

CURRICULUM VITAE
HIROYUKI SUGAYA, M.D.

Personal

Date of Birth: August 11, 1960

Place of Birth: Chiba, Japan

Marital Status: Married to Misako on Jan. 26, 1992; Children: Three daughters (Risa, born in July 19, 1992; Nao, born in Dec. 13, 1994; Sara born in May 30, 1996)

Title: Chairman, Sports Medicine & Joint Center, Funabashi Orthopaedic Hospital
Professor & Honorary Instructor, John A Burns School of Medicine, University of Hawaii
Professor, Department of Orthopaedics, Tokyo Medical Women's University

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Education

April 1981 - March 1987 Chiba University, School of Medicine

Honors

1987 MD
1997 PhD
1998 Authorized sports physician, officially approved by Japan Amateur Sports Association
2004 Linvatec New Frontier Award (The 1st Asian Shoulder Study Group Meeting)

Licensed by

The Japanese Ministry of Health and Welfare in May 1987

Board Certified By

Japanese Orthopaedic Association in 1994

Clinical and Research Societies

Japan Shoulder Society: Executive Board Member (2008~)
Editorial Board Committee (2008~2012)
Social Insurance Committee (2008~)
JSES Subscription Promotion Committee (2010~2012)
Chair, International Committee (2013~)

Japanese Orthopaedic Society of Knee, Arthroscopy, and Sports Medicine (JOSKAS): Councilor (2006~),
Public Relations Committee (2011~)

The Japanese Orthopaedic Society of Sports Medicine: Executive Board Member (2013~); Councilor
(2010~); International Committee (2010~)

American Shoulder and Elbow Surgeons: Corresponding Member (2008~)

Japanese Orthopaedic Association: Member

Japan Elbow Society: Member

International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine (ISAKOS): Member
Upper Extremity Committee (2011~)

Clinical Interests

Treatment of the shoulder and elbow injuries
Arthroscopic surgery for the shoulder and elbow
Shoulder arthroplasty

Editorial Board

Journal of Shoulder and Elbow Surgery (Assistant editor: 2011~)
Journal of Clinical Sports Medicine (Japanese; 2010~)
The Japanese Journal of Orthopaedic Surgical Technique (2011~)

Reviewer

American Journal of Sports Medicine
Journal of Orthopaedic Science
Sports Medicine, Arthroscopy, Rehabilitation, Therapy & Technology
International Journal of Shoulder Surgery
Indian Journal of Orthopaedics

Professional Experience

April 2018 – Present

Clinical Professor, Department of Orthopaedic Surgery
Chiba University

April 2016 – Present

Chairman & Director,
Sports Medicine and Joint Center, Funabashi Orthopaedic Hospital

April 2015 – Present

Visiting Professor, Department of Orthopaedic Surgery
Tokyo Women's Medical University

April 2013 – March 2016

Chairman & Director,
Shoulder and Elbow Center, Funabashi Orthopaedic Hospital

December 2011 - Present

Honorary Clinical Instructor, Department of Anatomy
John A. Burns School of Medicine, University of Hawaii

July 2008 - March 2015

Visiting Associate professor, *Department of Orthopaedic Surgery*
Tokyo Women's Medical University

April 2002 – March 2013

Director, Shoulder and Elbow Service,
Funabashi Orthopaedic Sports Medicine Center

January 1997 - March 2002

Co-Director, Department of Orthopaedic Surgery and Sports Medicine,
Kawatetsu Hospital, Chiba, Japan

March 1996 – December 1996

Research Fellow, Orthopaedic Research Laboratory, Good Samaritan Medical Center, West Palm Beach,
FL, USA

April 1993 - February 1996

Clinical and Research Fellow, Department of Orthopaedic Surgery, Chiba University, Chiba, Japan

April 1991 - March 1993

Orthopaedic Surgeon, Watanabe Orthopaedic Hospital, Shizuoka, Japan

April 1990 - March 1991

Orthopaedic Surgeon, Department of Orthopaedic Surgery, Shioya General Hospital, Tochigi, Japan

April 1989 - March 1990

Orthopaedic Surgeon, Department of Orthopaedic Surgery, Nagano Prefectural Suzaka Hospital, Nagano,
Japan

April 1988 - March 1989

Orthopaedic Surgeon, Department of Orthopaedic Surgery, Kumagaya General Hospital, Saitama, Japan

May 1987 - March 1988

Orthopaedic Resident, Department of Orthopaedic Surgery, Chiba University, Chiba, Japan

Achievements

Keynote Lecture

Keynote lecture, The 3rd Annual MLB Sports Medicine: Game-changing Concepts in 2018, New York,
NY, USA

Keynote lecture, The 15th IFOSMA, Qingdao, China, June 2018.

