

SIVA SHANKAR CHANDRASEKARAN
ORTHOPAEDIC SURGEON
BScMed(Hons), MBBS(Hons), MSpMed, MPhil(Surg), FRACS



PROFESSIONAL EXPERIENCE

Werribee Mercy Hospital	2014-present
• Consultant orthopaedic surgeon	
The Alfred Hospital Melbourne	2014-present
• Consultant orthopaedic Surgeon	
University of New South Wales	2006-present
• Conjoint Lecturer	
Red Devils National Football League Team Chicago	2014-present
• Assistant Team Physician	
Chicago Sky, Women National Basketball Association	2014-present
• Assistant Team Physician	
Warringa Rats Ruby Team, NSW	2007-2008
• Team Physician	

HIP FELLOWSHIP TRAINING

European Federation of Orthopaedics and Traumatology Fellowship	Aug 2015 - Sept 2015
• Prof Peter Koch and Prof Fabian Kalberer, Winterthur, SWITZERLAND	
• Hip and Knee Arthroplasty and Preservation Fellowship	
American Hip Institute, Chicago	Aug 2014 - Aug 2015
• Hip Preservation Fellowship	
• Hip arthroscopy, Periacetabular osteotomy, Surgical hip Dislocation, Anterior robotic hip replacement	
• Prof Benjamin Domb, Dr Justin LaReau, Dr Kris Alden, Dr Robert Daley	
John O'Donnell Hip Fellowship, Melbourne	Jan 2014-Jun 2014
• Hip Arthroplasty and Arthroscopy Fellowship	
• Prof John O'Donnell	
Exeter Hip Fellowship, United Kingdom	Jan 2013-July 2013
• Hip Arthroplasty Fellowship	
• Prof John Timperly, Prof Graham Gie, Prof Robin Ling, Dr Jonathan Howell, Dr Matthew Hubble	

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SCHOLARSHIPS AND PRIZES

Arthritis Australia - Orthopaedic Travelling Fellowship 2015 – Stipend \$50 000

EFFORT Fellowship – Medacta Fellowship 2015 – Stipend 15 000 Euro

Stryker Exeter Hip Arthroplasty – Stipend 40 000 pounds

EDUCATION

FRACS – Royal Australasian College of Surgeons	2009-2013
MPhil(Surg) – Australian National University	2013
• Thesis: Magnetic Resonance Kinematics of the Posterior Cruciate Deficient Knee	
MSpMed – University of New South Wales	2008
• Thesis: Image guided navigated total knee replacement: initial results	
BScMed(Hons)MBBS(Hons) – University of New South Wales	1997-2003
• Thesis: The role of Toll like receptors in cirrhosis	
Sydney Grammar School	1991-1996
• TER 99.75	
• Department of education prize for academic excellence \$2000	

SOCIETIES

- Royal Australasian College of Surgeons
- Australian Orthopaedic Association
- British Hip Society
- AO Trauma Foundation
- AO Spine Foundation
- American Academy of Orthopaedic Surgeons
- North American Arthroscopy Association
- International Society of Hip Arthroscopy
- Australian Medical Association

