

# KSES 2021

28<sup>th</sup> Annual International Congress of  
Korean Shoulder and Elbow Society

March 26th (Fri) ~ 27th (Sat), 2021  
Coex Hall-E(3F)

*"Unity of Asian Perspectives"*



## CONTENTS

Welcome Message	02
Organizing Committee	03
Program at a Glance	04
Basic research committee workshop & CiSE journal workshop	06
Sawbone workshop	07
Scientific Program Day 1	08
Scientific Program Day 2	17
E-Poster	22
General Information	24
Acknowledgements	26

## WELCOME MESSAGE

We are more than pleased and honored to invite you at the 28th Annual International Congress of Korean Shoulder and Elbow Society (KSES), March 26th (Fri) ~ 27th (Sat), 2021 in Seoul. Since the congress of our society in 2020 was cancelled due to COVID-19 pandemic spread, we are eager to make our Congress in 2021 better.

In fact, this congress is firstly held as an international meeting under phrase of "Unity of Asian Perspectives".

The annual congress of KSES is a big festival for KSES members, which all Korean experts gather and share their thoughts on most hot issues regarding shoulder and elbow disorders. At this time of COVID-19 spread, we are planning the 'hybrid' form of congress. On-line presentation and participation will be encouraged as well as off-line participation, if the COVID-19 situation is not under control. The scientific committee has compiled an outstanding program which will build on and enhance the high quality of educational contents. Depending on the COVID-19 situation, many great mentors of our field from all over the world will be invited and they will share their knowledge and experience either on-line or off-line. We are sure you will not regret attending this meeting.

We promise you that we will do our best to make the congress to be worthwhile to participate.

We look forward to seeing you all on March, 2021 in COEX Seoul, Korea!!!



A handwritten signature in black ink, appearing to read 'Joo Han Oh'.

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**Joo Han Oh**

Congress President KSES 2021

# ORGANIZING COMMITTEE



## Steering Committee

Congress President	Joo Han Oh (Seoul National Univ.)
Secretary General	Sae Hoon Kim (Seoul National Univ.)
Shoulder & Elbow program chair	Jung Ho Park (Korea Univ.)

## Chair, Advisory Committee

Chair	Yong Girl Rhee (Myongji Hospital)
	Jin Young Park (Neon Orthopaedic Clinic.)
	Young Kyu Kim (Gachon Univ.)
	Kwang-Won Lee (Eulji Univ.)

## Shoulder & Elbow program

Chair	Jung Ho Park (Korea Univ.)
	Jung Woo Kim (Wonkwang Univ.)
	Kyoung-Hwan Koh (Ulsan Univ.)
	Jong Pil Yoon (Kyungpook National Univ.)

## Information Committee : preview, poster

Chair	Hyun Seok Song (Catholic Univ.)
	Doosup Kim (Wonju Yonsei Univ.)
	Tae Kang Lim (Eulji Univ.)
	Sung Hoon Moon (Madion Orthopedics)

## Financial Committee

Chair	Woong-Kyo Jeong (Korea Univ.)
	Chaegwan Kong (Catholic Univ.)
	Min Soo Shon (National Medical Center)
	Jae Hyung Lee (Cheongdam REON Orthopaedic Clinic)

## Congress of KSES Committee

Chair	Myung-Sun Kim (Chonnam National Univ.)
	Jung-Han Kim (Inje Univ.)
	Ho Min Lee (Dongguk Univ.)
	Hyo-Jin Lee (Catholic Univ.)

## Social Activity Committee

Chair	Yong Beom Lee (Hallym Univ.)
	Jung Youn Kim (Hallym Univ.)
	Jin Young Bang (Inje Univ.)
	Young-Min Noh (Dong-A Univ.)

# PROGRAM AT A GLANCE

March 26, 2021(Friday)

Room 1(Main Room, E1-4), 3F		Room 2 (Sub Room, E5-6), 3F	
07:30	08:00	Registration	
08:00	08:40	Free Papers 1.	Free Papers 2.
08:40	09:20	Free Papers 3.	Free Papers 4.
09:20	09:25	Opening ceremony	
09:25	09:35	Signing ceremony of Memorandum of Understanding (MOU) between KSES (Korean Shoulder and Elbow Society) and Orthopaedic Biomechanics Laboratory (OBL)	
09:35	10:35	Symposium I. Elbow symposium	
10:35	10:50	Coffee Break	
10:50		Basic research committee workshop	Free Papers 5.
	12:10		Free Papers 6.
12:10	12:50	Symposium II. Panel discussion with experts (Sports medicine & arthroplasty)	
12:50	13:50	Luncheon symposium (Sponsored by Stryker)	
13:50		CiSE journal workshop	Free Papers 7.
	15:10		Free Papers 8.
15:10	15:50	Free Papers 9.	Free Papers 10.
15:50	16:05	Coffee Break	
16:05	16:45	Free Papers 11.	Free Papers 12.
16:45	17:25	Symposium III. Session for young surgeons: How to success for the bright future	
17:25	17:45	Korean travelling fellow report	
17:45	18:15	Special Lecture: Letter from a man who's done it from the beginning	

# PROGRAM AT A GLANCE



March 27, 2021 (Saturday)

Room 1(Main Room, E1-4), 3F			Room 2 (Sub Room, E5-6), 3F		
08:00	08:40	Free Papers 13.	08:00	08:40	Free Papers 14.
08:40	09:20	Free Papers 15.	08:40	09:20	Free Papers 16.
09:20	10:10	Plenary lectures			
10:10	10:25	Coffee Break			
10:25		Special guest lecture			
	11:45				
11:45	12:25	Symposium IV. Panel discussion with experts (trauma)			
12:25	13:30	Luncheon symposium (Sponsored by CGBio)			
13:30	14:30	Symposium V. SCR symposium			
14:30	15:30	Symposium VI. Arthroscopy symposium			
15:30	15:45	Coffee Break			
15:45	16:25	Symposium VII. Shoulder arthroplasty symposium			
16:25	17:25	Free Papers 17. Award session			
17:25	17:55	President lecture			
17:55	18:05	Best presentation award, Cheong gang award, Best academic paper award			
18:05	18:10	Closing remark			
18:10		Business meeting			

## Basic research committee workshop

Room 1(Main Room, E1-4), 3F March 26, 2021(Friday) 10:50-12:10

Chair Jin Young Jeong (Catholic Univ.), Chris Jo (Seoul National Univ.)

10:50-11:05	Past, Present and Future of OBL Thay Q. Lee Orthopaedic Biomechanics Laboratory
11:05-11:20	Continuous lab co-work Joo Han Oh Seoul National Univ.
11:20-11:35	How I worked together at the OBL Yang-Soo Kim Catholic Univ.
11:35-11:50	Animal research with rabbit: chronic rotator cuff tear model Woong-Kyo Jeong Korea Univ.
11:50-12:10	Discussion

## CiSE journal workshop

Room 1(Main Room, E1-4), 3F March 26, 2021(Friday) 13:50-15:10

Chair Young Kyu Kim (Gachon Univ.), Young Min Chun (Yonsei Univ.)