Plenary lecture, The 26th Congress of Korean Shoulder & Elbow Society, Seoul, Korea, March 2018.

Plenary lecturer, The 3rd Malaysian Arthroscopic Society, Kuala Lumpur, Malaysia, October 2015

Plenary lecturer, The 3rd Annual Meeting of Indonesian Orthopaedic Society for Sports Medicine and
Arthroscopy, Bandung, Indonesia, September 2015

Plenary lecturer, ASEAN Arthroscopy and Sports Medicine Congress 2013, Kuala Lumpur, Malaysia,
2013.

Presidential Guest Speaker, 2012 NESES (New England Shoulder and Elbow Society) Annual Meeting,
Jay Peak, VT, USA, January, 2012.

International Presidential Guest Speaker, the 30th AANA (Arthroscopy Association of North America)
Annual Meeting, San Francisco, USA, April, 2011.

Invited Lectures & Live Surgical Demonstrations

AAOS Annual Meeting 2019, Instructional Course Lecture #141, Las Vegas, NV, USA, March 2019

The 3rd Annual MLB Sports Medicine: Game-changing Concepts in 2018, New York, NY, USA

The 14th TUSYAD Congress, Antalya, Turkey, October 2018

The 2nd Peking University Forum on Sports Medicine, Beijing, China, August 2018

Depuy Synthes Dr. Sugaya Roadshow in China, Shanzheng, Foshan, Mianyang, China, August 2018.

Depuy Synthes Shoulder Cadaver Workshop in Bangkok for Korean Surgeons, Bangkok, Thailand, June 2018.

The 15th IFOSMA, Qingdao, China, June 2018.

Nice Shoulder Course 2018, Nice, France, June 2018

Berlin Shoulder Course 2018, Berlin, Germany, April 2018

KSES (Korean Shoulder & Elbow Society) 2018 Annual Meeting, Seoul, Korea, March 2018

AAOS Annual Meeting 2018, Instructional Course Lecture #129, New Orleans, LA, USA, March 2018

Gachon Shoulder Meeting 2018, Inchon, Korea, February 2018

Paris Shoulder Symposium 2018, Paris, France, February 2018

The The 5th ASEG (Asian Shoulder & Elbow Group) Meeting, Mumbai, India, January 2018

The 9th ACASEA: Academic Congress for Asian Shoulder & Elbow Society, Mumbai, India, November, 2017

The 1st Asia-Pacific Shoulder & Elbow Symposium, Tokyo, Japan, October, 2017

The 5th AAC - IOSSMA 2017, Bali, Indonesia, September, 2017

Annecy Live Surgery International Shoulder Advanced Course 2017, Annecy, France, June, 2017

The 11th Biennial ISAKOS Congress, Shanghai, China, June, 2017

2017 APKASS Summit, Seoul, Korea, April, 2017

The 4th ASEG: Asian Shoulder and Elbow Study Group Meeting, Chengdu, China, April, 2017

China Live Online: Shoulder Surgery 2017, Beijing, China, Shanghai, China, 2017, April, 2017

AAOS Annual Meeting 2017, Instructional Course Lecture #146, San Diego, CA, USA, March, 2017

Current Solutions in Shoulder and Elbow Surgery 2017, Tampa, FL, USA, February, 2017

ISKSAA GLOBAL SUMMIT 2016, Delhi, India, November, 2016

2016 Beijing Shoulder Arthroscopy School, Beijing, China, September, 2016

Kerlan-Jobe Orthopaedic Clinic Alumni Meeting 2016, Colorado Springs, CO, USA, July, 2016

2016 APKASS Summit & 13th IFOSMA, Hong Kong, China, June, 2016

Nice Shoulder Course 2016, Nice, France, June, 2016

Berlin International Shoulder Course 2016, Berlin, Germany, April, 2016

The 3rd ASEG: Asian Shoulder and Elbow Study Group Meeting, Osaka, Japan, April, 2016

The 51th Chilean Congress of Orthopaedics and Traumatology, La Serena, Chili, November, 2015

The 35th Annual Congress, Hong Kong Orthopaedic Association, Hong Kong, China, November, 2015

The 3rd Malaysian Arthroscopy Society Annual Meeting, Kuala Lumpur, Malaysia, October, 2015

