

Long-term results of joint replacement

Annual Meeting of the German-Japanese Association

OR22 **Salon Koch**
Orthopaedics & Traumatology International **23.10.2009** **09:30 - 11:00**

Vorsitz Christoph Josten

Vorsitz Akihiko Maeda

Uhrzeit	Dauer	Disk.	Abs-Nr.	Vor-Nr.	Titel des Vortrages	Autorenliste
09:30	8'	4'	3397	OR22-3397	Fracture in the cross-link polyethylene liner used in total hip replacement: case report	Ishibashi Y. (Kurume City, Fukuoka-ken), Higuchi F., Shimoyama T., Ookawa T., Kume S., Yoshida S., Gotoh M., Ishibashi Y.
09:42	8'	4'	3398	OR22-3398	Utility of Leeds-Keio (LK) artificial ligament for prevention of recurrent dislocation after the total hip arthroplasty (THA)	Izumida R. (Tokyo)
09:54	8'	4'	3399	OR22-3399	Short-term clinical results and postoperative change of range of motion in total knee arthroplasty using P.F.C. Sigma RP-F	Asai S. (Yokohama), Takagi H., Mori Y., Atsumi T.
10:06	8'	4'	3400	OR22-3400	Uncemented ceramic on ceramic arthroplasty for dysplastic osteoarthritis with Perthes-like deformity (Coxa plana and relative overgrowth of the greater Trochanter)	Munakata Y. (Tokyo), Kan N., Nagase K., Kusaba A., Kondo S., Kato Y., Nam Y., Kuroki Y.
10:18	8'	4'	3401	OR22-3401	Uncemented alumina on alumina bearing for dysplastic hips	Kusaba A. (Ebina Kanagawa), Nagase K., Munakata Y., Maeda A., Kan N., Hemmi N., Kondo S., Kuroki Y.
10:30	8'	4'	3402	OR22-3402	The cement ESKA femoral neck prosthesis-short shank-GHE - an analysis of 380 surgeries	Ghanem M. (Leipzig), Schneider P., Farag M., Gulow J., von Salis-Soglio G.
10:42	8'	4'	3403	OR22-3403	Navigation methods for the optimization of implants femoral cap endoprosthesis	Böhling U. (Berlin), Scholz J.

3397 Fracture in the cross-link polyethylene liner used in total hip replacement: case report

Es steht leider kein Abstract zur Verfügung / No Abstract available

3398 Utility of Leeds-Keio (LK) artificial ligament for prevention of recurrent dislocation after the total hip arthroplasty (THA)

Es steht leider kein Abstract zur Verfügung / No Abstract available

3399 Short-term clinical results and postoperative change of range of motion in total knee arthroplasty using P.F.C. Sigma RP-F

Es steht leider kein Abstract zur Verfügung / No Abstract available

3400 Uncemented ceramic on ceramic arthroplasty for dysplastic osteoarthritis with Perthes-like deformity (Coxa plana and relative overgrowth of the greater Trochanter)

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3401 Uncemented alumina on alumina bearing for dysplastic hips

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3402 The cement ESKA femoral neck prosthesis-short shank-GHE - an analysis of 380 surgeries

Es steht leider kein Abstract zur Verfügung / No Abstract available

3403 Navigation methods for the optimization of implants femoral cap endoprosthesis

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Future perspectives of joint replacement

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OR23

Salon Koch

Orthopaedics & Traumatology International

23.10.2009

11:30 - 12:30

Vorsitz Hitoshi Hase

Vorsitz Josef Zacher

Uhrzeit	Dauer	Disk.	Abs-Nr.	Vor-Nr.	Titel des Vortrages	Autorenliste
11:30	10'	5'	3404	OR23-3404	Bionic surface design of metal/metal- tribological pairing in hip endoprothetics optimisation tribological characteristics	Böhling U. (Berlin), Scholz J., Thomas W., Grundei H.
11:45	10'	5'	3405	OR23-3405	The value of minimal invasive access paths	Halder A. (Sommerfeld)
12:00	10'	5'	3406	OR23-3406	Surface coating of hip implants - an update	Gollwitzer H. (München)
12:15	10'	5'	3407	OR23-3407	Metal implant allergy	Thomas P. (München)

3404 Bionic surface design of metal/metal- tribological pairing in hip endoprothetics optimisation tribological characteristics

Es steht leider kein Abstract zur Verfügung / No Abstract available

3405 The value of minimal invasive access paths

Es steht leider kein Abstract zur Verfügung / No Abstract available

3406 Surface coating of hip implants - an update

Es steht leider kein Abstract zur Verfügung / No Abstract available

3407 Metal implant allergy

Some patients undergoing osteosynthesis or arthroplasty may develop complications that are not explained by common causes like infection or mechanical problems. In such patients hypersensitivity reactions may be the underlying cause. Allergic reactions have been described as local or generalized eczema, urticaria, impaired wound or osseous healing, seroma formation and implant loosening. Typical elicitors are metals like Ni, Cr or Co. But also bone cement components (acrylates, additives like benzoyl peroxide, p-toluidine, antibiotics) may provoke hypersensitivity reactions. Apart from allergological diagnostics by patch test and assessment of lymphocyte reactivity, also analysis of periimplantar tissue may indicate T-cellular hyperresponsiveness. As we are running a special ambulatory for metal implant allergy patients, we are investigating immuno-allergological properties of such patients. Based on a series of patients, characteristic clinical and in-vitro findings will be presented.