13:50-14:10	Editing and journal management as an editor William J. Mallon Editor in chief of JSES
14:10-14:20	How to write a good paper Chul-Hyun Cho Keimyung Univ.
14:20-14:30	Ethics policies related manuscript submission Joongbae Seo Dankook Univ.
14:30-14:50	Strategy for journal registration in SCOPUS Sun Huh President, Korea Council of Science Editor
14:50-15:10	Discussion

## Luncheon symposium

### Room 1(Main Room, E1-4), 3F March 26, 2021(Friday) 12:50-13:50

#### Luncheon symposium (sponsored by Stryker)

Chair Sung Jae Kim (Gangnam Yonsei-sarang Hospital), Jun-Gyu Moon (Korea Univ.)

- |             |  |
|-------------|--|
| 12:50-13:05 | Iconix anchor and Cobra suture instrument - Stryker<br>Bong Gun Lee Hanyang Univ.  |
| 13:05-13:20 | Big surgeon doesn't matter with equipment, but we can do better with Stryker<br>Seong Hun Kim National Health Insurance Service Ilsan Hospital |

### Room 1(Main Room, E1-4), 3F March 27, 2021 (Saturday) 12:25-13:30

#### Luncheon symposium (sponsored by CGBio)

Chair Suk Kee Tae (TK Orthopaedic Clinic), Hyun Seok Song (Catholic Univ.)

- |             |  |
|-------------|--|
| 12:25-12:40 | Superior capsular reconstruction using a 4–5 mm acellular dermal allograft combined with remaining rotator cuff tendon augmentation<br>Sang-Jin Shin Ewha Womans Univ. |
| 12:40-12:55 | Mediclore effect on rotator cuff repair<br>Sae Hoon Kim Seoul National Univ.   |

## Sawbone workshop

### Room E7, 3F March 26, 2021(Friday)

- |             |                |   |
|-------------|----------------|---|
| 13:35-13:50 | Smith & Nephew | All around shoulder<br>TBD  |
| 15:50-16:05 | ZimmerBiomet   | Comprehensive reverse shoulder with mini humeral tray<br>Myung-Sun Kim Chonnam National Univ. |

### Room E7, 3F March 27, 2021 (Saturday)

- |             |                    |   |
|-------------|--------------------|---|
| 10:10-10:25 | Conmed<br>Linvatec | Rotator cuff repair: Medial Y-knot PRO & Lateral PopLok<br>Yong Beom Lee Hallym Univ. |
| 13:15-13:30 | Arthrex            | All-round player - SwiveLock<br>Doosup Kim Wonju Yonsei Univ.                         |
| 15:30-15:45 | Stryker            | Innovation of instability surgery - Iconix<br>Yon-Sik Yoo Camp 9 Orthopaedic Clinic   |



# SCIENTIFIC PROGRAM DAY 1

March 26, 2021(Friday) | Room 1(Main Room, E1-4), 3F

07:30-08:00		Registration
08:00-08:40		<b>Free Papers 1. Rotator cuff (1)</b>
	Chair	Jong-Hun Ji (Catholic Univ.), Min Soo Shon (National Medical Center)
08:00-08:05	F-0138	Effectiveness of high physical activity after rotator cuff repair <u>Suk-Hwan Jang</u> , Moon-Young Choi, Doo-Hwan Kong, Jin-Seong Kim, Pei Wei Wang Inje Univ.
08:05-08:15	F-0122	Preoperative rotator muscle strength ratio predicts shoulder function in patients after rotator cuff repair <u>Sangmin Lee</u> , Jae Chul Yoo Sungkyunkwan Univ.
08:15-08:15	F-0112	Comparison of clinical outcomes and tissue strain & color intensity using sono-elastogram according to tear size after arthroscopic rotator cuff repair <u>Sang-Uk Lee</u> , Chong-Bin Kim Catholic Univ.
08:15-08:20	F-0088	Significance of the acromiohumeral distance on stress radiography for predicting healing and function after arthroscopic repair of massive rotator cuff tears <u>Young Dae Jeon</u> <sup>1</sup> , Ji Young Yoon <sup>2</sup> , Hyeon Jang Jeong <sup>3</sup> , Joo Han Oh <sup>3</sup> Ulsan Univ. <sup>1</sup> , National Police Hospital <sup>2</sup> , Seoul National Univ. <sup>3</sup>
08:20-08:25	F-0086	The usefulness of postoperative serial sonoelastography in patients with rotator cuff tear: strength and neuromuscular control ability <u>Woong-Kyo Jeong</u> , Jeonghun Choi, Geunwoo Park, Jinhyuck Lee, Wonjik Juh Korea Univ.
08:25-08:40		Discussion
08:40-09:20		<b>Free Papers 3. Basic (1)</b>
	Chair	Hyun Seok Song(Catholic Univ.), Doosup Kim (Wonju Yonsei Univ.)
08:40-08:45	F-0069	The direct effect of nanofiber-based vitamin D sheet engineered with 3D printing for tendon-to-bone healing and muscle regeneration after repair in a chronic rotator cuff tear model of rabbit <u>Sung-Min Rhee</u> <sup>1</sup> , Gun Woo Nam <sup>2</sup> , Joo Hyun Park <sup>3</sup> , Hyeon Jang Jeong <sup>2</sup> , Suk-Hee Park <sup>4</sup> , Joo Han Oh <sup>2</sup> Kyunghee Univ. <sup>1</sup> , Seoul National Univ. <sup>2</sup> , Bundang Jesaeng Hospital <sup>3</sup> , Pusan National Univ. <sup>4</sup>
08:45-08:50	F-0136	Interpositioned stem cell sheet is better than overlaid stem cell in healing of rotator cuff repair in rat <u>Jae Hee Choi</u> , Seungcheol Kang, Hyojune Kim, Euisop Lee, Yu Na Lee, In Kyong Shim, Kyoung Hwan Koh Ulsan Univ.
08:50-08:55	F-0055	Biomechanical characteristics of the tape-type suture compared with the conventional suture in various arthroscopic knot techniques. <u>Samuel Baek</u> <sup>1</sup> , Tae Min Kim <sup>2</sup> , Myung Ho Shin <sup>2</sup> , Kyung-Soo Oh <sup>2</sup> , Seok Won Chung <sup>2</sup> Seoul Red Cross Hospital <sup>1</sup> , Konkuk Univ. <sup>2</sup>
08:55-09:00	F-0099	Imbalanced loss integrated deep learning-based ultrasound image analysis for diagnosis of rotator cuff tear <u>Jun-Young Kim</u> <sup>1</sup> , Kyungsu Lee <sup>2</sup> , Moonhwan Lee <sup>2</sup> , Jae Youn Hwang <sup>2</sup> , Chang-Hyuk Choi <sup>1</sup> Daegu Catholic Univ. <sup>1</sup> , Daegu Gyeongbuk Institute of Science and Technology <sup>2</sup>
09:00-09:05	F-0118	Biomechanical evaluation of a modified proximal humeral locking plate application for distal extra-articular diaphyseal humeral fractures <u>Joon-Ryul Lim</u> , Tae-Hwan Yoon, Yong-Min Chun Yonsei Univ.
09:05-09:20		Discussion

