

Wissenschaftliche Aktivitäten: Vorträge und Publikationen

Vortragstätigkeit

2004

Meeting der Internation Academy for Orthopaedic Medicine (IAOM)/Gumpoldskirchen (AUT)

„Rehabilitation after matrix associated autologous chondrocyte transplantation“

Interne Fortbildung im Therapiezentrum „Apfelbaum“/Kärnten (AUT)

“Rehabilitation after autologous chondrocyte transplantation in the knee”

2005

Interne Fortbildung des Institutes für Physikalische Medizin am SMZ-Süd/Wien(AUT)

“Rehabilitation after autologous chondrocyte transplantation in the knee”

Jahreskongress der Gesellschaft “Isokinetic”/Bologna (IT)

“Rehabilitation protocols after matrix associated autologous chondrocyte transplantation: variation according to the defect localisation”

“Evaluation of two different rehabilitation protocols after matrix associated autologous chondrocyte transplantation in cartilage defects of the patella”

Kongress der Internationalen Orthopädischen Gesellschaft (SICOT, SIROT)/Istanbul (TURK)

“Rehabilitation protocols after matrix associated autologous chondrocyte transplantation: variation according to the defect localisation”

“Evaluation of two different rehabilitation protocols after matrix associated autologous chondrocyte transplantation in cartilage defects of the patella”

2006

Kongress der Internation Cartilage Repair Society (ICRS)/San Diego (USA)

“Matrix associated autologous chondrocyte transplantation for the repair of chondral lesions of the patella:

Rehabilitation and physiotherapeutic treatment modalities “

Jahrekongress der Österreichischen Gesellschaft für Unfallchirurgie/Salzburg (AUT)

„Rehabilitation after cartilage surgery“

2007

ICRS Rehabilitation Consensus Meeting/ Zurich (SUI)

Guidance and moderation of Module 5: ACT/MACT

“Current evidence base for rehabilitation after cartilage repair and clinical experiences”

Kongress der Österreichischen Gesellschaft für Sportphysiotherapie/Linz (AUT)

„Physiotherapy after cartilage repair“

Jahrekongress der Österreichischen Gesellschaft für Unfallchirurgie/Salzburg (AUT)

„Physiotherapy after cartilage repair: Bericht vom ICRS rehabilitation consensus meeting in Zürich“

2008

Jahreskongress der Gesellschaft “Isokinetic”/Bologna (IT)

“ACL reconstruction and MACT in one step. Combinable from the point of view of rehabilitation?”

“Rehabilitation protocols after cartilage surgery”

Kongress der European Society for Shoulder and Knee Arthroscopy/Porto (POR)

“ACL rehabilitation of patients with chondral damage”

2nd European Conference of Sports Rehabilitation/Stockholm (SWE)

“Return to sports after cartilage repair”

Jahrekongress der Österreichischen Gesellschaft für Unfallchirurgie/Salzburg (AUT)

“Rehabilitation after MACT on the femoral condyle. Evaluation of a rehabilitation protocol and two-year results.”

2009

ACI – Meet the experts/Prag (CZE)

“Rehabilitation after cartilage repair procedures”

Kongress der ICRS/Miami (USA)

“What is the optimal time of full weight bearing after MACI? – Two years results after progressive rehabilitation after MACI”

2010

ACI – Meet the experts/Kopenhagen (DEN)

“The importance of the interaction between surgeons and physiotherapists after cartilage repair procedures”

Kongress der European Society for Shoulder and Knee Arthroscopy/Oslo (NOR)

“Return to sports after cartilage repair”

Jahreskongress der deutschsprachigen Gesellschaft für Arthroskopie (AGA)/Wien (AUT)

“Return to sports after cartilage repair”

Chair der Session: Rehabilitation and prevention of knee injuries

2011

Internationaler Kongress Sportmedizin und Sportrehabilitation / Göteborg (SWE)

“Return to sports after cartilage repair”

Jahreskongress der Gesellschaft für Physikalische Medizin/Salzburg (AUT)

„Rehabilitation after cartilage repair procedures“

2012

Kongress der European Society for Shoulder and Knee Arthroscopy/Genf (SUI)