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PUBLICATIONS

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1. Lodhia P, Gui C, Martin TJ, **Chandrasekaran S**, Suarez-Ahedo C, Domb BG. Arthroscopic Central Acetabular Decompression: Clinical Outcomes at Minimum 2-Year Follow-up Using a Matched Pair Analysis. *Arthroscopy The Journal of Arthroscopic and Related Surgery* July 2016
2. **Chandrasekaran S**, Martin TJ, Close MR, Suarez-Ahedo C, Lodhia P, Domb BG. Arthroscopic reconstruction of the Ligamentum Teres: a case series in four patients with connective tissue disorders and generalized ligamentous laxity. *Journal of Hip Preservation* June 2016
3. **Chandrasekaran S**, Darwish N, Gui C, Lodhia P, Suarez-Ahedo C, Domb BG. Outcomes of Hip Arthroscopy in Patients with Tonnis Grade-2 Osteoarthritis at a Mean 2-Year Follow-up: Evaluation Using a Matched-Pair Analysis with Tonnis Grade-0 and Grade-1 Cohorts. *The Journal of Bone and Joint Surgery* 98(12):973-982 June 2016
4. Lodhia P, Domb BG, Martin TJ, Gui C, **Chandrasekaran S**, Suarez-Ahedo C. Predictors of Clinical Outcomes After Hip Arthroscopy: A Prospective Analysis of 1038 Patients With Two-Year Follow-Up. *Arthroscopy The Journal of Arthroscopic and Related Surgery* 32(6):e14-e15 June 2016
5. **Chandrasekaran S**, Gui C, Hutchinson MR, Lodhia P, Suarez-Ahedo C, Domb BG. Outcomes of Endoscopic GM Repair in 34 Patients with Minimum Two-year Follow-up. *Arthroscopy The Journal of Arthroscopic and Related Surgery* 32(6):e14 June 2016
6. Lodhia P, Gui C, **Chandrasekaran S**, Suarez-Ahedo C, Dischl D, Domb BG. The Economic Impact of Acetabular Labral Tears: A Cost-Effectiveness Analysis Comparing Hip Arthroscopy and Structured Rehabilitation Alone. *Arthroscopy The Journal of Arthroscopic and Related Surgery* 32(6):e13 · June 2016
7. Lodhia P, Gui C, **Chandrasekaran S**, Suarez-Ahedo C, Dischl D, Domb BG. The Economic Impact of Acetabular Labral Tears: A Cost-effectiveness Analysis Comparing Hip Arthroscopic Surgery and Structured Rehabilitation Alone in Patients Without Osteoarthritis. *The American Journal of Sports Medicine* · May 2016.
8. **Chandrasekaran S**, Gui C, Darwish N, Lodhia P, Suarez-Ahedo C, Domb BG. Outcomes of Hip Arthroscopic Surgery in Patients With Tonnis Grade 1 Osteoarthritis With a Minimum 2-Year Follow-up: Evaluation Using a Matched-Pair Analysis With a Control Group With Tonnis Grade 0. *The American Journal of Sports Medicine* 44(7) · April 2016.

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9. Lodhia P, Gui C, **Chandrasekaran S**, Suarez-Ahedo C, Vemula SP, Domb BG. Microfracture in the hip: a matched-control study with average 3-year follow-up. *Journal of Hip Preservation* Decemeber 2015
10. Lodhia P, **Chandrasekaran S**, ,Gui C, Darwish N, Suarez-Ahedo C, Domb BG. Open and Arthroscopic Treatment of Adult Hip Dysplasia: A Systematic Review. *Arthroscopy The Journal of Arthroscopic and Related Surgery* 32(2) · October 2015
11. **Chandrasekaran S**, Gui C, Hutchinson MR, Lodhia P, Suarez-Ahedo C, Domb BG. Outcomes of Endoscopic Gluteus Medius Repair: Study of Thirty-four Patients with Minimum Two-Year Follow-up. *The Journal of Bone and Joint Surgery* 97(16):1340-7 August 2015
12. **Chandrasekaran S**, Vemula SP, Lindner D, Lodhia P, Suarez-Ahedo C, Domb BG. Preoperative Delayed Gadolinium-Enhanced Magnetic Resonance Imaging of Cartilage (dGEMRIC) for Patients Undergoing Hip Arthroscopy: Indices Are Predictive of Magnitude of Improvement in Two-Year Patient-Reported Outcomes. *The Journal of Bone and Joint Surgery* 97(16):1305-15 August 2015
13. Amirouche F, Solitro GF, **Chandrasekaran S**, Domb BG, Gonzalez MH. Validating a Modified Circle Theorem Method for the Measurement of Acetabular Cup Anteversion on Plain Radiography with Intra-Operative Data from Robotic Assisted Total Hip Arthroplasty. *The Journal of arthroplasty* · August 2015
14. Lodhia P, Gui C, Martin TJ, Stake CE, Vemula SP, **Chandrasekaran S**, Suarez-Ahedo C, Domb BG. Outcomes of 1038 Hip Arthroscopies: A Two-Year Follow-Up Study. *The Orthopaedic Journal of Sports Medicine* 3(2 Suppl) · August 2015
15. **Chandrasekaran S**, Lindner D, Martin TJ, Lodhia P, Suarez-Ahedo C, Domb BG. Technique of Arthroscopically Assisted Transtrochanteric Drilling for Femoral Head Chondral Defects. *Arthroscopy Techniques* 4(4) · July 2015
16. Domb BG, Gupta A, Dunne KF, Gui C, **Chandrasekaran S**, Lodhia P. Microfracture in the Hip: Results of a Matched-Cohort Controlled Study With 2-Year Follow-up. *The American Journal of Sports Medicine* 43(8) · June 2015.
17. **Chandrasekaran S**, Lodhia P, Gui C, Vemula SP, Martin TJ, Domb BG. Outcomes of Open Versus Endoscopic Repair of Abductor Muscle Tears of the Hip: A

