



Learn and Practice to Serve Better



Date	Course Name	Organizer	Program Director	Accreditation	Target Participants
Feb 18-19	The 6th Advanced Bioskill Workshop in Total Joint Replacement 第六屆高級全關節置換技術課程	Dept. of O & T, CUHK HA	Dr. KH CHIU	5 Training Points (HKCOS)	Local Advanced Orthopaedic Trainees
Feb 18	Symposium on Quad-sparing Total Knee Replacement	Dept. of O & T, CUHK	Dr. KH CHIU	TBC	Orthopaedic Surgeons
Apr 8-10	CUHK - AADO Comprehensive Bioskill Course in Fracture Fixation (XV) 第十五屆骨折固定技術綜合課程	Dept. of O & T, CUHK AADO	Prof KS LEUNG	8 CME Points or Training Points (HKCOS)	Orthopaedic Surgeons from Asia Pacific Region
Apr 12	Preparatory Course of Exit Examination	Dept. of O & T, CUHK HA	Dr. KH CHIU	N/A	Local Advanced Orthopaedic Trainees
Jul 22	10th Advanced Trauma Course – Navigation 第十屆高級創傷進修班: 骨科導航手術	Dept. of O & T, CUHK	Prof KS LEUNG	TBC	Orthopaedic Surgeons
Sep 2006 – Jun 2007	AADO Certificate Course in Orthopaedics & Traumatology for Nurses – Class 12 第十二屆矯形外科及創傷學護士證書課程	AADO (Nurse Subcom.)	TBC	TBC	Orthopaedic Nurses
Sep 9-10	11th Advanced Trauma Course – Pelv-Acetabular Fractures 第十一屆高級創傷進修班: 骨盤及髖臼骨折	Dept. of O & T, CUHK	Prof KS LEUNG	TBC	Orthopaedic Surgeons
Sep 30	ISFR Workshop- Biophysical Stimulation on MS Tissues	Dept. of O & T, CUHK	Prof KS LEUNG	TBC	Orthopaedic Surgeons
Oct 20-21	Spine Arthroplasty Workshop	Dept. of O&T, CUHK	Dr. SW LAW	TBC	Orthopaedic Surgeons
Dec 9-11	CUHK - AADO Comprehensive Bioskill Course in Fracture Fixation (XVI) 第十六屆骨折固定技術綜合課程	Dept. of O & T, CUHK AADO	Prof KS LEUNG	8 CME Points or Training Points (HKCOS)	Orthopaedic Surgeons from Asia Pacific Region
TBC	Polytrauma Workshop 多發性創傷工作坊	AADO (Nurse Subcom.)	TBC	TBC	Nurses and Junior Orthopaedic Trainees
TBC	Microsurgery Course 顯微手術課程	Dept. of O & T, CUHK	Prof. LK HUNG	TBC	Surgeons

AADO: Asian Association for Dynamic Osteosynthesis
CUHK: Chinese University of Hong Kong

Dept of O & T: Department of Orthopaedics and Traumatology
HKCOS: The Hong Kong College of Orthopaedic Surgeons

For updated course information please visit our web site: www.olicuhk.org

For enquires please contact Ms Margaret Lai at (852) 2632 3483 or e-mail to olc@ort.cuhk.edu.hk

Editor's Notes

In 2005 we had organized more than 20 educational programs. Over 1,000 participants had joined the various activities which not only targeting on orthopaedic professionals but also for social workers, occupational therapists, radiographers, biomedical engineers and research scientists.

In the coming year, 12 courses have been scheduled in our calendar (pg. 4), and several other courses related to spinal surgery, hand surgery, pediatric surgery and computer aided surgery are under scheduling. Besides, our centre will be involved more in undergraduate teaching of medical students. Please go to our website www.olicuhk.org to update the course information.

Editorial Board

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Program Report

2005 International Symposium on Quality of Bone and Scaffold Biomaterials evaluated by microCT, pQCT, QCT and MRI – October 17-18, 2005 Margaret LAI

2005 International Symposium on Quality of Bone and Scaffold Biomaterials evaluated by microCT, pQCT, QCT and MRI was held on October 17-18, 2005 in Postgraduate Education Centre, Prince of Wales Hospital. This Symposium was organized by the Musculoskeletal Research Laboratory and Orthopaedic Learning Centre of the Department of Orthopaedics & Traumatology, the Department of Diagnostic Radiology and Organ Imaging, and Hong Kong Jockey Club Centre for Osteoporosis Care & Control of the Chinese University of Hong Kong. Co-organizers included the International Chinese Hard Tissue Society (ICHTS), Chinese Speaking Orthopaedic Society (CSOS), The Bone and Joint Decade (BJD), and the Orthopaedic Committee of the Chinese Medical Association.

The theme of this workshop was “Exploring the potential of microCT, pQCT, high-resolution MRI and evaluation of medicine and biomaterials developed for health care related to musculoskeletal conditions”. With the funding support from Professional Services Development Assistance Scheme, K.C. Wong Education Foundation and commercial sponsors, we had invited 27 world experts from Australia, Belgium, Canada, China, Denmark, Germany, USA, Switzerland, Taiwan and UK and 17 local experts. There were over 160 candidates participated in this symposium, around 30% of them were from overseas and 70% were local.

This symposium consisted of 44 lectures and there were 25 posters in the poster exhibition. 4 major areas were covered in this 2-day symposium. They were (1) basic principles,

technology advancement and applications in pQCT, QCT, microCT and High Resolution MRI; (2) bioimaging assessment of osteoporosis, osteoporotic fracture repair, drugs and biomaterial developed for prevention and treatment of osteoporosis and avascular necrosis of bone (osteonecrosis); (3) bioimaging in evaluation of osteoarthritis, osteoporosis and osteoarthritis and scaffold biomaterials for orthopaedic applications; (4) prevention of osteoporosis and osteoporotic fractures.