„The Oslo CARE program – Active rehabilitation for patients with articular cartilage lesions in the knee“

Scandinavian sports medicine congress/Malmö (SWE)

„Active rehabilitation for patients with articular cartilage lesions in the knee“

Jahreskongress der deutschsprachigen Gesellschaft für Arthroskopie (AGA)/Zürich (SUI)

„Konservative Rehabilitation für PatientInnen mit Knorpelschäden im Kniegelenk“

2013

Kongress der ICRS/Izmir (TUR)

„Muscle strength training after cartilage repair“

2014

Physiokongress/Stuttgart (GER)

„Konservative Therapie für SportlerInnen mit Knorpelschaden im Kniegelenk“

Jahreskongress der deutschsprachigen Gesellschaft für Arthroskopie (AGA)/Innsbruck (AUT)

„Rückkehr zum Sport nach Verletzungen des vorderen Kreuzband“

2015

Focus meeting der ICRS “Rehabilitation and Return to Sports”/Zürich (SUI)

„Rehabilitation nach knorpelchirurgischen Eingriffen am Kniegelenk“

2016

FIFA Medical Congress, Doha (Katar)

2 Keynote Lectures:

“How to prevent cartilage injuries”

“Rehabilitation after cartilage repair and return to sports”

Freiburger Knorpeltage, Freiburg (Deutschland)

„Prinzipien der konservativen Behandlung von Knorpelschäden – wer kann auf Erfolg hoffen?“

GIZ Fokustage, Wien (Österreich)

„Rehabilitation für SportlerInnen mit Knorpelschaden – was ist konservativ möglich?“

GOTS Jahreskongress, München (Deutschland)

„Physiotherapie bei Arthrose – gibt es Evidenz?“

Harbacher Orthopädiertage, Bad Harbach (Österreich)

„Evidenz der funktionellen Bewegungstherapie – eine Alternative zur OP?“

Jahreskongress der niederländischen Sportmediziner, Ermelo (Niederlande)

Keynote Lecture

„Rehabilitation after cartilage repair and non-surgical treatment options“

Publikationen

1. Rehabilitation after MACT in the knee
Osteosynthesis and Trauma Care, Vol 14, 2006
Barbara Wondrasch, Stefan Marlovits
2. Autologous Chondrocyte Implantation Postoperative Care and Rehabilitation
American Journal of Sports Medicine, Vol 34, No 6, June 2006
Karen Hambly, Vladimir Bobic, **Barbara Wondrasch**, Dieter van Assche, Stefan Marlovits
3. Tibial cartilage hypertrophy due to matrix-associated autologous chondrocyte transplantation of the medial femoral condyle. A case report
Journal of Bone and Joint Surgery, Vol 91, No 8, August 2009
Götz Welsch, Siegfried Trattng, Brigitte Tichy, Talles Mamisch, **Barbara Wondrasch**, Stefan Marlovits
4. Effect of accelerated weight bearing after matrix-associated autologous chondrocyte implantation on the femoral condyle on radiographic and clinical outcome after 2 years: a prospective, randomized controlled pilot study
American Journal of Sports Medicine, Vol 37, Suppl 1, November 2009
Barbara Wondrasch, Lukas Zak, Götz Welsch, Stefan Marlovits
5. Muscle strength and hop performance criteria prior to return to sports after ACL reconstruction
Knee Surgery Sports Traumatology Arthroscopy, November 2011
Thomeé R, Kaplan, Y, Kvist J, Myklebust G, Risberg MA, Theisen D, Tsepsis E, Werner S, **Wondrasch B**, Witvrouw E.