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Systematic Review. *Arthroscopy The Journal of Arthroscopic and Related Surgery* 31(10) · May 2015

18. **Chandrasekaran S**, Vemula SP, Martin TJ, Lodhia P, Domb BG. Arthroscopic technique of capsular plication for the treatment of hip instability. *Arthroscopy Techniques* 4(2) · April 2015
19. **Chandrasekaran S**, Lodhia P, Suárez-Ahedo C, Vemula SP, Martin TJ, Domb BG. Symposium: evidence for the use of intra-articular cortisone or hyaluronic acid injection in the hip. *Journal of Hip Preservation* March 2015
20. Gupta A, **Chandrasekaran S**, Redmond JM, Hammarstedt JE, Cramer L, Yuan L, Domb BG. Does Labral Size Correlate With Degree of Acetabular Dysplasia? *The Orthopaedic Journal of Sports Medicine* 3(2) · February 2015
21. **Chandrasekaran S**, Vemula SP, Gui C, Suárez-Ahedo C, Lodhia P, Domb BG. Clinical features that predict need for operative intervention in gluteus medius tears. *The Orthopaedic Journal of Sports Medicine* 3(2) · February 2015
22. **Chandrasekaran S**, Scarvell J, Ma D, Woods K, Smith P. A review of the anatomical, biomechanical and kinematic findings of posterior cruciate ligament injury with respect to non-operative management. *The Knee* December 2012;19(6):738-745
23. **Chandrasekaran S**, Scarvell J, Buirski G, Woods K, Smith P. Sagittal plane articulation of the contralateral knee of subjects with posterior cruciate ligament deficiency: an observational study. *Journal of Orthopaedic Surgery and Research* 7(1):12 · March 2012
24. **Chandrasekaran S**, Scarvell J, Buirski G, Woods K, Smith P. Magnetic resonance imaging study of alternation of tibiofemoral joint articulation after posterior cruciate ligament injury. *The Knee* January 2012;19(1):60-64
25. **Chandrasekaran S**, Ariaretnam S, Dickison D. Early mobilisation after total knee replacement reduces the incidence of deep vein thrombosis. *ANZ J Surgery* August 2009;79(7-8):526-9
26. **Chandrasekaran S**, Molnar R. Minimally invasive imageless computer navigated knee surgery: Initial results. *J Arthroplasty* April 2008;23(3):441-445

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PRESENTATIONS

12th Congress of the European Hip Society Munich 6-9 September 2016

1. **Chandrasekaran S**, Darwish N, Chaharbakhshi E, Lodhia, P, Suarez-Ahedo, C, Domb BG. Minimum Two-Year Outcomes of Hip Arthroscopy in Patients with Acetabular Over Coverage and Profunda Acetabulae in Comparison to a Matched Control with Normal Acetabular Coverage