Vorsitz Kenji Yoshida

Vorsitz Wolfram Mittelmeier

Uhrzeit	Dauer	Disk.	Abs-Nr.	Vor-Nr.	Titel des Vortrages	Autorenliste
14:30	8'	4'	3408	OR24-3408	The clinical results of the new minimally invasive surgery (muscle-preserving interlaminar decompression: MILD) for lumbar spinal canal stenosis (LSCS)	Hase H. (Kyoto), Hatta Y., Mikami Y., Sakamoto A., Harada T., Osawa T., Ikeda T., Nagae M., Koyama K., Kitanaka S., Kubo T.
14:42	8'	4'	3409	OR24-3409	Die Operationstechnik von "Double Door Laminoplasty Using Hydroxyapatite Spacers" für die CSM-Patienten	Sha N. (Hyogo-ku Kobe), Doita M., Yoshikawa M., Okamoto K., Manabe M.
14:54	8'	4'	3410	OR24-3410	Surgical results of lumbar spinal stenosis - outcomes and related clinical issues	Nagata K. (Kurume City, Fukuoka-ken)
15:06	8'	4'	3411	OR24-3411	The kyphoplasty as minimal invasive treatment of osteoporotic vertebral fractures - safety aspects and complications	Tschöke S. (Leipzig)
15:18	8'	4'	3412	OR24-3412	The ventral C1/C2-screwing on dens - fractures with respect to elderly people - a safe and low grade morbidity option	Josten C. (Leipzig)
15:30	8'	4'	3414	OR24-3414	Kyphoplasty - therapeutical option with respect to fractures caused by metastasis (thoracic- and lumbar spine)	Rohrbeck J. (Berlin), Scholz J.
15:42	8'	4'	3413	OR24-3413	Early stabilisation and decompression of spinal metastasis reduces the neurological risk - an analysis of 140 patients	Josten C. (Leipzig)

3408 The clinical results of the new minimally invasive surgery (muscle-preserving interlaminar decompression: MILD) for lumbar spinal canal stenosis (LSCS)

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3409 Die Operationstechnik von "Double Door Laminoplasty Using Hydroxyapatite Spacers" für die CSM-Patienten

Es steht leider kein Abstract zur Verfügung / No Abstract available

3410 Surgical results of lumbar spinal stenosis - outcomes and related clinical issues

Es steht leider kein Abstract zur Verfügung / No Abstract available

3411 The kyphoplasty as minimal invasive treatment of osteoporotic vertebral fractures - safety aspects and complications

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3412 The ventral C1/C2-screwing on dens - fractures with respect to elderly people - a safe and low grade morbidity option

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3414 Kyphoplasty - therapeutical option with respect to fractures caused by metastasis (thoracic- and lumbar spine)

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3413 Early stabilisation and decompression of spinal metastasis reduces the neurological risk - an analysis of 140 patients

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Free topics

Annual Meeting of the German-Japanese Association

Orthopaedics & Traumatology International**OR25****Salon Koch****23.10.2009****16:30 - 18:00**