The 3rd Annual Meeting of Indonesian Orthopaedic Society for Sports Medicine and Arthroscopy, Bandung, Indonesia, September, 2015

The Arthroscopic Academy 2015, Mumbai, India, July, 2015

The 6th Annecy Live surgery International, Shoulder Advanced Course, Annecy, France, June, 2015

The 10th Biennial ISAKOS Congress 2015, Lyon, France, June, 2015

The 2nd Congress of Asia-Pacific Knee, Arthroscopy and Sports Medicine Society, Taipei, Taiwan, 2015

The 2nd Asian Shoulder Elbow Study Group Meeting, Busan, Korea, 2015

The 36th Metcalf/AANA Arthroscopy Seminar, Snowbird, Utah, USA, 2015

The 3rd Biennial Congress of Shoulder & Elbow Society of India, Delhi, India, 2015

The 8th Academic Congress of Asian Shoulder Association, Cebu, Philippines, 2014

The 2014 annual meeting of New Zealand Orthopaedic Association, Tauranga, New Zealand, 2014

The 13th Indian Arthroscopy Society, Hyderabad, India, 2014

The 1st ASSGM: Asian Shoulder Study Group Meeting, Jeju, Korea, 2014

The Nice Shoulder Course 2014, Nice, France, June, 2014

The 11th International Forum of Sports Medicine and Arthroscopy, Shanghai, China, 2014

1st Congress of Asia-Pacific Knee, Arthroscopy and Sports Medicine Society, Nara, Japan, 2014

ASEAN Arthroscopy and Sports Medicine Congress 2013, Kuala Lumpur, Malaysia, November, 2013.

Royal North Shore Shoulder Symposium 2013, Sydney, Australia, October, 2013

The 1st Busan Himchan Hospital symposium, Busan, Korea, October, 2013.

The 36th Singapore Orthopaedic Association, Annual Scientific Meeting, Singapore, October, 2013.

The 5th Annecy Live surgery International, Shoulder Advanced Course, Annecy, France, June, 2013

The 9th Biennial ISAKOS Congress 2013, Toronto, Canada, May, 2013

ABC Medical School Shoulder & Elbow Course, Sao Paulo, Brazil, Mar. 2013

Depuy Synthes Bangkok Master Shoulder Course, Bangkok, Thailand, Mar. 2013

The 2nd Shoulder Elbow Conference 2013, Pune, India, Feb. 2013

Metcalf AANA Meeting 2013, Sun Valley, ID, USA, Feb. 2013.

CASM (Congress of Arthroscopy and Sports Medicine) 2012, Jaipur, India, Nov. 2012

The 1st KSES (Korean Shoulder and Elbow Society) Autumn Meeting, Daegu, Korea, Nov. 2012

Orthopedic Surgery Controversies 2012, Napa, CA, USA, Sept, 2012

The Nice Shoulder Course 2012, Nice, France, June, 2012.

The New England Shoulder and Elbow Society 2012 Annual Meeting, Jay Peak, VT, USA, 2012.

The 8th Hannover Shoulder & Knee Arthroscopy Course, Hanover, Germany, November, 2011

The New Zealand Shoulder and Elbow Society Conference 2011, Tahiti, July, 2011.

The 4th International Shoulder & Elbow Forum, Beijing, June, 2011.

The 4th Annecy Live surgery International, Shoulder Advanced Course, Annecy, France, June, 2011.

The 8th Biennial ISAKOS Congress, Rio de Janeiro, Brazil, May, 2011.

The 8th International Symposium for Orthopaedic Sports Medicine, Keelung, Taiwan, May, 2011.

The 30th AANA Annual Meeting, San Francisco, USA, April, 2011.

The 9th Conference of the Indian Arthroscopy Society, Chennai, India, September, 2010.

The 14th ESSKA Congress, Oslo, Norway, June, 2010.

The Nice Shoulder Course 2010, Nice, France, May, 2010.

The 14th International Shoulder Course, Munich, Germany, September, 2009

The 3rd Annecy Live surgery International, Shoulder Advanced Course, Annecy, France, June, 2009.

The 7th Biennial ISAKOS Congress, Osaka, Japan, April, 2009.

The 7th Annual Conference of Indian Arthroscopy Society, Goa, India, September, 2008

The 4th Annual Meeting of Taiwan Shoulder and Elbow Society, Taipei, Taiwan, July, 2008.

The 25th Annual San Diego Shoulder Meeting, San Diego, CA, USA, June, 2008.

