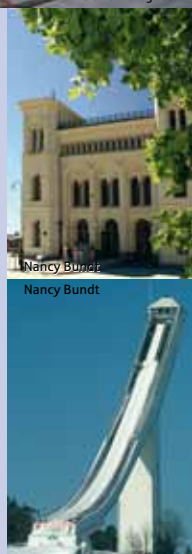




© VisitOSLO



14th ESSKA Congress

June 9-12, 2010
Oslo/Norway

2nd Announcement / Call for Abstracts

Abstract deadline: October 10, 2009

www.esska2010.com



After more than 1.200 highly pleased participants at ArthroCologne 2007!

ARTHROMUNICH 2009





3rd International Symposium on Operative and Biologic Treatments in Sports Medicine and Orthopaedics



June 26 - 27, 2009
Olympic Hall
Munich, Germany

Featuring
live surgical
demonstrations

www.arthromunich.com

-  Live Simultanübersetzung in Deutsch
-  Sarà disponibile la traduzione simultanea in italiano
-  Se ofrecerá interpretación simultánea al español
-  Une traduction simultanée en français sera assurée

Welcome 2 - 3

Time tables Wednesday – Saturday 4 - 8

Highlight lectures 9

Instructional Course Lectures (ICL) 10

Physiotherapists' Course 11

Nurse Course 11

General information, registration, social programme 12 - 14

Awards given during the ESSKA Congress 15

Submission of abstracts??

Under the scientific supervision of Prof. Andreas B. Imhoff, Munich / Germany, **Arthrex** proudly presents:

Werner **ANDERL** - Robert **ARCIERO** - Ewoud **VAN ARKEL** - Karl P. **BENEDETTO** - Gert **VAN DEN BOGAERT** - Gerard **BOURKE**
 James P. **BRADLEY** - Stephen **BURKHART** - Mark **CLATWORTHY** - Chris J. **COETZEE** - Olivier **COURAGE** - Tom **DEBERARDINO**
 Andree **ELLERMANN** - Mark **FERGUSON** - Giovanni **DI GIACOMO** - James **GUERRA** - Peter **HABERMEYER** - Johannes **HAMEL**
 Philippe **HARDY** - George B. **HOLMES** - Eero **HYVÄRINEN** - Seung-Ho **KIM** - James H. **LUBOWITZ** - Maarten **VAN DER LIST**
 Augustus **MAZZOCCA** - Claudio **MELLA** - Giuseppe **MILANO** - Wolfgang **NEBELUNG** - Giancarlo **PUDDU** - Raffaele **RUSSO**
 Anthony A. **ROMEO** - Hassan **SADRI** - Peter **SCHÄFERHOFF** - Markus **SCHIBEL** - Robert **SCHENBERG** - Philip **SCHÖTTLE**
 Werner **SIEKMANN** - Patrick **SMITH** - Thomas **STOCK** - Norbert **SÜDKAMP** - Andrew **UNWIN** - Aleix **VIDAL** - Ernst **WIEDEMANN**



ESSKA is an organisation devoted to education since 1984, first primarily in the knee, gradually expanding into all fields of arthroscopy and sports traumatology. The Oslo congress will highlight the modern ESSKA which includes sports and recreation related injuries and degenerative problems in all joints, a major influx of soft tissue sport injuries as well as the influence of sports injury prevention. The programme for the four days put together by Jon Karlsson and Jaques Menetrey will emphasize the importance of ESSKA in our field in Europe and the rest of the world. Look for many new areas and stronger influx from the young ESSKA generation. The congress will also have a strong Physical Therapy programme and continue the ESSKA Nurse programme. From a scientific and educational viewpoint, there are many reasons to visit Oslo June 9-12, 2010!