# SCIENTIFIC PROGRAM DAY 1

March 26, 2021(Friday) | Room 1(Main Room, E1-4), 3F

09:20-09:25	Opening ceremony President
09:25-09:35	Signing ceremony of Memorandum of Understanding (MOU) between KSES (Korean Shoulder and Elbow Society) and Orthopaedic Biomechanics Laboratory (OBL)
09:35-10:35	<b>Symposium I. Elbow symposium</b>
	Chair Min Jong Park (Sungkyunkwan Univ.), Myung-Sun Kim (Chonnam National Univ.)
09:35-09:45	Acute elbow dislocation In-Ho Jeon Ulsan Univ.
09:45-09:55	Chronic change of neglected posteromedial rotatory instability of the elbow Jun-Gyu Moon Korea Univ.
09:55-10:05	Coronoid fracture and terrible triad Jung Woo Kim Wonkwang Univ.
10:05-10:15	Unstable stiff elbow Min Jong Park Sungkyunkwan Univ.
10:15-10:35	Discussion
10:35-10:50	<i>Coffee Break</i>
10:50-12:10	<b>Basic research committee workshop</b>
	Chair Jin Young Jeong (Catholic Univ.), Chris Jo (Seoul National Univ.)
10:50-11:05	Past, Present and Future of OBL Thay Q. Lee Orthopaedic Biomechanics Laboratory
11:05-11:20	Continuous lab co-work Joo Han Oh Seoul National Univ.
11:20-11:35	How I worked together at the OBL Yang-Soo Kim Catholic Univ.
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11:50-12:10	Discussion

# SCIENTIFIC PROGRAM DAY 1

March 26, 2021(Friday) | Room 1(Main Room, E1-4), 3F

12:10-12:50

## Symposium II. Panel discussion with experts (sports medicine & arthroplasty)

12:10-12:30

Chair Sports medicine  
Jin-Young Park (Neon Orthopaedic Clinic)

Panel: Ashish Gupta, James E Tibone, Peter Yau, Patrick Yung, James Chung Hui Tan

12:30-12:50

Chair Arthroplasty  
Chang Hyuk Choi (Daegu Catholic Univ.)

Panel: Jin Young Jeong, Jong-Hun Ji, Bancha Chernchujit, Tomoyuki Mochizuki, Hiroyuki Sugaya

12:50-13:50

## Luncheon symposium (Sponsored by Stryker)

Chair Sung Jae Kim (Gangnam Yonsei-sarang Hospital), Jun-Gyu Moon (Korea Univ.)

12:50-13:05

Iconix anchor and Cobra suture instrument - Stryker  
Bong Gun Lee Hanyang Univ.

13:05-13:20

Big surgeon doesn't matter with equipment, but we can do better with Stryker  
Seong Hun Kim National Health Insurance Service Ilsan Hospital

13:50-15:10

## CiSE Journal workshop

Chair Young Kyu Kim (Gachon Univ.), Yong Min Chun(Yonsei Univ.)

13:50-14:10

Editing and journal management as an editor  
William J. Mallon Editor in chief of JSES

14:10-14:20

How to write a good paper  
Chul-Hyun Cho Keimyung Univ.

14:20-14:30

Ethics policies related manuscript submission  
Joongbae Seo Dankook Univ.

14:30-14:50

Strategy for journal registration in SCOPUS  
Sun Huh President, Korea Council of Science Editor

14:50-15:10

Discussion

# SCIENTIFIC PROGRAM DAY 1

March 26, 2021(Friday) | Room 1(Main Room, E1-4), 3F

15:10-15:50	<b>Free Papers 9. Arthroplasty (2)</b>	
	Chair	Tae Soo Park (Hanyang Univ.), Jong Pil Yoon (Kyungpook National Univ.)
15:10-15:15	F-0140	Patient specific instrument of reverse total shoulder arthroplasty using CT arthrography <u>Junsung Won</u> VHS Medical Center
15:15-15:20	F-0117	Short-term outcomes of shoulder arthroplasty using stemless humeral component: Minimum 1 year's follow-up study <u>Jun-Young Kim</u> , Cheolhwan Ryu, Daewon Kang, Chang-Hyuk Choi Daegu Catholic Univ.
15:20-15:25	F-0110	Can the convertible glenoid component replace the cemented polyethylene glenoid components in anatomical total shoulder arthroplasty (aTSA)? - Preliminary clinical and radiological outcomes - <u>Gunwoo Nam</u> <sup>1</sup> , Myeong Gon Jeong <sup>2</sup> , Myung-Sun Kim <sup>3</sup> , Jae Chul Yoo <sup>4</sup> , Sang jin Shin <sup>5</sup> , Joo Han Oh <sup>2</sup> Jounachim Hospital <sup>1</sup> , Seoul National Univ. <sup>2</sup> , Chonnam National Univ. <sup>3</sup> , Sungkyunkwan Univ. <sup>4</sup> , Department of Orthopaedic Surgery, Ewha Womans Univ. <sup>5</sup>
15:25-15:30	F-0084	Reverse shoulder arthroplasty with anterior latissimus dorsi & teres major transfer for cuff tear arthropathy patients with loss of internal rotation <u>Jung Gon Kim</u> , Chang Hee Baek, Dong Hyeon Yeosu Baek Hospital
15:30-15:35	F-0076	The effect of humeral component in reverse total shoulder arthroplasty: medialized vs lateralized humeral component <u>Yang-Soo Kim</u> , Hyung-Seok Park, Jang-Yong Moon, Chang-Kyun Park, Kyung-Ho Choi Catholic Univ.
15:35-15:50		Discussion
15:50-16:05		<i>Coffee Break</i>
16:05-16:45	<b>Free Papers 11. Basic (2): English</b>	
	Chair	Joongbae Seo (Dankook Univ.), Chul-Hyun Cho (Keimyung Univ.)
16:05-16:10	F-0107	3D Morphological classification and analysis of the suprascapular notch in patients with rotator cuff tears <u>Jung Youn Kim</u> , Kyu-Cheol Noh Hallym Univ.
16:10-16:15	F-0021	Analysis of scapular dyskinesis using low-dose 3D wing CT in patients with clavicle fracture treated by anatomical plate versus non-anatomical plate <u>Jung-Taek Hwang</u> Hallym Univ.
16:15-16:20	F-0143	Comparison of rotator cuff characteristics in diabetic and non-diabetic rat models <u>Jong Pil Yoon</u> , Dong Hyun Kim, Hun-Min Kim, Jin-Hyun Choi Kyungpook National Univ.
16:20-16:25	F-0120	Comparison of the efficacy of allogenic dermal fibroblasts and platelet-rich plasma for repaired tendon-to-bone healing in a rabbit model of chronic rotator cuff tear <u>Sung-Min Rhee</u> <sup>1</sup> , Yun Hee Kim <sup>2</sup> , Joo Hyun Park <sup>3</sup> , Hyun Jang Jeong <sup>4</sup> , Jikhyon Han <sup>2</sup> , Saewha Jeon <sup>2</sup> , Joo Han Oh <sup>4</sup> Kyunghee Univ. <sup>1</sup> , Tegoscience <sup>2</sup> , Bundang Jesaeng Hospital <sup>3</sup> , Seoul National Univ. <sup>4</sup>
16:25-16:30	F-0144	Regulation of apoptosis and autophagy induced by torn rotator cuff using glycogen synthase kinase-3 $\beta$ inhibitor <u>Hyo-Jin Lee</u> , Yang-Soo Kim, Jong-Ho Kim Catholic Univ.
16:30-16:45		Discussion

# SCIENTIFIC PROGRAM DAY 1

March 26, 2021(Friday) | Room 1(Main Room, E1-4), 3F

16:45-17:45

## Symposium III. Session for young surgeons: How to success for the bright future

Chair Sangjin Cheon (Pusan National Univ.), Sang-Jin Shin (Ewha Womans Univ.)

16:45-16:52

How to survive in your training  
Sung-Min Rhee Kyunghee Univ.