The Nice Shoulder Course 2008, Nice, France, May, 2008.

The 13th Triennial Congress of Asia Pacific Orthopaedic Association, Seoul, Korea, September, 2007

The 2nd Annecy Live surgery International, Shoulder Advanced Course, Annecy, France, June, 2007.

The 74th AAOS Annual Meeting, San Diego, CA, USA, February, 2007.

The Shoulder Surgery Controversies 2006, International Live Shoulder Surgery Symposium, Newport Beach, CA, USA, October, 2006.

The 3rd International Symposium for Orthopaedic Sports Medicine, Keelung, Taiwan, May, 2006.

The 2nd International Symposium for Orthopaedic Sports Medicine, Taipei, Taiwan, April, 2005.

The 2nd Asian Shoulder Study Group Meeting, Cebu, Philipines, January, 2005.

The 3rd Congress of Asia-Pacific Orthopaedic Association, Ankara, Turkey, November, 2004.

The 1st International Arthroscopy Meeting in Beijing, Beijing, China, September, 2004.

The 8th SMC Shoulder Symposium, Seoul, Korea, June, 2004.

The 1st Asian Shoulder Study Group Meeting, Kota Kinabalu, Borneo, Malaysia, February, 2004.

The Indian Arthroscopy Association 1st Annual Meeting, Coimbatore, India, October, 2002.

English Publications

1. Shibayama K, Sugaya H, Matsuki K, Takahashi N, Tokai M, Onishi K, Tanaka S. Repair integrity and functional outcomes after arthroscopic suture bridge subscapularis tendon repair. *Arthroscopy* 2018; 34(9): 2541-2548.
- 2.
3. Matsuki K, Sugaya H, Hoshika S, Takahashi N, Kenmoku T, Banks SA. Scaption kinematics of reverse shoulder arthroplasty do not change after the sixth postoperative month. *Clin Biomechanics* 2018; 58:1-6.
4. Matsuki K, Sugaya H. Section I. Shoulder Instability, Rehabilitation, and Return to Sport. 1-1J. *Arthroscopic Repair of Osseous Bankart Lesions*. Arciero, Cordasco, Provencher (eds). *Shoulder and Elbow Injuries in Athletes*. Elsevier, Philadelphia, USA 2018: 65-70.
5. Tanaka M, Nimura A, Takahashi N, Mochizuki T, Kato R, Sugaya H, Akita K. Location and thickness of delaminated rotator cuff tears: cross sectional analysis with surgery record review *J Shoulder Elbow Surg* 2018; Open Access 2:84-90.
6. Matsuki K, Sugaya H, Takahashi N, Kawasaki T, Yoshimura H, Kenmoku T. Degradation of Cylindrical Poly-Lactic Co-Glycolide/Beta-Tricalcium Phosphate Biocomposite Anchors After Arthroscopic Bankart Repair: A Prospective Study. *Orthopedics*. 2018 Mar 1:1-6.
7. Ueda Y, Sugaya H, Takahashi N, Matsuki K, Tokai M, Onishi K, Hoshika S, Hamada H. Arthroscopic Fragment Resection for Capitellar Osteochondritis Dissecans in Adolescent Athletes: 5- to 12-Year Follow-up. *Orthop J Sports Med*. 2017 Dec 15;5(12): eCollection.
8. Tanaka M, Nimura A, Takahashi N, Mochizuki T, Kato R, Sugaya H, Akita K. Location and Thickness of Delaminated Rotator Cuff Tears: Cross-sectional Analysis with Surgery Record Review. *JSES Open Access* 2017; in press.
9. Tonotsuka H, Sugaya H, Takahashi N, Kawai N, Sugiyama H, Marumo K. Target range of motion at 3 months after arthroscopic rotator cuff repair and its effect on the final outcome. *J Orthop Surg* 2017; 25(3): 1-8.
10. Takahashi N, Sugaya H, Matsuki K, Miyauchi H, Matsumoto M, Tokai M, Onishi K, Hoshika S, Ueda Y. Hypertrophy of the extra-articular tendon of the long head of biceps correlates with the location and size of a rotator cuff tear. *Bone Joint J* 2017; 99B: 806-811.