17th European Federation of National Associations of Orthopaedics and Traumatology Congress Geneva 1-3 June 2016

2. **Chandrasekaran, Sivashankar** / Darwish, Nader / Martin, Timothy / Suarez-Ahedo, Carlos / Lodhia, Parth / Hartigan, David / Domb, Benjamin. Treatment Of Labral Tears In Borderline Dysplastic Hips With Arthroscopic Capsular Plication And Labral Preservation: Two-Year Clinical Outcomes With A Matched-Pair Control Group
3. Suarez-Ahedo, Carlos / Gui, Chengcheng / Vemula, S. Pavan / **Chandrasekaran, Sivashankar** / Lodhia, Parth / Domb, Benjamin. The Influence Of Acetabular Labrum Width On Post-Operative Outcomes After Hip Arthroscopy With Minimum Two-Year Follow-Up: A Matched Cohort Study
4. **Chandrasekaran, Sivashankar** / Darwish, Nader / Walsh, John / Lodhia, Parth / Suarez-Ahedo, Carlos / Hartigan, David / Domb, Benjamin. Arthroscopic Treatment Of Labral Tears And Instability In Professional Dancers: Patterns Of Clinical Presentation And Intraarticular Derangements, Radiological Associations, And Minimum Two-Year Outcomes
5. Suarez-Ahedo, Carlos / Gui, Chengcheng / Martin, Timothy / **Chandrasekaran, Sivashankar** / Lodhia, Parth / Hartigan, David / Domb, Benjamin. Robotic Guided Total Hip Arthroplasty Results In Smaller Acetabular Cup Size In Relation To The Femoral Head Size
6. **Chandrasekaran, Sivashankar** / Vemula, S. Pavan / Suarez-Ahedo, Carlos / Lodhia, Parth / Kelly, Bryan / Domb, Benjamin. Demographic, Clinical, Radiographic And Intraoperative Associations With Iliopsoas Impingement Of The Hip
7. **Chandrasekaran, Sivashankar** / Darwish, Nader / Darwish, Ashraf / Suarez-Ahedo, Carlos / Lodhia, Parth / Domb, Benjamin. Outcomes Of Hip Arthroscopy In Patients With Previous Lumbar Spine Surgery: A Matched Pair Controlled Cohort Study With Minimum Two-Year Follow-Up
8. Domb, Benjamin / Martin, Timothy / Vemula, S. Pavan / **Chandrasekaran, Sivashankar** / Suarez-Ahedo, Carlos / Lodhia, Parth. Predictors Of Clinical Outcomes After Hip Arthroscopy: A Prospective Analysis Of 1038 Patients With Two-Year Follow-Up
9. **Chandrasekaran, Sivashankar** / Gui, Chengcheng / Darwish, Nader / Lodhia, Parth / Suarez-Ahedo, Carlos / Domb, Benjamin. Outcomes Of Hip Arthroscopy In Patients

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With Tönnis Grade 2 Osteoarthritis With Minimum Two-Year Follow-Up: Evaluation Using A Matched Pair Analysis With Tönnis Grade 0 And 1 Cohort