16:52-16:59

How to survive after your training  
Jae Hyung Lee Cheongdam REON Orthopaedic Clinic

16:59-17:06

Things we can do as an orthopaedic surgeon  
Sang jin Lee Seoul Barun Hospital

17:06-17:13

How to take funding for research (a piece of cake?)  
Joo Han Oh Seoul National Univ.

17:13-17:25

Discussion

17:25-17:45

## Korean travelling fellow report

Secretary General Sae Hoon Kim

17:45-18:15

## Special lecture

Chair Kwang Jin Rhee (Barunmind Hospital)

Letter from a man who's done it from the beginning  
Yong Gil Rhee Myongji Hospital

# SCIENTIFIC PROGRAM DAY 1

March 26, 2021(Friday) | Room 2 (Sub Room, E5-6), 3F

08:00-08:40

## Free Papers 2. Arthroplasty (1): English

Chair Jae Kwang Yum (Inje Univ.), Chaegwan Kong (Catholic Univ.)

08:00-08:05

F-0145

Comparison of outcomes after reverse shoulder arthroplasty in patients with rheumatoid arthritis and cuff tear arthropathy

Young-Hoon Jo, Sung Hoon Choi, Il-Han Joo, Sihoon Choi, Soo-Young Jung, Bong Gun Lee Hanyang Univ.

08:05-08:10

F-0113

Comparative study between glenoid versus humerus lateralization design in the reverse total shoulder arthroplasty: which lateralization design is better?

Jae-Hoon Kim, Jong-Hun Ji, Young-Hoon Kang Catholic Univ.

08:10-08:15

F-0096

Short stem versus standard long stem humeral implant for reverse shoulder arthroplasty: a systematic review and meta-analysis

Ki Chol Park, Ji Sun Hwang, Tae Kang Lim Eulji Univ.

08:15-08:20

F-0048

Does medialization of glenoid bone-baseplate interface caused by eccentric reaming influence outcomes of reverse shoulder arthroplasty?

Prashant Meshram, Stephen Weber, Jorge Rojas, Jacob Joseph, Uma Srikumaran, Edward McFarland Johns Hopkins Univ.

08:20-08:25

F-0134

Humeral stem with small filling-ratio can reduce stress shielding in reverse total shoulder arthroplasty: A retrospective cohort study

Su Cheol Kim, Jong Hoon Park, Hashem Bukhary, Jae Chul Yoo Sungkyunkwan Univ.

08:25-08:40

Discussion

08:40-09:20

## Free Papers 4. Rotator cuff tear (2): English

Chair Jun-Gyu Moon (Korea Univ.), Jung-Han Kim (Inje Univ.)

08:40-08:45

F-0008

Do pre-op corticosteroid injections increase infections, re-ruptures and revisions in primary RCR?

Kevin Plancher<sup>1</sup>, Stephanie Petterson<sup>2</sup>  
Plancher Orthopaedics & Sports Medicine<sup>1</sup>, Orthopaedic Research, Orthopaedic Foundation<sup>2</sup>

08:45-08:50

F-0013

Incarceration of the long head of the biceps tendon: a case series

Chih-Hao Chiu Chang Gung Memorial Hospital

08:50-08:55

F-0053

Does the correction of a pathologic CSA > 35° influence tendon healing after arthroscopic RC repair?

Sven Lichtenberg, Christoph Lücke, Marc Schnetzke, Markus Loew Deutsches Gelenkzentrum

08:55-09:00

F-0101

Are any radiologic parameters independently associated with degenerative PSRCT - significance of critical shoulder angle

Hyung Bin Park, Ji-Yong Gwark Gyeongsang National Univ.

09:00-09:05

F-0003

Incidence and risk factors for early postoperative stiffness after arthroscopic rotator cuff repair in patients without preoperative stiffness

Du-Han Kim, Chul-Hyun Cho Keimyung Univ.

09:05-09:20

Discussion

# SCIENTIFIC PROGRAM DAY 1

March 26, 2021(Friday) | Room 2 (Sub Room, E5-6), 3F

10:50-11:30

## Free Papers 5. Trauma

Chair Soo Tai Chung (Seongnam Citizens Medical Center), Woong-Kyo Jeong (Korea Univ.)

10:50-10:55 F-0123 Outcomes of fixation using locking pate and fibular head strut allograft for comminuted proximal humeral fractures

Jin-Young Bang, YongMin Seo Inje Univ.

10:55-11:00 F-0042 Clinical outcomes of low-profile plate fixation using a modified anterolateral approach with release of the supinator fascia in comminuted radial head fractures

Ho-Jung Kang<sup>2</sup>, Yun-Rak Choi<sup>2</sup>, Il-Hyun Ko<sup>2</sup>, Hyoung-Sik Kim<sup>2</sup>, Jin-Chul Oh<sup>1</sup> Catholic Kwandong Univ.<sup>1</sup>, Yonsei Univ.<sup>2</sup>

11:00-11:05 F-0068 Clinical and radiologic results of locking plate with medial support screw in proximal humerus fracture

Jeong-Hun Hyun, Seong-hwan Woo, Seung-Won Choi, Myung-Sun Kim Chonnam National Univ.

11:05-11:10 F-0051 Operative treatment of displaced inferior or posterior glenoid fossa fractures by a modified subdeltoid approach

Ho-Seung Jeong Chungbuk National Univ.

11:10-11:15 F-0087 Complications of hook plating in shoulder trauma: What is most common complication?

Yoonsuk Hyun, Junhyuk Jang, Donghyun Kim, Byeol Ma Hallym Univ

11:15-11:30 Discussion

11:30-12:10

## Free Papers 6. Miscellaneous (1): English

Chair Eugene Kim (Sungkyunkwan Univ.), Dong Ju Shin (Daegu Fatima Hospital)

11:30-11:35 F-0002 Effects of a thermosensitive antiadhesive agent on single-row arthroscopic rotator cuff repair

Jangwoo Kim<sup>1</sup>, Sae Hoon Kim<sup>2</sup> Seoul Red Cross Hospital<sup>1</sup>, Seoul National Univ.<sup>2</sup>

11:35-11:40 F-0137 Comparison between two different plating systems in extra-articular distal-third diaphyseal humeral fractures

Hoon Sang Sohn<sup>1</sup>, Sang-Jin Shin<sup>2</sup>, Ji Woong Kwak<sup>1</sup> Yonsei Univ.<sup>1</sup>, Ewha Womans Univ.<sup>2</sup>

11:40-11:45 F-0012 Why locking plates for the proximal humerus do not fit well

Hyungsuk Kim, Hyun Seok Song Catholic Univ.

11:45-11:50 F-0111 Association between high-sensitivity C-reactive protein and idiopathic adhesive capsulitis

Ji-Yong Gwark, Hyung Bin Park Gyeongsang National Univ.