6. Clinical and radiological outcome 5 years after MACI in patients with symptomatic traumatic chondral defects
American Journal of Sports Medicine, October 2012
Marlovits S, Aldrian S, **Wondrasch B**, Zak L, Albrecht C, Welsch G, Trattnig S
7. Ability to return to sports 5 years after MACT in an average population of active patients
American Journal of Sports Medicine, December 2012
Zak L, Aldrian S, **Wondrasch B**, Albrecht C, Marlovits S
8. The feasibility of a 3-month active rehabilitation program for patients with knee full-thickness articular cartilage lesions: the Oslo Cartilage Active Rehabilitation and Education Study
J Orthop Sports Phys Ther. 2013 May;43(5):310-24
Wondrasch B, Arøen A, Røtterud JH, Høysveen T, Bølstad K, Risberg MA
9. In vivo evaluation of biomechanical properties in the patellofemoral joint after MACI by means of quantitative T2 MRI
Knee Surg Sports Traumatol Arthrosc 2014, Juni, 22 (6)
Pachovsky ML, Trattnig S, **Wondrasch B**, Apprich S, Marlovits S, Mauerer A, Welsch GH, Blanke M.
10. Gender differences following computer-navigated single- and double-bundle anterior cruciate ligament reconstruction
Knee Surg Sports Traumatol Arthrosc 2014, September, 22 (9)
Aldrian S, Valentin P, **Wondrasch B**, Krusche-Mandl I, Ostermann RM, Platzer P, Hofbauer M
11. Results 2 Years after MACI using the Novocart 3D scaffold: an analysis of clinical and radiological data
American Journal of Sports Medicine, 2014, May
Zak L, Albrecht C, **Wondrasch B**, Widhalm H, Vekszler G, Trattnig S, Marlovits S, Aldrian S
12. Clinical and radiological long-term outcomes after MACI: a prospective follow-up at a minimum of 10 years
American Journal of Sports Medicine, 2014, September
Aldrian S, Zak L, **Wondrasch B**, Albrecht C, Stelzener B, Binder H, Kovar F, Trattnig S, Marlovits S
13. Effect of accelerated weightbearing after MACI of the femoral condyle on MRI-based and clinical outcomes after 5 years
American Journal of Sports Medicine, 2014, November
Wondrasch B, Risberg MA, Zak L, Marlovits S, Aldrian S
14. The effects of a strength and neuromuscular exercise programme for the lower extremity on knee load, pain and function in obese children and adolescents: study protocol for a randomised controlled trial.
Trials. 2015 Dec 23;16:586. doi: 10.1186/s13063
Horsak B, Artner D, Baca A, Pobatschnig B, Greber-Platzer S, Nehrer S, **Wondrasch B**

15. Rückkehr zum Sport nach Eingriffen am Gelenknorpel im Kniegelenk

Arthroskopie, Volume 29, Issue 2, June 2016, DOI: 10.007/s00142-016-0068-z

Wondrasch B

16. Nach Verletzungen der unteren Extremität zurück zum Sport – wir sind noch lange nicht am Ziel

Manuelle Therapie, 2016; 20 (01): 11-15, DOI: 10.1055/s-0041-110834

Wondrasch B

17. Articular cartilage defects in the knee – postoperative rehabilitation

Aspetar Sports Medicine Journal, 2016, Volume 5, Issue 2

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Buchbeiträge

Basic Science, Clinical Repair and Reconstruction of Articular Cartilage Defects: Current Status and Prospects

Editors: S.Zanasi, M.Brittberg, M.Marcacci

“Postoperative Rehabilitation after Mosaicplasty and Microfracture” (**B.Wondrasch**, S.Marlovits)

“Current Status and prospects for rehabilitation following cell-based cartilage repair”
(K.Hambly,D.Van Assche, **B.Wondrasch**. V.Bobic, S.Marlovits)

Cartilage Repair – Current Concepts

Editors: M.Brittberg, A.Imhoff, H.Madry, B.Mandelbaum

“Rehabilitation following cartilage injury and repair procedures” (D. van Assche, **B.Wondrasch**, M.A. Risberg)

Anterior Cruciate Ligament Reconstruction: A practical surgical guide

Editors: R.Siebold, D.Dejour, S.Zaffagnini

“Rehabilitation and return to sports” (A.Stoehr, H.Mayr, **B.Wondrasch**, C.Fink)

“Prevention of ACL tears and rerupture” (A.Stoehr, **B.Wondrasch**, H.Mayr)

Knorpeltherapie-Praxisleitfaden der AG Klinische Geweberegeneration der DGOU

Kapitel 10: Nachbehandlung knorpelreskonstruktiver Verfahren – Stellenwert der Physiotherapie,
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