11. Matsuki K, Sugaya H, Hoshika S, Ueda Y, Takahashi N, Tokai M, Onishi K, Banks SA. Geometric analysis of the proximal humerus in elderly Japanese patients implications for implant selection in reverse shoulder arthroplasty. *Orthopaedics* 2017; in press.
12. Kajiyama S, Muroi S, Sugaya H, Takahashi N, Matsuki K, Kawai N, Osaki M. Osteochondritis Dissecans of the Humeral Capitellum in Young Athletes: Comparison Between Baseball Players and Gymnasts. *Orthop J Sports Med* 2017; 5 (3): Epub ahead of print.
13. Takahashi N, Sugaya H, Matsumoto M, Miyauchi H, Matsuki K, Tokai M, Kawai N, Onishi K, Ueda Y, Hoshika S. Progression of degenerative changes of the biceps tendon after successful rotator cuff repair. *J Shoulder Elbow Surg* 2017; 26: 424-429.
14. Iijima Y, Matsuki K, Hoshika S, Ueda Y, Onishi K, Tokai M, Takahashi N, Sugaya H, Dougo K, Watanabe A. Differences in Fatty Degeneration of Rotator Cuff Muscles at Different Sites, as Quantified by T2 Mapping. *J Orthop Sci* 2017; 22: 281-284.
15. Kanazawa K, Hagiwara Y, Kawai N, Sekiguchi T, Koide M, Ando A, Sugaya H, Itoi E. Correlations of coracohumeral ligament and range of motion restriction in patients with recurrent anterior glenohumeral instability evaluated by magnetic resonance arthrography. *J Shoulder Elbow Surg* 2017; 26: 233-240.
16. Matsuki K, Sugaya H. 7. Instability. In Tamai, Itoi, Takagishi (eds). *Advances in Shoulder Surgery*. 1st edition, Springer Japan, Tokyo, 2016: 105-127.
17. Sugaya H, Takahashi N. Arthroscopic Osseous Bankart Repair in the Treatment of Recurrent Anterior Glenohumeral Instability. *J Bone Joint Surg. Essential Surgical Technique* 2016; 6 (3): e26.
18. Matsuki K, Kenmoku T, Ochiai N, Sugaya H, Banks SA. Differences in glenohumeral translations calculated with three methods: Comparison of relative positions and contact point. *J Biomech* 2016; 49: 1944-1947.
19. Itoi E, Arce G, Bain GI, Diercks RL, Guttman D, Imhoff AB, Mazzocca AD, Sugaya H, Yoo YS. Shoulder Stiffness: Current Concepts and Concerns. *Arthroscopy* 2016; 32: 1402-14.
20. Cha SW, Lee CK, Sugaya H, Kim T, Lee SC. Retraction pattern of delaminated rotator cuff tears: dual-layer rotator cuff repair. *J Orthop Surg Res* 2016; 11: 75: online.
21. Ng WM, Chan CK, Takahashi N, Kawai N, Teh KK, Saravana R, Sugaya H. Radiological analysis of the medial epicondyle in the adolescent throwing athlete. *Singapore Med J* 2016: Published ahead of print: 15 March 2016.
22. Kitayama S, Sugaya H, Takahashi N, Matsuki K, Kawai N, Tokai M, Ohnishi K, Ueda Y, Hoshika S, Kitamura N, Yasuda K, Moriishi J. Clinical Outcome and Glenoid Morphology after Arthroscopic Chronic Bony Bankart Repair: A 5 to 8 Year Follow-up. *J Bone Joint Surg Am* 2015; 97: 1833-1843.
23. Sugaya H. Chapter 16 Arthroscopic Anterior Glenoid Bone Block Stabilization. Ryu, Angelo, Abrams (eds). *The Shoulder: AANA Advanced Arthroscopic Surgical Techniques*. 1st edition, SLACK Books, Thorofare, NJ, USA, 2015.
24. Sugaya H. 21 Multidirectional Instability and Loose Shoulder in Athletes. Jin-Young Park (eds) *Sports Injuries to the Shoulder and Elbow*. 1st edition, Springer, Berlin, Germany 2015: 237-250.
25. Tasaki A, Nimura A, Mochizuki T, Yamaguchi K, Kato R, Sugaya H, Akita K. Anatomic observation of the running space of the suprascapular nerve at the suprascapular notch in the same direction as the nerve. *Knee Surgery, Sports Traumatology, Arthroscopy*, 2015; 23: 2667-73
26. Ueda Y, Sugaya H, Takahashi N, Matsuki K, Kawai N, Tokai M, Ohnishi K, Hoshika S. Rotator Cuff Lesions in Patients with Stiff Shoulder: A Prospective Analysis of 379 Shoulders. *J Bone Joint Surg Am*

2015; 97:1233-7.