11:50-11:55 F-0038 Can metal artifact reduction sequence magnetic resonance imaging (MARS-MRI) help in the diagnosis of periprosthetic shoulder infection? A prospective blinded trial

Prashant Meshram<sup>1</sup>, Stephen Weber<sup>1</sup>, Edward McFarland<sup>1</sup>, Jacob Joseph<sup>1</sup>, Benjamin Fritz<sup>2</sup>, Uma Srikumaran<sup>1</sup>, Jan Fritz<sup>1</sup> Johns Hopkins Univ.<sup>1</sup>, Balgrist University Hospital<sup>2</sup>

11:55-12:10 Discussion

# SCIENTIFIC PROGRAM DAY 1

March 26, 2021(Friday) | Room 2 (Sub Room, E5-6), 3F

13:50-14:30	<b>Free Papers 7. Rotator cuff (3)</b>	
	Chair	In Hyeok Rhyou (Pohang Semyeong Christianity Hospital), Seungyong Sung (Catholic Kwandong Univ.)
13:50-13:55	F-0064	Sugaya type III tendon status after rotator cuff repair: Its risk factor and progression to retear <u>Tae-Kang Lim</u> , Kyu Hwan Bae, Gu Min Jeong Eulji Univ.
13:55-14:00	F-0062	Returning to golf after rotator cuff repair <u>Jinho Lee</u> , Wonyong Yoon, Jin-Young Park Neon Orthopaedic Clinic
14:00-14:05	F-0129	Shoulder outcome scoring systems have substantial ceiling effects 2 years after arthroscopic rotator cuff repair <u>Young-Hoon Jo</u> , Bong Gun Lee Hanyang Univ.
14:05-14:10	F-0105	The radiological change of scapula & humerus bone from retear in patients with repaired rotator cuff tear : with comparison between pre and post operation shoulder 3D CT <u>Jeong Woo Kim</u> , Jeong Han Kim, Young Kyoung Min Inje Univ.
14:10-14:15	F-0028	Clinical outcomes for isolated subscapularis tears with advanced fatty infiltration: nonoperative treatment versus arthroscopic single-row repair <u>Tae-Hwan Yoon</u> , Sung-Jae Kim, Yong-Min Chun Yonsei Univ.
14:15-14:30		Discussion
14:30-15:10	<b>Free Papers 8. Rotator cuff (4)</b>	
	Chair	Jae Yoon Kim (Chungang Univ.), Sung Wook Choi (Jeju National Univ.)
14:30-14:35	F-0067	Anterior cable reconstruction using the biceps tendon in retracted anterior L-shaped rotator cuff tears <u>Hyunchul Yang</u> , Inwoo Kim, Min-Su Kim, Sanghyeon Lee, Sang-Jin Shin Ewha Womans Univ.
14:35-14:40	F-0102	Arthroscopic superior capsular reconstruction using an achilles tendon-bone allograft: clinical and radiologic outcomes after minimum 1-year follow-up <u>Min Su Joo</u> , Jeong Woo Kim Wonkwang Univ.
14:40-14:45	F-0106	Clinical and radiologic outcomes of arthroscopic superior capsule reconstruction with tensor fascia lata allograft for irreparable rotator cuff tears <u>Kyu-Hak Jung</u> <sup>1</sup> , Young-Kyu Kim <sup>1</sup> , Ki-Yong Choi <sup>2</sup> , Min-Kyu Shin <sup>1</sup> Gachon Univ. <sup>1</sup> , Kangwon National Univ. <sup>2</sup>
14:45-14:50	F-0081	A comparative clinical study of lower trapezius transfer and superior capsular reconstruction for posterosuperior irreparable rotator cuff tear <u>Chang Hee Baek</u> , Dong Hyun Lee, Jung Gon Kim Yeosu Baek Hospital
14:50-14:55	F-0018	Biceps rerouting for semi-rigid large-to-massive rotator cuff tears Sung-Min Rhee <sup>2</sup> , Seung-Min Youn <sup>1</sup> , Joon Hong Park <sup>2</sup> , <u>Yong Gil Rhee</u> <sup>1</sup> Myongji Hospital <sup>1</sup> , Kyunghee Univ. <sup>2</sup>
14:55-15:10		Discussion



# SCIENTIFIC PROGRAM DAY 1

March 26, 2021(Friday) | Room 2 (Sub Room, E5-6), 3F

15:10-15:50

## Free Papers 10. Elbow

Chair Jeong Woo Kim (Wonkwang Univ.), Jin Woong Yi (Konyang Univ.)

15:10-15:15

F-0089

Chronic change of neglected posteromedial rotatory instability of the elbow  
Min-Kyo Ji, Hee-Dong Lee, Jung-Sok Choi, Jun-Gyu Moon Korea Univ.

15:15-15:20

F-0047

Does the coronoid fracture without anteromedial facet involvement in terrible triad injury always need to be fixed ?

Yeong-Seub Ahn, Jee-Wook Ko, Seung-Won Choi, Myung-Sun Kim Chonnam National Univ.

15:20-15:25

F-0035

Does the injury site of the anterior capsule of elbow joint affect the flexion contracture ?

In Hyeok Rhyou, Kyung Chul Kim, Ji-ho Lee, Jung Hyun Lee, Hyeong Jin Kim, Kee Baek Ahn  
Pohang Semyeong Christianity Hospital

15:25-15:30

F-0023

LCL involvement in recalcitrant LE; MRI evaluation with arthroscopic finding

Jae-Man Kwak<sup>1</sup>, Kyoung Hwan Koh<sup>2</sup>, In-Ho Jeon<sup>2</sup> Eulji Univ.<sup>1</sup>, Ulsan Univ.<sup>2</sup>

15:30-15:35

F-0010

Efficacy and safety of Eight-Sequential-Portal method in treating elbow stiffness by elbow arthroscopy  
Zhenzhu Fang<sup>1</sup>, Yucong Wang<sup>1</sup>, Jin-Young Park<sup>2</sup> Ningbo the 9th hospital<sup>1</sup>, NEON Orthopaedic Clinic<sup>2</sup>

15:35-15:50

Discussion

15:50-16:05

*Coffee Break*

16:05-16:45

## Free Papers 12. Instability

Chair Seung-Ho Kim (Madi Hospital), Ki Young Byun (Joint Orthopaedic Clinic)

16:05-16:10

F-0128

National trends in the repair of isolated superior labral tear from anterior to posterior in Korea  
Young-Hoon Jo, Bong Gun Lee Hanyang Univ.

16:10-16:15

F-0108

Comparison of clinical outcomes for arthroscopic anterior labral repair surgery between shoulder anterior microinstability and classic anterior shoulder instability

Jae Chul Yoo, Su cheol Kim, Jong Hun Park, Hashem Bukhary Sungkyunkwan Univ.

16:15-16:20

F-0061

Ultrasound in anterior labral lesions of the shoulder : Preliminary reports

Jae-Hyung Lee<sup>1</sup>, Jin-Young Park<sup>2</sup>, Tae-Kang Lim<sup>3</sup> Cheongdam REON Orthopaedic Clinic<sup>1</sup>, NEON Orthopaedic Clinic<sup>2</sup>, Eulji Univ.<sup>3</sup>

16:20-16:25

F-0095

Multidirectional shoulder instability; clinical results of arthroscopic treatment

Jong Hun Park, Kun Tae Park, Jae Chul Yoo, Su Cheol Kim Sungkyunkwan Univ.

16:25-16:30

F-0005

Revision arthroscopic bankart repair: a systematic review of clinical outcomes

Du-Han Kim, Chul-Hyun Cho, Chang-Jin Yon Keimyung Univ.

16:30-16:45

Discussion

# SCIENTIFIC PROGRAM DAY 2 March 27, 2021 (Saturday) | Room 1(Main Room, E1-4), 3F

08:00-08:40

## Free Papers 13. Rotator cuff (5)

Chair Byung-Il Lee (Smartton Hospital), Yong Beom Lee (Hallym Univ.)