Oslo is a perfect city for a sports medicine related congress. With its location between the mountains and the sea and a population which puts major emphasis on exercise and outdoor life, Oslo is ready to greet our visitors in a most friendly way. The city of Oslo is more than 1000 years old and with its access to the sea, has always been a city of travellers and visitors. While the Vikings conquered Europe with ships and swords, the modern Norwegians have conquered the world with their oil and shipping business. Be sure to take a stroll around town to see the emerging landmark of Oslo, the new Holmenkollen ski jump, and to enjoy the view of the city from above. Do not miss the ski museum while you are up there! Take the harbour boat over to Bygdøy and see the ancient heroes of Norway- the Viking ships that have crossed the Atlantic more than a thousand years ago and the polar ships that have taken Norwegian explorers to the North and the South Pole. Breathe in the contemporary Oslo while strolling on Karl Johan, the main street named after Karl Johan, the Swedish King in the 1800s. Renew friendships in the cafés on the oceanfront while watching the busy life in the harbour! For those who want to get a feeling for the recreational life, we recommend a bike trip to Nordmarka, the beautiful recreational area surrounding Oslo. Take time out from your busy schedule and go for a one-hour bike trip in the silence of the forest and the hills and meet the inhabitants of Oslo on their turf. We want you to feel like a Norwegian while in Oslo! Use your feet, go for a run, have a snack on the oceanfront, try the many varieties of Norwegian fish and the Norwegian beer!

The ESSKA congress is not only a place for science and education, but also a good opportunity to meet ESSKA members, renew friendships and create new ones. We know that you will find ESSKA stimulating and perhaps a future tool for you in your personal development in orthopaedics and sports medicine. Take the opportunity to find what ESSKA can offer you: not only the congress but a modern, interactive web site, an excellent journal, courses around Europe and good colleagues. If you are not already a member, join ESSKA and be part of the modern development of orthopaedic surgery and sports medicine!

We promise to make your visit to Oslo worth while and look forward to be your hosts in June 9-12th 2010. Come join us!

Lars Engebretsen
President of ESSKA

Knut Jæger Hansen
Chair of the Congress Committee



The biannual ESSKA meetings attract the very best Orthopaedic sports physicians in Europe. In 2010 we will meet in OSLO, NORWAY, one of the finest cities in northern Europe. And in addition to the European ESSKA members, we welcome some of the best surgeons and sports scientists from all around the world.

During the 2010 ESSKA meeting in Oslo, we will offer you the best of the scientific world from the ESSKA members. The congress starts on Wednesday morning, June, 9 and ends on Saturday, June, 12 at noon. Special one day programme and two days programme for physiotherapists are planned. The physiotherapist programme will be extended compared with previous meeting.

The main topics will focus on good science and scientific methods, new surgical techniques, such as scientific and surgical pearls. We will focus more than previously on posters, with special poster sessions. We will select several of the best posters for short podium presentations and award sessions. Live surgery is being planned.

Our main guests, Elizabeth Arendt (USA), Roald Bahr (Norway), Savio Woo (USA) and Jan Victor (Belgium) will give us the latest news on basic science and current clinical and surgical methods. We also welcome the Ejnar Eriksson speaker, Werner Müller from Switzerland.

There will be 18 Instructional courses, starting Thursday, June, 10. Some of these courses will be focused on good scientific methods.

We are planning several symposia on surgical techniques, and basic science in sports traumatology. New trends in minimally-invasive techniques, double-bundle ACL reconstructions, computer assisted techniques and biology will be highlighted. There will be several new topics and new scientists invited. As previous meetings, Star Papers and National Awards are among the highlights during the morning session.

We plan for 220 free papers, with podium presentations and more than 500 posters.

Taken together – this is the congress that offers to all the new you need to stay focused on sports traumatology.

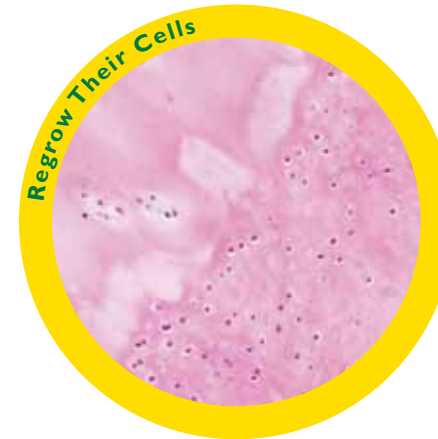
And remember the Abstract deadline – October, 10, 2009.

Welcome to Oslo in 2010!