27. Hagiwara Y, Sugaya H, Takahashi N, Kawai N, Hamada J, Itoi E. Effects of intra-articular steroid injection before pan-capsular release in patients with refractory frozen shoulder. *Knee Surg Sports Traumatol Arthrosc* 2015; 23: 1536-41
28. Nozaki T, Nimura A, Fujishiro H, Mochizuki T, Yamaguchi K, Kato R, Sugaya H, Akita K. The anatomic relationship between the morphology of the greater tubercle of the humerus and the insertion of the infraspinatus tendon. *J Shoulder Elbow Surg* 2015; 24: 555-60.
29. Nimura A, Akita K, Sugaya H. Part V Musculo-Tendinous Structures. 20 Rotator Cuff. In Bain, Itoi, Di Giacomo, and Sugaya (eds). *Normal and Pathological Anatomy of the Shoulder*. 1st edition, Springer, Berlin, Germany, 2015: 199-205.
30. Nimura A, Akita K, Sugaya H. Part VI Neurovascular Structures. 31 Brachial Plexus. In Bain, Itoi, Di Giacomo, and Sugaya (eds). *Normal and Pathological Anatomy of the Shoulder*. 1st edition, Springer, Berlin, Germany, 2015: 309-313.
31. Sugaya H. Part IV Examinations, 14. Imaging of Stiff Shoulders. In Itoi, Arce, Bain, Diercks, Guttman, Imhoff, Mazzocca, Sugaya, and Yoo (eds), *Shoulder Stiffness: Current Concepts and Concerns*. 1st edition, Springer, Berlin, Germany 2015: 159-167.
32. Matsuki K, Sugaya H. Complications after arthroscopic labral repair for shoulder instability. *Curr Rev Musculoskelet Med*. 2015 Mar; 8: 53-8.
33. Arai R, Nimura A, Yamaguchi K, Yoshimura H, Sugaya H, Sagi T, Matsuda S, Akita K. The anatomy of the coracohumeral ligament and its relation to the subscapularis muscle. *J Shoulder Elbow Surg* 2014; 23: 1575-81.
34. Sugaya H. Complex and Revision Procedures in Shoulder Arthroscopy - Arthroscopic Treatment of Bony Bankart Lesions. In Giuseppe Milano, Andrea Grasso (eds), *Shoulder Arthroscopy: Principle & practice*. Springer, Berlin, Germany, 2014: 419-427.
35. Sugaya H. Techniques to evaluate glenoid bone loss. *Curr Rev Musculoskelet Med*. 2014 Mar;7(1):1-5.
36. Nimura A, Fujishiro H, Wakabayashi Y, Imatani J, Sugaya H, Akita K. Joint capsule attachment to the extensor carpi radialis brevis origin: an anatomical study with possible implications regarding the etiology of lateral epicondylitis. *J Hand Surg Am* 2014;39:219-25.
37. Matsuki K, Matsuki KO, Mu S, Kenmoku T, Yamaguchi S, Ochiai N, Sasho T, Sugaya H, Toyone T, Wada Y, Takahashi K, Banks SA. In vivo 3D analysis of clavicular kinematics during scapular plane abduction: comparison of dominant and non-dominant shoulders. *Gait Posture* 2014;39:625-7.
38. Arce G, Bak K, Bain G, Calvo E, Ejnisman B, Di Giacomo G, Gutierrez V, Guttman D, Itoi E, Ben Kibler W, Ludvigsen T, Mazzocca A, de Castro Pochini A, Savoie F 3rd, Sugaya H, Uribe J, Vergara F, Willems J, Yoo YS, McNeil JW 2nd, Provencher MT. Management of disorders of the rotator cuff: proceedings of the ISAKOS upper extremity committee consensus meeting. *Arthroscopy* 2013;29:1840-50.
39. Sugaya H. 13. Anatomy, Pathogenesis, Natural History, and Nonsurgical Treatment of Rotator Cuff Disorders. *Orthopaedic Knowledge Update: Shoulder and Elbow* 4. AAOS Publication 2013: 165-176.
40. Ando A, Sugaya H, Hagiwara Y, Takahashi N, Watanabe T, Kanazawa K, Itoi E. Identification of prognostic factors for the nonoperative treatment of stiff shoulder. *Int Orthop* 2013;37:859-64.