Vorsitz Hans Gollwitzer

Vorsitz Atsushi Kusaba

Uhrzeit	Dauer	Disk.	Abs-Nr.	Vor-Nr.	Titel des Vortrages	Autorenliste
16:30	5'	0'	3415	OR25-3415	Serum chromium level after metal on metal total hip replacement	Maeda A. (Aobaku Yokohama), Henmi N., Nagase K., Kusaba A., Kondo S., Kuroki Y.
16:35	5'	0'	3416	OR25-3416	Psoriasis vulgaris caused by ceramic insert used in total hip replacement	Higuchi F. (Kurume City, Fukuoka-ken), Ishibashi Y., Yoshida S., Shimoyama T., Ishibashi Y., Ookawa T., Kume S., Gotoh M.
16:40	5'	0'	3417	OR25-3417	Gene expression microarray analysis in lining synovial regions of rheumatoid arthritis by laser microdissection	Yoshida S. (Kurume City, Fukuoka-ken), Higuchi F., Gotoh M., Ishibashi Y., Nagata K.
16:45	5'	0'	3418	OR25-3418	Three different treatments for olecranon fractures	Young-Mi C. (Ikeda-shi Osaka-fu), Teraura H., Sasaki K., Mega R., Kyo Y., Komatsu T., Gotani H., Sakanaka H.
16:50	5'	0'	3419	OR25-3419	Minimally invasive tension band wiring for olecranon fractures	Kato K. (Nagoya), Takada N., Otsuka T.
16:55	5'	0'	3420	OR25-3420	Salvage operation of scaphoid nonunion after surgical treatment hypothesis	Tanaka J. (Hyogo), Fujioka H.
17:00	5'	0'	3421	OR25-3421	Evaluation of relationship between the thickness of the graft and clinical results in the anatomic ACL reconstruction	Takagi H. (Yokohama), Kato S., Maekawa K., Sato A., Asai S., Nakada N., Yamashita H.
17:05	5'	0'	3422	OR25-3422	Complications and pitfalls of locking compression plate (LCP) fixation	Minehara H. (Kanagawa), Uchino M., Ohkawa T., Nakamura K., Itoman M.
17:10	5'	0'	3423	OR25-3423	Clinical results of volar locking plate fixation for distal radius fractures using MIPO technique	Zenke Y. (Kitakyusyu City Fukuoka-ken), Sakai A., Oshige T., Moritani S., Fuse Y.
17:15	5'	0'	3424	OR25-3424	Treatment for scaphoid fractures using a Herbert screw / headless bone screw through a minimal incision	Yoshida K. (Kurume City Fukuoka), Sakai Keiko, Tanaka K., Yoshimatsu Y., Yamashita H., Goto T.
17:20	5'	0'	3425	OR25-3425	Treatment of the metacarpal fractures with percutaneous intramedullary fixation with K-wire	Yagura Y. (Furano Hokkaido), Kobayashi H., Yuki I., Nagashima S.
17:25	5'	0'	3426	OR25-3426	The modified Ishiguro's procedure (percutaneous pinning) for the avulsion fracture at the base of the proximal phalanx	Mikami Y. (Miyoshi Hiroshima), Takata H., Oishi Y., Sugioka T., Natsu K.
17:30	5'	0'	3427	OR25-3427	Current bio-mechanical analysis with respect to knee endoprosthesis with ceramic-condyle	Mittelmeier W. (Rostock), Klüß D., Zietz Carmen, Bader R.

Free topics					OR25	Salon Koch
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17:35	5'	0'	3428	OR25-3428	Hospital mortality after elective total hip and total knee replacement - HELIOS hospital group experience	Zacher J. (Berlin)
17:40	5'	0'	3429	OR25-3429	Limited incision plating technique for clavicle shaft fractures	Al Muderis M. (Parramatta)
17:45	5'	0'	3430	OR25-3430	Clinical comparison of single-bundle and double-bundle anterior cruciate ligament reconstruction using hamstring tendons	Yasushi O. (Yamazaki Kamakura City)

3415 Serum chromium level after metal on metal total hip replacement

Es steht leider kein Abstract zur Verfügung / No Abstract available

3416 Psoriasis vulgaris caused by ceramic insert used in total hip replacement

Es steht leider kein Abstract zur Verfügung / No Abstract available

3417 Gene expression microarray analysis in lining synovial regions of rheumatoid arthritis by laser microdissection

Es steht leider kein Abstract zur Verfügung / No Abstract available

3418 Three different treatments for olecranon fractures

Es steht leider kein Abstract zur Verfügung / No Abstract available

3419 Minimally invasive tension band wiring for olecranon fractures

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3420 Salvage operation of scaphoid nonunion after surgical treatment hypothesis

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3421 Evaluation of relationship between the thickness of the graft and clinical results in the anatomic ACL reconstruction

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3422 Complications and pitfalls of locking compression plate (LCP) fixation

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3423 Clinical results of volar locking plate fixation for distal radius fractures using MIPO technique

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3424 Treatment for scaphoid fractures using a Herbert screw / headless bone screw through a minimal incision

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3425 Treatment of the metacarpal fractures with percutaneous intramedullary fixation with K-wire

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3426 The modified Ishiguro's procedure (percutaneous pinning) for the avulsion fracture at the base of the proximal phalanx

Es steht leider kein Abstract zur Verfügung / No Abstract available

3427 Current bio-mechanical analysis with respect to knee endoprosthesis with ceramic-condyle

Es steht leider kein Abstract zur Verfügung / No Abstract available

3428 Hospital mortality after elective total hip and total knee replacement - HELIOS hospital group experience

Es steht leider kein Abstract zur Verfügung / No Abstract available

3429 Limited incision plating technique for clavicle shaft fractures

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3430 Clinical comparison of single-bundle and double-bundle anterior cruciate ligament reconstruction using hamstring tendons**PURPOSE**

The purpose of this study was to compare the clinical outcomes of double-bundle(DB) anterior cruciate ligament (ACL) reconstruction with single-bundle(SB) reconstruction using hamstring tendons.

METHODS

One hundred seven consecutive patients, 59 of whom underwent DB reconstruction and 48 of whom underwent SB reconstruction. The same postoperative rehabilitation protocol was used for all patients. Each patient was examined one year after surgery.

We evaluated manual knee laxity tests (Lachman test, the pivot-shift test), range of motion, the IKDC score, activity and sports participation.

RESULTS

No serious complication were experienced in either group.

A statistically greater number of patients in the SB group were positive (+ or ++) based on the Lachman test and the pivot-shift test.

CONCLUSIONS

There were no significant differences between the 2 groups with regard to range of motion, the IKDC score and sports participation. However, there was a statistical difference in the Lachman test and the pivot-shift test.