10. **Chandrasekaran, Sivashankar** / Gui, Chengcheng / Darwish, Nader / Lodhia, Parth / Suarez-Ahedo, Carlos / Domb, Benjamin. Outcomes Of Hip Arthroscopy In Patients With Tönnis Grade 1 Osteoarthritis With Minimum Two-Year Follow-Up: Evaluation Using A Matched Pair Analysis With A Tönnis Grade 0 Control Group
11. **Chandrasekaran, Sivashankar** / Gui, Chengcheng / Walsh, John / Lodhia, Parth / Suarez-Ahedo, Carlos / Domb, Benjamin. Correlation Between Changes In Mean Visual Analogue Scale For Pain, Patient Reported Outcome Scores And Patient Satisfaction Following Hip Arthroscopy
12. **Chandrasekaran, Sivashankar** / Darwish, Nader / Close, Mary / Suarez-Ahedo, Carlos / Lodhia, Parth / Domb, Benjamin. Patterns Of Clinical Presentation And Intra-Articular Derangements, Radiological Associations And Minimum Two-Year Outcomes Of Hip Arthroscopy In Patients With Acetabular Over Coverage And Coxa Profunda
13. Lodhia, Parth / Gui, Chengcheng / Martin, Timothy / **Chandrasekaran, Sivashankar** / Suarez-Ahedo, Carlos / Domb, Benjamin. Relationship Between Central Acetabular Osteophytes And Femoral Head Articular Damage – A Cross-Sectional Study.

Australian Orthopaedic Association ASM Brisbane 11-15th October 2015

14. **Chandrasekaran, Sivashankar** / Darwish, Nader / Close, Mary / Suarez-Ahedo, Carlos / Lodhia, Parth / Domb, Benjamin. Can stem version consistently correct native femoral version using robotic guidance in total hip arthroplasty?
15. **Chandrasekaran S**, Vemula SP, Lindner D, Lodhia P, Suarez-Ahedo C, Domb BG. Preoperative Delayed Gadolinium-Enhanced Magnetic Resonance Imaging of Cartilage (dGEMRIC) for Patients Undergoing Hip Arthroscopy: Indices Are Predictive of Magnitude of Improvement in Two-Year Patient-Reported Outcomes.
16. **Chandrasekaran S**, Gui C, Hutchinson MR, Lodhia P, Suarez-Ahedo C, Domb BG. Outcomes of Endoscopic Gluteus Medius Repair: Study of Thirty-four Patients with Minimum Two-Year Follow-up.
17. **Chandrasekaran, Sivashankar** / Gui, Chengcheng / Darwish, Nader / Lodhia, Parth / Suarez-Ahedo, Carlos / Domb, Benjamin. Outcomes Of Hip Arthroscopy In Patients With Tönnis Grade 2 Osteoarthritis With Minimum Two-Year Follow-Up: Evaluation Using A Matched Pair Analysis With Tönnis Grade 0 And 1 Cohort
18. **Chandrasekaran, Sivashankar** / Darwish, Nader / Martin, Timothy / Suarez-Ahedo, Carlos / Lodhia, Parth / Hartigan, David / Domb, Benjamin. Treatment Of Labral Tears In Borderline Dysplastic Hips With Arthroscopic Capsular Plication And Labral Preservation: Two-Year Clinical Outcomes With A Matched-Pair Control Group
19. **Chandrasekaran, Sivashankar** / Darwish, Nader / Martin, Timothy / Suarez-Ahedo, Carlos / Lodhia, Parth / Hartigan, David / Domb, Benjamin Association between the grade of gluteus medius tears with the grade of intra-articular hip derangement

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Orthopedic Summit Evolving Techniques 2014, Las Vegas December 2014

20. Domb BG, **Chandrasekaran S** - Microinstability of the Hip in the Athlete: What I Do in the Office and in the Operating Room
21. Domb BG, **Chandrasekaran S** - Rim Resection: When to Perform and Optimizing Your Labral Repair Technique
22. **Domb BG, Chandrasekaran S** -Debate: Why I Brace Everyone After a Hip Arthroscopy!