41. Nimura A, Kato A, Yamaguchi K, Mochizuki T, Okawa A, Sugaya H, Akita K. The superior capsule of the shoulder joint complements the insertion of the rotator cuff. *J Shoulder Elbow Surg* 2012;21: 867-72
42. Kato A, Nimura A, Yamaguchi K, Mochizuki T, Sugaya H, Akita K. An anatomical study of the transverse part of the infraspinatus muscle that is closely related with the supraspinatus muscle *Surg Radiol Anat* 2012;34:257-65.
43. Matsuki K, Matsuki KO, Yamaguchi S, Ochiai N, Sasho T, Sugaya H, Toyone T, Wada Y, Takahashi K, Banks SA. Dynamic In Vivo Glenohumeral Kinematics During Scapular Plane Abduction in Healthy Shoulders. *J Orthop Sports Phys Ther* 2012;42:96-104.
44. Hagiwara Y, Sugaya H, Takahashi N, Nakajima Y, Manabe H, Itoi E. Bilateral refractory frozen shoulders treated with conservative and surgical treatments — a case report of long-term follow-up. *Eur Orthop Traumatol* 2012; 3:81–84.
45. Hagiwara Y, Ando A, Onoda Y, Takemura T, Minowa T, Hanagata N, Tsuchiya M, Watanabe T, Chimoto E, Suda H, Takahashi N, Sugaya H, Saijo Y, Itoi E. Coexistence of fibrotic and chondrogenic process in the capsule of idiopathic frozen shoulders. *Osteoarthritis and Cartilage* 2012; 20: 241-9.
46. Ando A, Sugaya H, Takahashi N, Kawai N, Hagiwara Y, Itoi E. Arthroscopic Management for Selective Loss of External Rotation after Surgical Stabilization of Traumatic Anterior Glenohumeral Instability: Arthroscopic RATS Procedure. *Arthroscopy* 2012; 28:749-53.
47. Sugaya H. Section 2 Anterior Instability: Chapter 15 Arthroscopic Treatment of Glenoid Bone Loss -Surgical Technique. Provencher & Romeo eds., *Shoulder Instability A Comprehensive Approach*, Elsevier, Philadelphia, USA 2011: 186-196.
48. Matsuki K, Matsuki KO, Yamaguchi S, Ochiai N, Sasho T, Sugaya H, Toyone T, Wada Y, Takahashi K, Banks SA. Dynamic In Vivo Glenohumeral Kinematics During Scapular Plane Abduction in Healthy Shoulders. *J Orthop Sports Phys Ther*. 2011 Oct 25. [Epub ahead of print]
49. Kato A, Nimura A, Yamaguchi K, Mochizuki T, Sugaya H, Akita K. An anatomical study of the transverse part of the infraspinatus muscle that is closely related with the supraspinatus muscle. *Surg Radiol Anat* 2011 Sep 21. [Epub ahead of print]
50. Hatta T, Shinozaki N, Omi R, Sano H, Yamamoto N, Ando A, Sugaya H, Aizawa T, Kuriyama S, Itoi E. Reliability and validity of the Western Ontario Shoulder Instability Index (WOSI) in the Japanese population. *J Orthop Sci* 2011; 16: 732-6.
51. Nimura A, Kato A, Yamaguchi K, Mochizuki T, Okawa A, Sugaya H, Akita K. The superior capsule of the shoulder joint complements the insertion of the rotator cuff. *J Shoulder Elbow Surg* 2011 Aug 3. [Epub ahead of print]
52. Matsuki K, Matsuki KO, Mu S, Yamaguchi S, Ochiai N, Sasho T, Sugaya H, Toyone T, Wada Y, Takahashi K, Banks SA. In vivo 3-dimensional analysis of scapular kinematics: comparison of dominant and nondominant shoulders. *J Shoulder Elbow Surg* 2011;20:659-65.
53. Matsuki K, Sugaya H, Watanabe A, Toyone T, Moriishi J, Mochizuki T, Akita K, Wada Y. Infraspinatus muscle atrophy as a function of the sagittal extent of rotator cuff tears. *Orthopedics*. 2010 May 12;33(5).
54. Sugaya H. Chapter 14. Instability with Bone Loss. In Angelo, Esch, and Ryu eds., *AANA Advanced Arthroscopy: The Shoulder*. Elsevier, Philadelphia, USA, 2010: 136-146.
55. Arai R, Mochizuki T, Yamaguchi K, Sugaya H, Kobayashi M, Nakamura T, Akita K. Functional Anatomy of the Superior Glenohumeral and Coracohumeral Ligament and the Subscapularis Tendon

in View of Stabilization of the Long Head of the Biceps Tendon. *J Shoulder Elbow Surg* 2010;19:58-64.