Jacques Menetrey
Programme Chair

Jon Karlsson
Programme Chair

Time	Room 1	Room 2	Room 3	Room 4	Room 5
09.00 - 09.10	Opening ceremony				
09.10 - 09.35	Highlight lecture by Savio Woo				
09.35 - 10.00	Highlight lecture by Elizabeth Arendt				
10.00 - 10.30	Coffee break				
10.30 - 12.00	Free paper ACL	Free paper Shoulder	Free paper Total Joint	Live Surgery	Free paper Meniscus
12.00 - 14.00	LUNCH BREAK				
14.00 - 15.30	Symposium	Symposium	Lectures	Free paper Cartilage	Symposium
			Sport Specific Symposium: Soccer		
15.30 - 16.00	Coffee break				
16.00 - 17.00	Free paper ACL	Free paper Total joint	Poster session	Free paper Sport specific	Free paper Foot and ankle
17.00 - 18.00	Symposium	Symposium U45	Symposium Cartilage Committee	Symposium ESSKA/SLARD	Symposium



MACI[®] Implant: Advanced Cartilage Repair for Improved Patient Outcomes.

- An effective cartilage repair solution ^{1,2,3}
- Has demonstrated the ability to generate hyaline-like cartilage⁴
- Demonstrates long-term clinical efficacy and durability (5 years)⁵
- Implantation is simpler and faster than traditional ACI^{6,7}
- Culturing process produces up to one million of viable chondrocytes per square centimeter
- An ICRS award-winning, unique and novel assay technology for chondrocyte viability, identity and potency has been created by Genzyme^{8,9}
- More than 7 000 patients successfully treated with MACI



1. Abelow et al. Arthroscopic technique for matrix-induced autologous chondrocyte implantation for the treatment of large chondral defects in the knee and ankle. Operative Techniques in Orthopaedics. 2006; 16:257-261. 2. D'Anchise et al. Autologous implantation of chondrocytes on a solid collagen scaffold: clinical and histological outcomes after two years of follow-up. J Orthopaed Traumatol. 2005; 6: 36-43. 3. Jagiello et al. Sequential Outcome Improvement Following Autologous Chondrocyte Implantation - 7 Year Follow up, abstract (No. 182) presented American Academy of Orthopaedic Surgeons (AOS) annual meeting, San Diego, February 2007. 4. Zhang et al. Matrix-Induced Autologous Chondrocyte Implantation (MACI): Biological and Histological Assessment. Tissue Engineering. 2007; 13 (4): 737-746. 5. Behrens et al. Matrix-associated autologous chondrocyte transplantation/implantation (MACT/MACI) - 5 year follow-up. The Knee. 2006; 13: 194-202. 6. Bartlett et al. Collagen-covered versus matrix-induced autologous chondrocyte implantation for osteochondral defects of the knee: a comparison of toumiquet times. Eur J Orthop Surg Traumatol. 2006; 16: 315-317. 7. Bartlett et al. Autologous chondrocyte implantation versus matrix-induced autologous chondrocyte implantation for osteochondral defects of the knee. JBJS Br. 2005; 87-B: 640-645. 8. Identification of differentiated chondrocytes using gene expression - the dcs assay. Basic Science / Chondrocytes. S. Rapko, A. Parker, D. Doro, D. Riley, C. Mortelliti, S.J. Dugway, L. Wolfe, Cambridge / US. Presented as an E-poster at the International Cartilage Repair Society Meeting, September 28-October 2, 2007, Warsaw, Poland. 9. DNA methylation study of chondrocytes and synovial fibroblast cultures. Basic Science / Chondrocytes. S. Rapko, U. Baran, U. Hoffmueller, L. Wolfe, S. Olik, Cambridge / US. Presented as an E-poster at the International Cartilage Repair Society Meeting, September 28-October 2, 2007, Warsaw, Poland.