International Society for Hip Arthroscopy Meeting 2014, Rio De Janeiro October 2014

23. Domb B, **Chandrasekaran S** – Intra-articular injections of the hip

University of Chicago Illinois Orthopaedic Symposium 2014, Chicago September 2014

24. **Chandrasekaran S**, Domb BG - MAKO multi-surgeon study - accuracy of cup placement
25. **Chandrasekaran S**, Domb BG - Sports injury of the groin

Australian Orthopaedic Association ACT Branch Meeting November 2008

26. **Chandrasekaran S**, Scarvell J, Buirski G, Woods K, Smith P. Magnetic resonance imaging study of alternation of tibiofemoral joint articulation after posterior cruciate ligament injury.
27. **Chandrasekaran S**, Scarvell J, Burns A, Smith P. Vacuum Assisted Closure reduces need for split skin grafting in traumatic tibial fasciotomy wounds
28. **Chandrasekaran S**, Scarvell J, Smith P. Transfusion requirements in patients with fractured neck of femurs on anticoagulation therapy

Australian Orthopaedic Association National Meeting October 2008

29. **Chandrasekaran S**, Molnar R. Minimally invasive imageless computer navigated knee surgery: Initial results.
30. **Chandrasekaran S**, Ariaretnam S, Dickison D. Early mobilisation after total knee replacement reduces the incidence of deep vein thrombosis. ANZ J Surgery August 2009;79(7-8):526-9

POSTERS

International Society for Hip Arthroscopy Annual Scientific Meeting San Fransisco 15-17 September 2016

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1. **Chandrasekaran S**, Darwish N, Darwish A, Suarez-Ahedo C, Lodhia, P, Domb BG Outcomes of Hip Arthroscopy in Patients With Previous Lumbar Spine Surgery: A Matched Pair Controlled Cohort Study With Minimum Two-Year Follow Up
2. **Chandrasekaran S**, Darwish N, Chaharbakhshi E, Lodhia, P, Suarez-Ahedo, C, Domb BG. Arthroscopic Reconstruction Of Segmental Defects Of The Hip Labrum: Results In 22 Patients With Minimum Two-Year Follow-Up With Comparison To A Matched Control Of Labral Repair
3. **Chandrasekaran S**, Lodhia, P, Suarez-Ahedo, C, Domb BG. The Reverse Contre-Coupe Labral Lesion in the Hip – A Case Based Technique for the Management of a New Entity Based on an Understanding of the Pathomechanics.
4. **Chandrasekaran, Sivashankar** / Darwish, Nader / Walsh, John / Lodhia, Parth / Suarez-Ahedo, Carlos / Hartigan, David / Domb, Benjamin. Arthroscopic Treatment Of Labral Tears And Instability In Professional Dancers: Patterns Of Clinical Presentation And Intraarticular Derangements, Radiological Associations, And Minimum Two-Year Outcomes
5. **Chandrasekaran S**, Darwish N, Chaharbakhshi E, Lodhia, P, Suarez-Ahedo, C, Domb BG Arthroscopic Treatment Of Labral Tears Of The Hip In Adolescents: Patterns Of Clinical Presentation, Intra-Articular Derangements, Radiological Associations And Minimum Two-Year Outcomes.
6. **Chandrasekaran S**, Vemula SP, Darwish N, Lodhia, P, Suarez-Ahedo, C, Domb BG Outcomes Of Gluteus Maximus And Tensor Fascia Lata Transfer For Primary Deficiency Of The Abductors Of The Hip
7. **Chandrasekaran S**, Darwish N, Chaharbakhshi E, Lodhia, P, Suarez-Ahedo, C, Domb BG. Minimum Two-Year Outcomes of Hip Arthroscopy in Patients with Acetabular Over Coverage and Profunda Acetabulae in Comparison to a Matched Control with Normal Acetabular Coverage

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8. **Chandrasekaran S**, Darwish N, Chaharbakhshi E, Lodhia, P, Suarez-Ahedo, C, Domb BG. Arthroscopic Reconstruction Of Segmental Defects Of The Hip Labrum: Results In 22 Patients With Minimum Two-Year Follow-Up With Comparison To A Matched Control Of Labral Repair

References

International

Dr Benjamin G Domb

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National

1. Dr. David Dickison

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2. Dr John O'donnell

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3. Dr Lu Ton

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