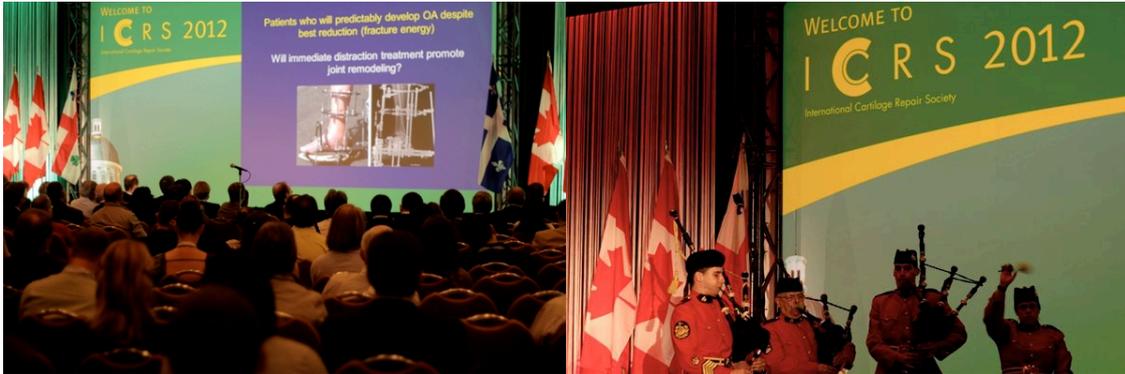


ICRS – ISAKOS Symposium "Joint Preservation" [RECAP] 10th World Congress of the International Cartilage Repair Society

May 12-15, 2012

Fairmont - The Queen Elizabeth
Montreal, Canada



The first ICRS-ISAKOS Joint Symposium was held in Montreal, Canada, on May 13, 2012 at Fairmont the Queen Elizabeth. This symposium was organized as one of the main sessions during the 10th World Congress of the International Cartilage Repair Society (ICRS) under the president of Professor Daniel Saris.

The concept of a joint project has been developed in order to formalize relationship between ISAKOS, the most internationally recognized and biggest society in the field of orthopaedic sports medicine and joint surgery, and ICRS, the most recognized international specialists in cartilage repair, which has been one of the hottest topics in the field of medical science. The collaboration between ISAKOS and ICRS could potentially produce synergy to share the strength of both societies. Based on the concepts, a series of two joint symposia have been planned. Following the Montreal symposium, the second one will be held at the ISAKOS Congress, Toronto, 2013. These two symposia focus on "Joint Preservation", which is the common important topic for the both societies.

The first symposium invited four distinguished speakers who represent each society moderated by Rocky Tuan (Pittsburgh, USA) and Norimasa Nakamura (Osaka, Japan).

The first two lectures were from ICRS. The president of ICRS, Professor Daniel Saris (Utrecht, Netherlands) introduced the symposium to the audience with

emphasizing the significance of the joint program, followed by his lecture “Cartilage Repair to Prevent Osteoarthritis–Fact or fiction?” This lecture comprehensively reviewed the significance of cell therapy in early osteoarthritis (OA) and showed some exciting preliminary results of cell-based therapies. However, in conclusion, Professor Saris stressed the importance of accumulating knowledge of long –term results in controlled clinical trials in order to obtain the true answer for the question as titled of his lecture. The second lecture was done by Professor Susan Chubinskaya (Chicago, USA) with the title of “What is the Key Pathway to Prevent Post-Traumatic Arthritis for Future Molecule-Based Therapy?” In this lecture, Professor Chubinskaya reviewed the recent progress in research on the key molecules which could be applied to biotherapies to arrest and prevent the development and progression of post traumatic OA based on the mechanisms of: 1)Chondroprotection, 2)Anti-inflammatory, 3) Matrix protection and 4) Pro-anabolic, stimuli of cartilage remodeling and regeneration.

In closing her lecture, Professor Chubinskaya stressed the importance of promoting translational research towards the development of appropriate effective therapy in reality.

The latter two speakers were on behalf of ISAKOS, focusing on ACL reconstruction and post traumatic OA. Professor Philippe Neyret (Lyon, France) had the lecture titled “ACL Reconstruction and Osteoarthritis: Evidence from Long-Term Follow-up and Potential Solutions.” He did comprehensive review on the following topics: (1) What is the natural history of ACL deficiency?, (2) Does ACL reconstruction prevent the development of osteoarthritis in the long term?, (3) Can we predict which patients will develop osteoarthritis? ,with introducing his conducted studies with long term follow-up over 35 years. Professor Neyret stressed that meniscus status appears to be a much strong predictor of subsequent development of osteoarthritis in cases of ACL reconstruction and thus the importance of meniscal preservation at the time of initial ACL reconstruction. The final speaker was Professor Freddie Fu (Pittsburgh, USA). Although he was not able to come to the venue, he instead appeared remotely and spoke on “Anatomic ACL Reconstruction – Current Concept and Future Perspective.” With the series of experimental and clinical Pittsburgh studies, he reviewed the functional anatomy of ACL, transition in graft positioning in ACL reconstruction, and how anatomic ACL reconstruction contributes to the restoration of joint kinematics following surgery. In conclusion, Professor Fu

pointed out the importance of the development of improved, more objective outcomes measures, including biology, kinematics and imaging.

The course organizers are happy that the symposium was very successful, and highly evaluated by more than 200 participants to the symposium. This was truly attributable to the great work by the four faculties and also very nice discussion lead by Professor Tuan.

As mentioned above, the next joint symposium will be held at the ISAKOS Congress at Toronto, 2013. This symposium promises to be exciting and educational – do not miss it!

Finally, special thanks to the ISAKOS Executive Committee and Office, Stephan Seiler (ICRS) and Bert Mandelbaum (Santa Monica, USA), in addition to all the faculty members of the Montreal symposium, who did tremendous contribution to the embodiment of this exciting project since the initial discussion held in February 2011.

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