08:00-08:05

F-0075

Arthroscopic biceps rerouting technique shows better clinical outcomes than partial repair in large to massive rotator cuff tear

Yang-Soo Kim, Hyung-Seok Park, Jang-Yong Moon, Chang-Kyun Park, Kyung-Ho Choi Catholic Univ.

08:05-08:10

F-0100

Rotator cuff repair with autologous fascia lata augmentation for biologically unfavorable rotator cuff tear: a minimum two-year follow-up

Sungjoon Lim<sup>1</sup>, In-Ho Jeon<sup>2</sup>, Jae-Myeung Chun<sup>3</sup> National Police Hospital<sup>1</sup>, Ulsan Univ.<sup>2</sup>, Korean Armed Forces Capital Hospital<sup>3</sup>

08:10-08:15

F-0115

Biceps-incorporating rotator cuff repair with footprint medialization in large to massive rotator cuff tears: Mid-term outcomes of biceps-incorporating repair

Jong-Hun Ji, Young-Hun Han Catholic Univ.

08:15-08:20

F-0056

Factors related to symptomatic failed rotator cuff repair leading to revision surgeries after primary arthroscopic surgery

Sanghyeon Lee, In Park, Min-Su Kim, In-Woo Kim, Sang-Jin Shin Ewha Womans Univ.

08:20-08:25

F-0074

The effect of the bone marrow aspirate concentrate on arthroscopic rotator cuff repair

Hyong Suk Kim, Tae Yon Rhie, Ki Woong Lee, In Woong Park Nalgae Hospital

08:25-08:40

Discussion

08:40-09:20

## Free Papers 15. Rotator cuff (6): English

Chair Chang Hyuk Choi (Daegu Catholic Univ.), Bonggun Lee (Hanyang Univ.)

08:40-08:45

F-0147

Functional and radiographic outcomes after arthroscopic trans-osseous multi-suture (TOMS) repair with cortical augmentation of 2-4cm sized rotator cuff tears

Kyu Cheol Noh, Jung Youn Kim, Ho Won Lee Hallym Univ.

08:45-08:50

F-0043

Does allogeneous dermal scaffold augmentation improve rotator cuff healing and clinical outcomes in large to massive rotator cuff tear? Clinical and radiologic comparison with partial repair

Seung Jin Yoo, Sungwook Choi, Hyunseong Kang Jeju National Univ.

08:50-08:55

F-0009

Good functional outcomes and satisfaction in patients with comorbidities after rotator cuff repair with the bovine bioinductive patch

Kevin Plancher<sup>1</sup>, Stephanie Petterson<sup>2</sup> Plancher Orthopaedics & Sports Medicine<sup>1</sup>, Orthopaedic Foundation<sup>2</sup>

08:55-09:00

F-0007

Long-term outcomes after arthroscopic rotator cuff repair - Mean 8.7 years follow-up -

Hyeon Jang Jeong<sup>1</sup>, Gyeong Pyo Nam<sup>2</sup>, Sang Woo Kim<sup>1</sup>, Myeong Gon Jeong<sup>1</sup>, Jian Han<sup>1</sup>, Bei Liu<sup>1</sup>, Joo Han Oh<sup>1</sup> Seoul National Univ.<sup>1</sup>, Yeson Hospital<sup>2</sup>

09:00-09:05

F-0131

Comparison of repair integrity and functional outcomes between knot-tying and knotless suture-bridge arthroscopic rotator cuff repair: a prospective randomized clinical trial

Koray Sahin<sup>1</sup>, Fatih Senturk<sup>2</sup>, Mehmet Ersin<sup>3</sup>, Mehmet Chodza<sup>4</sup>, Ufuk Arzu<sup>4</sup>, Ali Ersen<sup>2</sup> Buyukcekmece Mimar Sinan State Hospital<sup>1</sup>, Istanbul Univ<sup>2</sup>, Haseki Education and Research Hospital<sup>3</sup>, VKV American Hospital<sup>4</sup>

09:05-09:20

Discussion

# SCIENTIFIC PROGRAM DAY 2

March 27, 2021 (Saturday) | Room 1(Main Room, E1-4), 3F

09:20-10:10

## Plenary lectures

Chair Kwang Jin Rhee (Barunmind Hospital), Joo Han Oh (Seoul National Univ.)

09:20-09:45

TBD

Anthony A. Romeo 2018 American Shoulder and Elbow Society President

09:45-10:10

Peripheral nerve palsy in the shoulder region

Hiroyasu Ikegami President of Japan Shoulder Society (Toho Univ.)

10:10-10:25

*Coffee Break*

10:25-11:45

## Special guest lectures

Chair Yong Grl Rhee (Myongji Hospital), Yang-Soo Kim (Catholic Univ.)

10:25-10:45

TBD

Thay Q. Lee Orthopaedic Biomechanics Laboratory

10:45-11:05

The rotator cuff: What we don't know

William J. Mallon Editor in chief of JSES

11:05-11:25

TBD

Anthony A. Romeo 2018 American Shoulder and Elbow Society President

11:25-11:45

Total elbow arthroplasty for the fractures of the elbow in elderly

Hiroyasu Ikegami President of Japan Shoulder Society (Toho Univ.)

11:45-12:25

## Symposium IV. Panel discussion with experts (trauma)

11:45-12:05

Shoulder trauma

Chair Young-Kyu Kim (Gachon Univ.)

Panel: Hyung Bin Park, Chris Hyunchul Jo, Chunyan Jiang, Yamakado Kotaro, Hyun Seok Song

12:05-12:25

Elbow trauma

Chair In-Ho Jeon (Ulsan Univ.)

Panel: Myung-Sun Kim, Chanakarn Phomphutkul, Cui Guo-qing, Chul-Hyun Cho, Woong-Kyo Jeong

12:25-13:30

## Luncheon symposium (Sponsored by CGBio)

Chair Suk Kee Tae (TK Orthopaedic Clinic), Hyun Seok Song (Catholic Univ.)

12:25-12:40

Superior capsular reconstruction using a 4–5 mm acellular dermal allograft combined with remaining rotator cuff tendon augmentation

Sang-Jin Shin Ewha Womans Univ.

12:40-12:55

Mediclore effect on rotator cuff repair

Sae Hoon Kim Seoul National Univ.

## SCIENTIFIC PROGRAM DAY 2 March 27, 2021 (Saturday) | Room 1(Main Room, E1-4), 3F

13:30-14:30

### Symposium V. SCR symposium

Chair Kwang-Won Lee (Eulji Univ.), Sang Hun Ko (Ulsan Univ.)

13:30-13:40

SCR, graft matters?  
Teruhisa Mihata Osaka Medical College

13:40-13:50

My SCR technique and clinical results  
Nobuyuki Yamamoto Wakayama Medical Univ.

13:50-14:00

All the critics for SCR  
Yong-Min Chun Yonsei Univ.

14:00-14:10

Superior capsular reconstruction: trouble shooting  
Yong Gil Rhee Myongji Hospital

14:10-14:30

Discussion

14:30-15:30

### Symposium VI. Arthroscopy symposium

Chair Hyung Bin Park (Gyeongsang National Univ.), Kyu Cheol Noh (Hallym Univ.)

14:30-14:37

Arthroscopic Latarjet procedure: to do or not to do  
Sang-Jin Shin (Mitec) Ewha Womans Univ.