56. Mochizuki T, Sugaya H, Uomizu M, Maeda K, Matsuki K, Sekiya I, Muneta T, Akita K. Humeral Insertion of the Supraspinatus and Infraspinatus. New Anatomical Findings Regarding the Footprint of the Rotator Cuff. Surgical Technique. *J Bone Joint Surg* 2009;91A Suppl 2 Part 1:1-7.
57. Arai R, Sugaya H, Mochizuki T, Nimura A, Moriishi J, Akita K. Subscapularis Tendon Tear: an Anatomical and Clinical Investigation. *Arthroscopy* 2008;24:997-1004..
58. Mochizuki T, Sugaya H, Uomizu M, Maeda K, Matsuki K, Sekiya I, Muneta T, Akita K. Humeral Insertion of the Supraspinatus and Infraspinatus. New Anatomical Findings Regarding the Footprint of the Rotator Cuff. *J Bone Joint Surg* 2008;90A: 962-969.
59. Sugaya H, Maeda K, Matsuki K, Moriishi J. Repair Integrity and Functional Outcome after Arthroscopic Double-row Rotator Cuff Repair: A Prospective Outcome Study. *J Bone Joint Surg* 2007; 89A: 953-960.
60. Sugaya H, Moriishi J, Kanisawa I, Tsuchiya A. Arthroscopic Osseous Bankart Repair for Chronic Traumatic Anterior Glenohumeral Instability. Surgical technique. *J Bone Joint Surg* 2006; 88A (Supplement 1 part 2):159-69.
61. Sugaya H, Maeda K, Matsuki K, Moriishi J. Functional and Structural Outcome After Arthroscopic Full-Thickness Rotator Cuff Repair: Single-Row Versus Dual-Row Fixation. *Arthroscopy*, 2005; 21(11): 1307-1316.
62. Sugaya H, Moriishi J, Kanisawa I, Tsuchiya A. Arthroscopic Osseous Bankart Repair for Chronic Recurrent Traumatic Anterior Glenohumeral Instability. *J Bone Joint Surg*. 2005; 87A: 1752-1760.
63. Saito H, Itoi E, Sugaya H, Minagawa H, Yamamoto N, Tuoheti Y. Location of the Glenoid Defect in Shoulders With Recurrent Anterior Dislocation. *Am J Sports Med*, 2005;33:889-893.
64. Kon Y, Shiozaki H, Sugaya H. Arthroscopic repair of a humeral avulsion of the glenohumeral ligament lesion. *Arthroscopy*, 2005;21(5):632.e1-632.e6.
65. Sugaya H, Kon Y, Tsuchiya A. Arthroscopic repair of glenoid fractures using suture anchors. *Arthroscopy*, 2005;21(5):635.e1-635.e5.
66. Sugaya H, Kon Y, Tsuchiya A. Arthroscopic Bankart Repair in the Beachchair Position: A Cannulaless Method Using an Intra-articular Suture Relay Technique. *Arthroscopy* 2004;20 (Suppl 2):116-120.
67. Sugaya H, Moriishi J, Dohi M, Kon Y, Tsuchiya A. Glenoid Rim Morphology in Recurrent Anterior Glenohumeral Instability. *J Bone Joint Surg Am* 2003; 85A: 878-884.
68. Mitchell K, Banks BA, Morgan DA, Sugaya H. Normal Shoulder Motions During the Golf Swing in Male Amateur Golfers. *J Orthop Sports Phys Ther* 2003; 33: 196-203.
69. Morgan DA, Sugaya H, Banks SA, et al. The influence of age on lumbar mechanics during the golf swing. *Science and Golf III: Proceedings of the 3rd World Scientific Congress of Golf*, Farrally and Cochran ed., Human Kinetics: 120-126, 1998.
70. Sugaya H, Banks SA, Morgan DA, et al. Low back injury in elite and professional golfers: an epidemiologic and radiographic study. *Science and Golf III: Proceedings of the 3rd World Scientific Congress of Golf*, Farrally and Cochran ed., Human Kinetics: 83-91, 1998.

71. Sugaya H, Tsuchiya A, Moriya H, et al. Asymmetric radiographic findings on the lumbar spine in elite and professional golfers. *Orthop Trans* 1997; 21: 312-313.
72. Sugaya H, Tsuchiya A, Moriya H, et al. Motion analysis of the trunk during the golf swing. *Jpn J Orthop Sports Med* 1996; 16: 330-337.