TIMETABLE Thursday, June 10, 2010

Time	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
07.30 - 08.45	ICL 1 PCL injury - From anatomy to treatment	ICL 2 Rotator Cuff repair and biotechnology	ICL 3 Sports trauma and economy	ICL 4 ACL Re- construction in "older" patients (40+)	ICL 5 Patello-femoral pain of insta- bility - A global approach	ICL 6 Indications for rotator cuff repair EBM overview (arthroscopy)
09.00 - 09.10	Presidential lecture by Lars Engebretsen					
09.10 - 09.35	Highlight lecture by Jan Victor					
09.35 - 10.00	Ejnar Eriksson lecture by Werner Müller					
10.00 - 10.30	Coffee break					
10.30 - 12.00	Star papers					
12.00 - 14.00	LUNCH BREAK					
14.00 - 15.30	Symposium The revision of TKA	Symposium Basic Science	Poster session	Lectures	Live Surgery	
				Sport Specific symposium		
15.30 - 16.00	Coffee break					
16.00 - 17.00	Free paper ACL	Free paper Total joint	Symposium Patient expecta- tions: any out- comes after TKA	Free paper Tendon	Free paper Sport prevention	
17.00 - 18.00	Symposium The painful TKA	Symposium High-tech developments: how do patients and practise profit. Naviga- tion, CAOS, kinematics	Symposium ESSKA/AOSSM	Symposium What is new in cartilage repair?	Symposium Foot ankle	

TIMETABLE Friday, June 11, 2010



Time	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
07.30 - 08.45	ICL 7 What is the evidence based in ACL surgery?	ICL 8 Current concep- ts on the treatment of postero-lateral knee injuries	ICL 9 Patello-femoral imaging	ICL 10 Wrist arthroscopy	ICL 11 Successful grant writing	ICL 12 TBD
09.00 - 09.30	Travelling Fellows Presentation					
09.30 - 10.00	Highlight lecture by Roald Bahr					
10.00 - 10.30	Coffee break					
10.30 - 11.30	Country Prize Winners					
11.30 - 12.30	ESSKA General Assembly					
12.30 - 14.00	LUNCH BREAK					
14.00 - 15.30	Symposium ESSKA/EFOST: ACL decision- making in high level athletes	Live Surgery	Poster Price Ceremony	Lectures		
				Symposium Integration Committee		
15.30 - 16.00	Coffee break					
16.00 - 17.00	Free paper ACL	Free paper Total joint	Symposium Reduction of internal rotation after ACL injury: what have we learned in the last years (60-75)	Free paper Tendon	Free paper Meniscus	
17.00 - 18.00	Symposium Indications and surgical options for db reconstruction	Sport Specific Symp. Motor sports or Tennis	Symposium Muscle injury	Symposium Double bundle ACL		

Time	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
07.30 - 08.45	ICL 13 The medial knee structures	ICL 14 Rotator Cuff repair	ICL 15 Current challenges in Cartilage Repair	ICL 16 Preoperative problems and strategies in TKA	ICL 17 Study design: How to critically review the literature	ICL 18 TBD
09.00 - 09.30	Awards presentation					
09.30 - 10.00	Presentation ESSKA 2012 by Jacques Menetrey					
10.00 - 10.30	Coffee break					
10.30 - 12.00	Symposium ACL reconstruction in young patients	Symposium ACL revision surgery: a global perspective	Symposium Achilles tendon	Symposium New concepts of shoulder surgery	Lectures	
					Symposium Medical compartment OA of the knee	
12.00	Closing Ceremony					

NURSE COURSE Friday, June 11, 2010 (09.00-18.00 h)

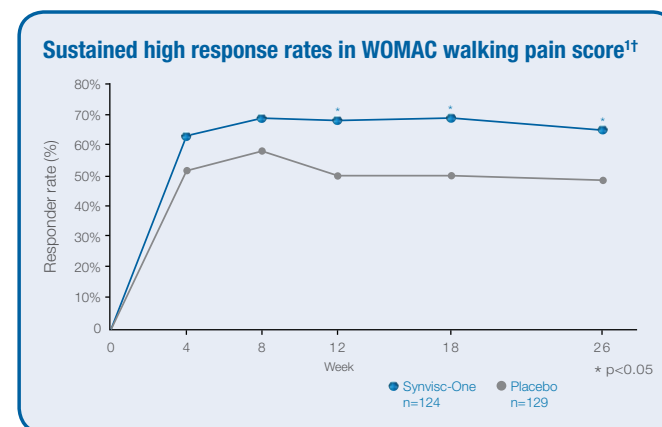
For the first time, general nurses in orthopaedics, not only surgical nurses, will have the opportunity in sharing their skills and knowledge with an international audience at the ESSKA meeting in 2010. The focus will be in the fields of addressing the issues affecting orthopaedic nursing in the past, present and future, and the quality of musculoskeletal care in the areas of orthopaedic nursing as patient education, pain care, quality of life, osteoporosis and nutrition. The symposia will include presentations by different experts on the fields within orthopaedics followed by an open panel discussion.