14:37-14:44

Utility of open-construct suture anchor in arthroscopic rotator cuff repair  
Yang-Soo Kim (Smith & Nephew) Catholic Univ.

14:44-14:51

Why still hurts?  
Seung-Ho Kim (Stryker) Madi Hospital

14:51-14:58

Return to golf after arthroscopic rotator cuff repair  
Jin-Young Park (Ajupharm) Neon Orthopaedic Clinic

14:58-15:05

Knotless layer by layer repair for delaminated tear  
Hyun Seok Song (Arthrex) Ewha Womans Univ.

15:05-15:12

Advantages of all-suture anchor for biceps tenodesis: supra/subpectoral approach  
Jae Chul Yoo (ConMed) Sungkyunkwan Univ.

15:12-15:30

Discussion

15:30-15:45

*Coffee break*

15:45-16:25

### Symposium VII. Shoulder arthroplasty symposium

Chair Jae Kwang Yum (Inje Univ.), Jae Chul Yoo (Sungkyunkwan Univ.)

15:45-15:52

More "Anatomical" GPS computer-assisted Reverse shoulder arthroplasty  
Kyu Cheol Noh (Exactech) Hallym Univ.

15:52-15:59

Arthroplasty with bone preserving implant  
Woong-Kyo Jeong (ZimmerBiomet) Korea Univ.

15:59-16:06

K-arthroplasty: the beginning  
Joo Han Oh(Corentec) Seoul National Univ.

16:06-16:25

Discussion

# SCIENTIFIC PROGRAM DAY 2 March 27, 2021 (Saturday) | Room 1(Main Room, E1-4), 3F

16:25-17:25

## Free Papers 17. Award session

Chair Jung Ho Park (Korea Univ.), Kyoung Hwan Koh (Ulsan Univ.)

16:25-16:31

F-0027

Allogeneic Platelet-Rich Plasma versus corticosteroid injection for the treatment of rotator cuff disease: A randomized controlled trial

[Chris Jo](#), Seung Yeon Lee, Kang Sup Yoon Seoul National Univ.

16:31-16:37

F-0057

Clinical differences between patients with early and late revision surgery for symptomatic failed arthroscopic rotator cuff repair

[Sanghyeon Lee](#)<sup>1,2</sup>, In Park<sup>1</sup>, Min-Su Kim<sup>1</sup>, In-Woo Kim<sup>1</sup>, Sang-Jin Shin<sup>1</sup> Ewha Womans Univ.<sup>1</sup>, Seoul Metropolitan Seonam Hospital<sup>2</sup>

16:37-16:43

F-0146

Unhealed SCR still works and tear pattern after SCR is not simple

[Kyoung Hwan Koh](#)<sup>1</sup>, Sanghyeon Lee<sup>2</sup>, Sang-Jin Shin<sup>2</sup> Ulsan Univ.<sup>1</sup>, Ewha Womans Univ.<sup>2</sup>

16:43-16:49

F-0017

The Prognostic value of a novel magnetic resonance imaging-based classification for septic arthritis of the shoulder

Sung-Min Rhee<sup>2</sup>, Dong Ki Lee<sup>2</sup>, [Yong Gil Rhee](#)<sup>1</sup> Myongji Hospita<sup>1</sup>, Kyunghee Univ.<sup>2</sup>

16:49-16:55

F-0054

Influence of frequent corticosteroid local injection on the expression of genes and proteins related to fat infiltration, muscle atrophy, inflammation, and fibrosis in the rotator cuff muscles of patients with chronic rotator cuff tears

[Seok Won Chung](#), Ja Yeon Kim, Samuel Baek, Myung Ho Shin, Tae Min Kim Konkuk Univ.

16:55-17:01

F-0104

Effect of nanofiber-based recombinant human parathyroid hormone sheet engineered with 3D printing for tendon-to-bone healing in a chronic rotator cuff tear model of rabbit

[Jian Han](#) Yanbian Univ.

17:01-17:25

Discussion

17:25-17:55

## President lecture: Joo Han Oh

Chair Yon-Sik Yoo (Camp 9 Orthopaedic Clinic)

17:55-18:05

Best presentation award, cheong gang award, best academic paper award

Chairman of Scientific Committee Jung Ho Park

18:05-18:10

Closing remark

President Joo Han Oh

18:10-

Business meeting

Secretary General Sae Hoon Kim

# SCIENTIFIC PROGRAM DAY 2

March 27, 2021 (Saturday) | Room 2 (Sub Room, E5-6), 3F

08:00-08:40

## Free Papers 14. Arthroplasty (3): English

Chair Jung Man Kim (Asan Chung-moo Hospital), Young Min Noh (Dong-A Univ.)

08:00-08:05

F-0045

Reverse shoulder arthroplasty without bone-grafting for severe glenoid bone loss in patients with osteoarthritis and intact rotator cuff: concise follow up at minimum of five years, of previous report  
[Prashant Meshram](#), Stephen Weber, Jorge Rojas, Jacob Joseph, Uma Srikumaran, Edward McFarland  
Johns Hopkins Univ.

08:05-08:10

F-0040

Incidence and risk factors of acromial fracture following reverse total shoulder arthroplasty  
[Chul-Hyun Cho](#)<sup>1</sup>, Du-Han Kim<sup>1</sup>, Yong Gil Rhee<sup>6</sup>, Jae Chul Yoo<sup>3</sup>, Jong Hun Ji<sup>4</sup>, Doo-Sup Kim<sup>5</sup>, Yang-Soo Kim<sup>4</sup>, Sung-Min Rhee<sup>2</sup>  
Keimyung Univ.<sup>1</sup>, Kyunghee Univ.<sup>2</sup>, Sungkyunkwan Univ.<sup>3</sup>, Catholic Univ.<sup>4</sup>, Yonsei Univ.<sup>5</sup>, Myongji Hospital<sup>6</sup>

08:10-08:15

F-0132

How accurate is the implantation of the preoperatively planned individualized humeral component retroversion with a rotational guide to the forearm axis in reverse total shoulder arthroplasty?  
[Kang Heo](#)<sup>1</sup>, Hyeon Jang Jeong<sup>2</sup>, Joo Han Oh<sup>2</sup>, Luan Khoi Tran<sup>3</sup>  
Chambaro Hospital<sup>1</sup>, Seoul National Univ.<sup>2</sup>, Military Hospital 175<sup>3</sup>

08:15-08:20

F-0094

Clinical and radiologic results of glenoid bone grafting for reverse total shoulder arthroplasty with glenoid bony defect at midterm follow-up  
Young-Kyu Kim, [Kyu-Hak Jung](#), Yong-Chan Kim Gachon Univ.

08:20-08:25

F-0059

Clinical impact of glenoid baseplate screw penetrations in reverse total shoulder arthroplasty  
[Young Hoon Jang](#), Sae Hoon Kim Seoul National Univ.

08:25-08:40

Discussion

08:40-09:20

## Free Papers 16. Miscellaneous (2)

Chair Suk Kee Tae (TK Orthopaedic Clinic), Young Lae Moon (YM Orthopaedic Hospital)

08:40-08:45

F-0032

MRI as a key predictor in recurrence of septic shoulder  
[Suk-Woong Kang](#), Chankue Park, Min Hyeok Choi Pusan National Univ.

08:45-08:50

F-0029

Relation of lateral screw's diameter to pull-out strength in distal clavicle fracture:  
A cadaveric biomechanical study  
[Tae-Hwan Yoon](#), Sung-Jae Kim, Yong-Min Chum Yonsei Univ.

