson)

Member of the Multicentre Design Team
Patellar Button
Profix Total Knee Replacement
(Smith & Nephew)

Member of the Multicentre Design Team
Designer Uncemented HA Coated Femoral Stem
(Smith & Nephew)

Member of the Multicentre Trial Team
New Uncemented Total Knee Replacement (Journey)
(Smith & Nephew)

Supervisor Medical Students, Honour Students, PHD Students

Greg Wernecke – UsydMP Honours Project
University of Sydney Medical Students Honours Program

Greg Wernecke – Effects of Supercritical Fluids on Bone. Mechanical Properties and Microbiology of Bone
Allograft subjected to Supercritical Fluids

2009 - University of Sydney Faculty of Medicine

- Nicholas Cardillo 3rd year Medical Student Honours Project – A blinded prospective randomized controlled trial comparing tenotomy vs tenodesis of the long head biceps tendon in patients having rotator cuff repair
- David Samra 3rd year Medical Student Honours Project – Differences in patient satisfaction with preoperative education in hip and knee surgery between public and private hospital settings
- Nicholas Bohren 3rd year Medical Student Honours Project – Implementing a comprehensive prospective morbidity and mortality database for the orthopaedic surgery department at Concord Repatriation General Hospital

Appointments

Elected Member of the State Council of the Australian Medical Association
1987 – 1989

Member of the Ethics Committee of the Australian Medical Association (State Branch).
- 1989

Member of the Hospitals Committee of the Australian Medical Association (State Branch).
– 1989

Chairman of the Department of Orthopaedics Concord Repatriation General Hospital.
December 1997.

Secretary Southside Board of Studies Australian Orthopaedic Association
1997 to 2000

Consultant Orthopaedic Surgeon Orthopaedic Research Laboratory The Prince of Wales Hospital
1995

Repatriation General Hospital Concord Hospital Representative Institute of Bone and Joint
1999

Director of Olympic Orthopaedic Unit, Concord Repatriation General Hospital Concord
October 2000 Olympic Games, Sydney.

Consultant Orthopaedic Surgeon Southern Hemisphere Under 21 Rugby Union Tournament
June 2001

Medical and Scientific Advisory Committee Osteoporosis Australia

State Representative, Australian Orthopaedic Association Subcommittee on Bone Banking Standards
1994-1998

Member of Curriculum Development – Medical Students – University of Sydney
2007

Chairman Arthroplasty Society
2009 – 2011

Australian Orthopaedic Association – NSW Representative – Australian Joint Registry
Current

Health Advisory Panel
Medibank Private
Current

Chairman Asia Pacific Hip Arthroplasty Advisory Board
Smith & Nephew Surgical
Current

Member Asia Pacific Knee Advisory Board
Smith & Nephew Surgical
Current

Membership to the Advisory Committee on Medical Devices – Orthopaedic Expert Working Group (OEWG)
Current.

Board Member Arthroplasty Society in Asia – Education Committee Chairman
Current

Chairman for Education Asia Pacific ICJR International Committee
Current

Awards

Scholarship to St Joseph's College for high school education

Commonwealth Scholarship to attend The University of Sydney

Howmedica Award for the best paper presented by a Registrar at the Australian Orthopaedic Registrar's Meeting, Adelaide, 1985.

Zimmer Traveling Fellowship Award, 1988 - 89.

The Zimmer Prize Awarded for Best Poster at the Australian Orthopaedic Association Annual Scientific Conference, Brisbane October 1999
Tibiofemoral Contact Area
Mean and Peak Pressures for 19 Total Knee Prostheses

Excellence in Teaching Award
Central Clinical School for Teaching in 2001

Certificate of Recognition
Concord Repatriation General Hospital
1 January 2001 to 31 December 2001
Director of Clinical Training and Medical Administration

Certificate of Recognition
University of Sydney Central Clinical School
Concord Hospital
Clinical Teaching 2003

Clinical Professor
University of Sydney Concord Clinical School
2007

Commitment to Teaching Award
University of Sydney Concord Clinical School
2007

William Little Medal
Paper on Supercritical Sterilisation of Bone
Awarded to Leela Biant, Fellow 2007

Awards to Fellows and Registrars

Tow Prize: Clinical Division University of New South Wales – Surface Roughness of the Distal Interface of Mobile Bearing Knees. Awarded to P. Chapman-Sheath for Research done with Dr W. Bruce November 1999.

Joseph Trueta Prize 1999. Girdlestone Society – Nuffield Department of Orthopaedic Surgery. Awarded to P. Chapman-Sheath for research done with Dr Warwick Bruce in Nov 1999 to help fund travel to meetings abroad to present research during fellowship year.

Runner-Up, Howmedica Award for the Best Paper Presented by a Registrar at the Australian Orthopaedic Registrars Meeting 2000 - Pulmonary Emboli Following Total Hip Arthroplasty
Senio Author WJM Bruce
Presented by S Tan

Video Presentations

Biomechanics of the knee.
Sports Medicine medical education video.
University of New South Wales 1996.