Abstracts for oral and poster presentations are welcome and we especially welcome and encourage both experienced and first time presenters.

NEW Synvisc-One, now available for OA knee pain



- Single intra-articular injection
- Delivers superior pain relief compared to saline control¹
- 71% of Synvisc-One patients were responders at week 18¹
- Low incidence of local side effects during first and repeat treatments^{1,2}



† Response was defined as ≥1 category improvement in WOMAC walking pain score and no knee-related adverse events.

References:
 1. Chevalier X *et al.* Poster presented at the Annual European Congress of Rheumatology; Barcelona, Spain; 13-16 June 2007.
 2. Jerosch J *et al.* Poster presented at American Academy of Orthopaedic Surgeons 2008.

Authorised Representative: Genzyme Europe BV, Gooimeer 10, 1411 DD Naarden, The Netherlands

Genzyme® is a registered trademark, and Synvisc-One™ is a trademark of Genzyme Corporation.
 ©2008 Genzyme Corporation. All rights reserved.
 0901EUSYAD01V1



**Thursday, June 10, 2010**

- ICL 1: PCL injury - from anatomy to treatment
- ICL 2: Rotator Cuff repair and biotechnology
- ICL 3: Sports trauma and economy
- ICL 4: ACL reconstruction in „older“ patients (40+)
- ICL 5: Patello-femoral pain of instability - A global approach
- ICL 6: Indications for rotator cuff repair EBM overview (arthroscopy)

Friday, June 11, 2010

- ICL 7: What is the evidence base in ACL surgery?
- ICL 8: Current concepts on the treatment of postero-lateral knee injuries
- ICL 9: Patello-femoral imaging
- ICL 10: Wrist arthroscopy
- ICL 11: Successful grant writing
- ICL 12: TBD

Saturday, June 12, 2010

- ICL 13: The medial knee structures
- ICL 14: Rotator Cuff repair
- ICL 15: Current challenges in Cartilage Repair
- ICL 16: Preoperative problems and strategies in TKA
- ICL 17: Study design: How to critically review the literature
- ICL 18: TBD

There will be a special physical therapy (PT) programme during the ESSKA congress 2010, as the tradition has been for the last two ESSKA meetings. In the year 2010 the programme will be extended to a two days programme, include workshops and will be organized in close collaboration with the Norwegian Sport Physical Therapy Organization (FFI). The programme will offer workshops, lectures, clinical guideline lectures, free paper sessions and in addition poster sessions. Topics for the PT programme will be:

Knee symposium

- Evidence based guidelines for rehabilitation of ACL injuries, cartilage injuries, knee OA, and patellofemoral pain syndrome
- Prevention of knee injuries – recent advances
- Workshop: Rehabilitation of cartilage and ACL injuries – “how to do it”
- Free papers

Muscle /Tendon symposium

- Evidence based guidelines for rehabilitation of muscle-tendon overuse injuries
- Workshop: Rehabilitation of overuse injuries – “how to do it”
- Free papers

Shoulder symposium

- Evidence based guidelines for rehabilitation of shoulder dysfunctions
- Challenges in treating shoulder problems among overhead athletes – rehabilitation and prevention principles
- Workshop: Rehabilitation of shoulder injuries – “how to do it”
- Free papers

ESSKA board

President: Lars ENGBRETSSEN
 1st Vice-President: Niek VAN DIJK
 2nd Vice-President: Joao ESPREGUEIRA-MENDES
 Past President: Daniel FRITSCHY
 Secretary: Romain SEIL
 Treasurer: Matteo DENTI
 Educational Secretary: Patrick DJIAN