08:50-08:55

F-0031

Estimation of the optimal fibular graft angle for proximal humerus fractures using finite element analysis  
Jin Woong Yi, [Hyun Jae Cha](#) Konyang Univ.

08:55-09:00

F-0006

Prevalence and clinical impact of acromial osteolysis after acromioplasty during rotator cuff repair  
[Seungyeol Oh](#), Sae Hoon Kim Seoul National Univ.

09:00-09:05

F-0030

Postoperative pain control after arthroscopic rotator cuff repair : Arthroscopy-guided continuous suprascapular nerve block (AS-SSNB) versus Ultrasound-guided continuous inter-scalene block (US-ISB)  
[Hyojune Kim](#)<sup>1</sup>, Euisop Lee<sup>2</sup>, In-Ho Jeon<sup>2</sup>, Kyoung Hwan Koh<sup>2</sup> Eulji Univ.<sup>1</sup>, Ulsan Univ.<sup>2</sup>

09:05-09:20

Discussion

## E-POSTER

1	F-0011	Optimal insertion site of glenoid baseplate in reverse total shoulder arthroplasty - Anatomical simulation using 3D image processing software -	Hyeon Jang Jeong Seoul National Univ.
2	F-0034	Revision rotator cuff repair versus primary repair for large to massive tears involving posterosuperior cuff: Comparison of clinical and radiological outcomes	Prashant Meshram Johns Hopkins Univ.
3	F-0036	Lateralized glenosphere reverse shoulder arthroplasty: Inlay and Onlay designs have similar clinical outcomes in patients with glenohumeral osteoarthritis and glenoid bone loss	Prashant Meshram Johns Hopkins Univ.
4	F-0044	Trends in the most cited articles in shoulder surgery, 1900 - 2019	Prashant Meshram Johns Hopkins Univ.
5	F-0046	Reverse shoulder arthroplasty: Trends in the incidence, indications and complications as reported by ABOS part ii oral examination candidates from 2005 through 2017	Prashant Meshram Johns Hopkins Univ.
6	F-0049	Proximal humerus comminuted fracture treated by using proximal fibular strut allograft containing head as an adjunct to locking compression plate fixation - A case report	Jee-Wook Ko Chonnam National Univ.
7	F-0050	Rapid destructive arthropathy of humeral head after steroid injection into the glenohumeral joint: A case report	Zin-Ouk Hwang Catholic Univ.
8	F-0060	A new triple-row suture-bridge technique for arthroscopic patch augmentation of massive rotator cuff repair: Surgical technique	Hyong Suk Kim Nalgae Hospital
9	F-0073	Rotator cuff tendon healing using human dermal fibroblasts in place of human tenocytes:	Sung-Min Rhee Kyunghee Univ. Hospital
10	F-0079	A clinical comparative study of arthroscopic assisted latissimus dorsi transfer versus lower trapezius transfer for posterosuperior irreparable rotator cuff tear	Chang Hee Baek Yeosu Baek Hospital
11	F-0080	Outcomes of superior capsular reconstruction based on graft thickness for irreparable massive rotator cuff tears after 2-year follow up	Chang Hee Baek Yeosu Baek Hospital

## E-POSTER



12	F-0082	Rapidly progressive destructive arthrosis of the glenohumeral joints - 12 cases report study -	Jong-Hun Ji Catholic Univ.
13	F-0085	Independent effect of diabetes mellitus on development of rotator cuff disease: A longitudinal population-based study	Jieun Kwon Ewha Womans Univ.
14	F-0091	Comparison of combined suprascapular and axillary and articular branch of the lateral pectoral nerve block with interscalene nerve block for pain control after arthroscopic rotator cuff repair	Sang Hun Ko Ulsan Univ.
15	F-0092	Long-term outcomes of acute acromioclavicular joint dislocations - Comparison of hook plate fixation and tight rope fixation -	Young Dae Jeon Ulsan Univ.
16	F-0116	Comparison between arthroscopic suture anchor fixation and open plate fixation in the greater tuberosity fracture of the proximal humerus	Jae-Hoon Kim Catholic Univ.
17	F-0119	The effects of hyaluronic acid on the proliferation of human dermal fibroblasts and their effects on tendon-to-bone healing in a rabbit model of a chronic rotator cuff tear	Sung-Min Rhee Kyunghee Univ.
18	F-0127	Release of elbow flexion contracture in total body involved cerebral palsy	Sheung Tung Ho Caritas Medical Center
19	F-0133	The safety and efficacy of autologous dermal fibroblasts injection for the treatment of full-thickness rotator cuff tear: A phase 1 clinical trial	Ji Young Yoon National Police Hospital
20	F-0139	Glenoid baseplate loosening due to screws breakage after RTSA - A case report -	Wooseung Lee VHS (Veterans Health Service) Medical Center
21	F-0142	A systematic review comparing outcomes of spinal accessory-to-suprascapular nerve transfer in neonatal brachial plexus injury	Jong Pil Yoon Kyungpook National Univ.



# GENERAL INFORMATION

## Registration Guideline

Registration is required in order to participate in the 28th Annual International Congress of Korean Shoulder and Elbow Society. We kindly request you to complete your registration by **March 25, 2021**.

After the completion of your registration, a confirmation e-mail with all registration details will be sent to you. If you do not receive the confirmation e-mail within two weeks of your submission, please contact the Registration Office.

## Registration Fees

Registrant Category	Before March 25, 2021	On Site
Participant (KSES member)	USD 0 / KRW 120,000	USD 0 / KRW 140,000
Participant (Non-member)	USD 0 / KRW 160,000	USD 0 / KRW 180,000
Surgeons in Training, Student	USD 0 / KRW 60,000	USD 0 / KRW 70,000
Therapist & Nurse	USD 0 / KRW 60,000	USD 0 / KRW 70,000

\*Participant: Doctor, PhD, Clinical and Research Fellow

\*Surgeon in Training: Resident, Intern

## Notes

Pre-registered participants who do not complete payment in advance must pay the on-site registration fee.

All participants are required to bring a form of identification for registration.

Surgeons in Training, Therapist, Students and Nurses are required to bring a printed copy of their ID or qualification certificates for registration (Copies cannot be made on-site.)

Please note that registration fees do not cover accommodation, social programs or optional tours.

Participants are required to purchase additional tickets in order to participate in the social programs (President dinner).

# SPEAKER INFORMATION

## Preview Presentation Content On-site

- Please visit the preview room at least 1 hour before your session and check your presentation file for a smooth progress. You are able to review your presentation file before uploading to the system at the preview room. After you have finished reviewing and/or making changes to your presentation, you must notify an A/V technician so that they can review and upload your files onto the PCs connected to each session room.
- Invited Speakers and Free Paper Presenters visit preview room at Preview Room 3F, COEX E Hall.

## Opening Hours of Preview Room

- March 26th (Fri) 07:30 to 18:00
- March 27th (Sat) 07:30 to 18:00

## Guidelines for Poster Preparations

- The official language for Poster is English.
- The monitors displaying the presentations will be widescreen 16:9 [vertical rectangle] format. Poster should be readable by viewers 1-2 meter away.
- The message should be clear and understandable without oral explanation.
- Poster should possess a clear and concise title with a presenter, co-authors, and institutional affiliations.
- Graphs and diagrams often convey a lot more than just words, as long as they are clear and simple.
- The use of color can greatly enhance your presentation.