Trochanteric Slide – DePuy Australia

Hip Arthroscopy Technique 1999

Anterior Cruciate Reconstruction Using Semitendinosus and Gracilis 4 Band Technique 2001

Minimal Access Hip Replacement Surgery
De Puy Australia 2005

Course Organisation

Continuing Education Committee of the Australian Orthopaedic Association -
New Horizons in Hip Surgery, Canberra, 1985. Member of State Organising Committee

Organiser and Chief Lecturer A.O. Workshop course for Theatre Sisters, 1987, Sydney.

Co-lecturer A.O. Workshop course for Theatre Sisters, 1988, Sydney.

Continuing Education Committee Australian Orthopaedic Association -
Update on Joint Replacement, November, 1990. Member of State Organising Committee.

Stability Total Hip Replacement Workshop – Live Surgery and Clinical Presentation
March 1995 - Hurstville Community Hospital

Stability Total Hip Replacement Workshop – Live Surgery and Clinical Presentation
July 1996 - St Vincent's Hospital

Progressive Concepts in total Knee Surgery Presented By Dr Leo Whiteside. March 2002

Minimal Access for Hip Replacement. Learning Centre and Workshop - 22 August 2003
Hurstville Private Hospital and University of NSW

Advance Total Knee Replacement Workshop – Live Surgery and Clinical Presentation – May 2002
Hurstville Community Hospital

Advance Total Knee Replacement Workshop – Live Surgery and Clinical Presentation – August 2003
Hurstville Community Hospital

Ligament Balance Course in Total Knee Replacement Surgery - June 2004 – University of NSW

Intelligent Hip Learning Centre – Live Surgery Presentation and Lecture Program - 28-29 April 2005
Hurstville Community Hospital

Convenor - Australian Orthopaedic Association – The Sydney Continuing Orthopaedic Education Meeting for
2006 entitled “Knee and Shoulder” – 5-7 April 2006 – Sydney Hilton Hotel

Concepts in Sports Injury, Arthroplasty and Trauma – 6-12 August 2006 Fiji
Convener
Chairman Sports Injury Section
Chairman Hip Section

Concepts in Sports Injury, Arthroplasty and Trauma – 24-30 June 2007 Fiji
Convener
Chairman Hip Section
Chairman Sports Injury Section

Inaugural ICJR Australia Meeting - 11 – 13 February 2014 Sydney Hilton Hotel
Convener
Chairman of Hip & Knee Section

2nd Biannual ICJR Australia Meeting – 12 -14 February 2016 Manly Novotel
Convener
Chairman of Hip & Knee Section

Post Graduate Teaching Appointments

Chairman post graduate training program Orthosports 1989 – 1999

Medical Student training coordinator for Orthopaedics 1995 – 1999

Registrar training coordinator for Orthopaedics 1995 - 1999

Special Interest

Joint Replacement Surgery of the Hip and Knee. Sporting Injuries of the hip and knee and their treatment.

Synthetic Bone Graft and their Mechanism of Action.

Bone Bank

Founder and past Director of Auburn District Hospital Bone Bank

Abridged version of Curriculum Vitae

Prof Warwick Bruce

- PROF WARWICK BRUCE UNDERTOOK HIS ORTHOPAEDIC TRAINING IN THE SYDNEY TRAINING SCHEME.
- HE COMPLETED TWO POST GRADUATE FELLOWSHIPS IN SYDNEY AND THEN ONE POST GRADUATE FELLOWSHIP IN NEW YORK.
- HE HAS PREVIOUSLY BEEN CHAIRMAN OF THE DEPARTMENT OF ORTHOPAEDICS AT CONCORD HOSPITAL.
- HE IS A MEMBER OF THE AUSTRALIAN KNEE SOCIETY AND A FOUNDATION MEMBER OF THE ARTHROPLASTY SOCIETY OF AUSTRALIA. HE IS A PAST PRESIDENT OF THE ARTHROPLASTY SOCIETY OF AUSTRALIA
- HE IS ON THE BOARD OF THE NATIONAL JOINT REGISTRY.
- HE WAS ALSO CO-FOUNDER OF THE NSW INSTITUTE OF SPORTS MEDICINE AT CONCORD HOSPITAL.
- HE WAS A MEMBER OF THE DESIGN TEAM OF THE FIRST TOTAL HIP REPLACEMENT EVER MADE IN AUSTRALIA AND HAS SINCE BEEN ON DESIGN TEAMS FOR TOTAL KNEE REPLACEMENT, UNICOMPARTMENTAL KNEE REPLACEMENTS AND PATELLAR REPLACEMENTS.
- HE IS A CONSULTANT ORTHOPAEDIC SURGEON AT THE ORTHOPAEDIC RESEARCH LABORATORY AT THE PRINCE OF WALES HOSPITAL.
- HE HAS HAD OVER 80 PUBLICATIONS IN PEER REVIEW JOURNALS AND HAS WRITTEN 7 BOOK CHAPTERS.
- HE RECEIVED A CLINICAL PROFESSORIAL APPOINTMENT IN 2008 THROUGH THE UNIVERSITY OF SYDNEY
 - HIS INTERESTS ARE ALL TYPES OF HIP AND KNEE SURGERY INCLUDING ARTHROSCOPIC SURGERY OF THE HIP AND KNEE, RECONSTRUCTIVE SURGERY AND REVISION SURGERY.