Programme chairs

Jon KARLSSON
 Jacques MENETREY

Chair of congress committee

Knut JÆGER HANSEN

Date

June 9-12, 2010

Congress venue

Oslo Spektrum and SAS Radisson Plaza Hotel
 Sonja Henies Plass
 0185 Oslo, Norway

Homepage

www.esska2010.com

Official language

English

Congress organisation



Moving Encounters

INTERCONGRESS

Intercongress GmbH

Wilhelmstr. 7

65185 Wiesbaden

Phone: +49 (0) 611 97716-0

Fax: +49 (0) 611 97716-16

E-mail: esska@intercongress.de



Project manager

Ms Katrin Volkland
 Phone: +49 (0) 611 97716-35
 Fax: +49 (0) 611 97716-16
 E-mail: katrin.volkland@intercongress.de

Industrial exhibition

Mrs. Kerstin Schwarz-Cloß
 Phone: +49 (0) 611 97716-30
 Fax: +49 (0) 611 97716-16
 E-mail: kerstin.schwarz-closs@intercongress.de

Registration

Please register online at www.registration.intercongress.de (starting September 2009). Reduced rates are available when payment is effected before February 15, 2010.

	Payment before Feb. 15, 2010	Payment after Feb.15, 2010 and before May 28, 2010	Payment after May 28, 2010 and onsite
ESSKA members	375 €	440 €	490 €
Non-members	500 €	560 €	610 €
Members ISAKOS, AOSSM, APOSSM, AANA, SLARD	500 €	560 €	610 €
Eastern Europ. Countries, resident	230 €*	270 €*	320 €*
ESSKA member resident/PT	230 €*	270 €*	320 €*
Physiotherapists non-member	390 €	390 €	420 €
Accompanying persons	40 €	40 €	60 €

*only with document indicating training programme and level of training

Registration includes: Access to the scientific sessions, instructional course lectures, lunch-workshops, symposia, access to the industrial exhibition, one convention bag, your personal badge, one copy of the final programme and an abstract CD, participation in the welcome reception and catering during the coffee and lunch breaks.

Accommodation

Special rates in various hotels in Oslo have been fixed for ESSKA congress participants by the local agency Døvre Event & Marketing. The online booking system will be available in September 2009.

Social programme

Wednesday, June 9, 2010 – Welcome Reception

Thursday, June 10, 2010 – President's Dinner (by personal invitation only)

Friday, June 11, 2010 – Gala Dinner

Submission of abstracts

The submission of abstracts can only be effected by internet: www.esska2010.com.

Authors who submitted papers for the ESSKA congress 2008 in Porto/Portugal still have a valid account for the abstract submission platform. If you have lost your password please go to www.esska2008.com and click on abstract submission, enter your e-mail address in the log in section and click on „forgot password“. You will automatically receive a notification by e-mail with your password.

The deadline of submission is **October 10, 2009**.

Important deadlines

Submission of abstracts:	October 10, 2009
Submission of award abstracts:	October 10, 2009
Confirmation of abstract selection:	January 2010
Registration at reduced rate:	February 15, 2010
Deadline for accommodation booking:	March 1, 2010



Preliminary remark

Applications for the ESSKA Awards in Oslo 2010 are only accepted via internet: www.esska2010.com. Please click on the “Awards” button and follow the instructions. The deadline of submission is: October 10, 2009.

Please note that all papers submitted via the general abstract platform are automatically registered for the awards selection in the categories “Best Poster Award” and “Theo Van Rens Best Paper Award”. You do not need to submit a separate application for one of these 2 award categories.

The Nicola's Foundation

Young Researcher Award (< 40y)

Sponsored by The Nicola's Foundation

Price money: 1.500 EUR



This award is given to the best scientific manuscript in the fields of Knee Surgery, Sports Traumatology and Arthroscopy presented by a researcher < 40 years of age.

Award for best paper in Ligament and Biomechanics



Sponsored by Smith & Nephew

Price money: 2.000 USD

This award is given to the best scientific manuscript in the fields of ligament healing and biomechanics in orthopaedic sports medicine.

Best Poster Award

Sponsored by ESSKA

Price money: 500 EUR



This award is given to the best poster accepted for display at the ESSKA biannual meeting.

Porto Award “Innovation in Arthroscopy”

Price money: 2.500 EUR



ESSKA wishes to stimulate the research and the development of Arthroscopy. The Porto Award - Innovation in Arthroscopy encourages all medical doctors that perform arthroscopy to present their knowledge, techniques and expertise.

Theo Van Rens Best Paper Award

Sponsored by ESSKA
Price money: 2.500 EUR



This award is given to the highest ranked scientific presentation. The 6 finalists have the privilege to present their work during the Star Paper session at the ESSKA biannual meeting.

DJO Award



DJO has a long history of dedication to research & development, and joins ESSKA in a commitment to never stop getting better. Although significant progresses in sports medicine techniques have been achieved recently, still more improvements are needed.

In order to improve patient outcomes after sport injuries, new treatment methods and products based on the latest scientific research and validated by clinical studies must be developed. In an answer to this urgent need for good clinical research the ESSKA together with the company DJO decided to create this highly renowned research grant (USD 15.000) for innovative scientific work in the field of Sport Traumatology and Rehabilitation.

This initiative is destined to encourage researchers to set up professional research projects to give more scientific basis to current and future treatment methods. A booklet with detailed guidelines and the application form can be downloaded on www.esska.org or contact directly the ESSKA Executive Office in Luxembourg.

Prescribe Confidence, Prescribe **DONJOY**

FIS
PROJECT PARTNER

Kristi Richards
One of the 'Faces of DJO'
2007 World Champion
Moguls (Freestyle)

AIRCAST CefarComplex chattanooga compex DJO surgical DONJOY Empi ORMED PROCARE

HOUSE OF QUALITY BRANDS

DJO, LLC
1430 Decision Street
Vista
CA 92081-8553
U.S.A.
Tel: 1 800 336 6569
DJOglobal.com

DJO International
7 The Pines Business Park
Broad Street
Guildford
Surrey
GU3 3BH
ENGLAND
Tel: +44 (0)1483 459 659
DJOglobal.eu



NEVER STOP GETTING BETTER™

DJO provides solutions for musculoskeletal, vascular health and pain management. Our products help to prevent injuries or rehabilitate after surgery, injury or degenerative disease. Visit www.DJOglobal.eu

Product is not available in the United States and its territories.

 **smith&nephew**
TRUFIT[®] CB PLUG
Cartilage/Bone Graft Substitute

Announcing a new aid for cartilage/bone repair

The TRUFIT[®] CB Plug is a resorbable tissue generation scaffold designed to repair cartilage and bone in osteochondral defects. It's made with Smith & Nephew POLYGRAFT[™] Technology, a proprietary, completely synthetic composite material that mimics surrounding tissue layers.

As soon as it's implanted, hydrophilic properties allow the plug to wick up blood, marrow, cells and proteins, encouraging tissues to grow into the scaffold. After 12 months, the plug is completely resorbed and replaced with integrated normal hyaline-like cartilage and bone.

TRUFIT CB Plugs. Helping the body heal itself.

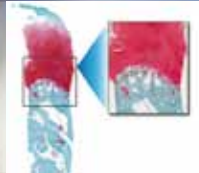
9 mm TRUFIT CB Plug
Immediately post
implantation in medial
femoral condyle. Note
blood has wicked into
scaffold.



TRUFIT CB Plug,
21 months after implan-
tation. Note complete
plug integration and
defect coverage with
normal thickness and
defect coverage.



Biopsy (stained with
Safranin O/Fast Green)
21 months after TRUFIT
CB Plug implantation
demonstrating healing with
hyaline-like cartilage and
subchondral bone.



Endoscopy
Smith & Nephew, Inc.
150 Minuteman Road
Andover, MA 01810

www.smith-nephew.com

T +1 978 749 1000 US

[®]Trademark of Smith & Nephew.
Certain marks are Reg US Pat and TM Office.
©2008 Smith & Nephew, Inc. All rights reserved.
Printed in USA 03/08 2070 Rev. A