The symposium ended with excellent feedbacks from our participants. Both our speakers and participants agreed that the symposium could provide a forum for exploring future inter-institutional and multidisciplinary collaborations among academic institutions and industrial sectors locally, regionally and internationally.



Welcome Address by Prof. TF FOK
Dean of Medicine Faculty, The Chinese University of Hong Kong



Group Photo

Advanced Limb Deformity Correction Lengthening Workshop - November 17-18, 2005

Dr. Bobby NG

This workshop has been designed for practicing surgeons to bring them the latest development of deformity treatment and the application of current fixators for the treatment of the most difficult and challenging clinical problems. The course faculty was Professor John HERZENBERG from The Rubin Institute of Advanced Orthopedics in Baltimore, USA.

The first day program consisted of lectures on Taylor Spatial Frame, pelvic support osteotomy and treatment of congenital femoral deficiency. These were followed by two hands on dry bone workshop on Taylor Spatial Frame for the treatment of tibial deformity and Orthofix Limb Reconstruction System for pelvic support osteotomy for Girdlestone hip deformities which consisted of unstable hip, flexion contracture and gross shortening.

The lectures and dry bone work had all been excellent clearing a lot of fear about the complexity in the use of Taylor Spatial Frame. The technical aspect and pitfalls were all discussed.

Live clinical cases currently being treated had been presented for discussion which included achondroplasia tibial lengthening, correction of fibula hemimelia deformity and shortening, post septic femoral shortening and knee flexion contracture, hip and knee flexion and rotatory contracture following femoral lengthening for gross femoral shortening of 10 cm. Preoperative assessment of live demonstration cases were also presented in details and discussions were made on clinical assessment, correction strategy and technical planning and execution. Nothing could be better than such complete package of the delivery of theory, seeing some treated cases, working on dry bone followed by live surgical demonstration. The complete care of the cases concerned had been demonstrated through all the stages.

A delicious seafood dinner completed the first day with all participants able to talk to Professor HERZENBERG in the most relaxing atmosphere.

The second day operative demonstration was exciting. We had planned initially to have two demonstrations consisted of first a Taylor Spatial Frame fixation for the correction of very severe bilateral genu Varum on a patient with gross recurrent deformity from metaphyseal dysplasia. This has to be rescheduled as patient had developed URTI. We substituted this with first a bilateral medial epiphyseodesis of distal tibia with a screw fixation for the correction of progressive valgus deformity of ankle in a patient with congenital tibial pseudarthrosis. This is a very useful technique for angular deformity in growing child when there is asymmetric growth of the physis. It is a very useful technique with wide clinical application.

Then we moved to demonstration of the TSF on the PSO on the second patient with septic Girdlestone. Professor HERZENBERG demonstrated the minimal approach for the removal of previous metal works with mini- incision which TSF was fully and clearly demonstrated step by step. It was a technically difficult case and all the frame orientation, techniques of locating centre of the ring were all clearly demonstrated. The procedures were all superbly accomplished. There after two more minor procedures were demonstrated in soft tissue releases for flexion contracture of the hip and knee, exploration and decompression of the common peroneal nerve, release of the ilio-tibial band in the correction of the external tibial rotation secondary to ilio-tibial band scar contracture from previous surgery and application of extend cast brace connecting to tibial fixator with knee hinge for the correction of knee flexion contracture secondary to fibula hemimelia correction and lengthening.

Altogether 4 operative demonstrations were performed by one single faculty and this is going to be a record for some time. At the end of the procedure we entered the clinical data online to the Taylor Spatial Frame website and obtained the computer print out prescription for the deformity correction. Patients were all well after surgery. Through out the operative demonstrations, we discussed on clinical cases during quiet times and the whole workshop had been fully occupied and fulfilling. Many of the participants were staying till the very end as it was so interesting. Judging by their attention they had paid to the workshop, it had been a great learning experience and all the hard work that had been put into it were all worthwhile.

I would like to thank the following persons who should take credit for the success of the meeting because of their hard work: Professor KS LEUNG and Professor Jack CHENG for their guidance and supervision, Miss Margaret LAI for her superb administration and coordination, Dr KL LIU and Dr Yvonne LAU for the preparation of this workshop, Eric NG and Billy CHEUNG for their ingenious preparation of most authentic dry bone models, Dr Ning TANG as the workshop table assistant, Dr SB WONG for OT assistance, OT Nurses, Anaesthetic colleagues, X-rays technicians for their hard work, Smith & Nephew and Orthofix for the instrument supply and educational support.



Demonstration of Taylor Spatial Frame for the treatment of tibial deformity by Prof. HERZENBERG

International Symposium on Fall and Fracture Prevention for the Elderly – September 17, 2005

Patrick SZE

The International Symposium on Fall and Fracture Prevention for the Elderly, Hong Kong was held on the 17th of September, 2005, which was organized by the Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong.

18 local and overseas guest speakers from different fields including geriatricians, orthopaedic surgeons, family physicians, physiotherapists, occupational therapists as well as social workers shared their expertise of fall and fracture prevention during the symposium. There were over 450 participants from medical and social welfare settings joined this symposium.

The aim of this international symposium was to share among experts from various fields for an intensive discussion on how to prevent falls and related injuries. Latest knowledge on specific fall and fracture prevention strategies and experience of organizing community and hospital based fall and fracture prevention programs in Hong Kong were also introduced to all participants.



Prof. J CAMPBELL (Left) and Prof. RUBENSTEIN (Right)

Program Summary July – December 2005

Course Name	Date	Invited Speakers	Participants	
			Target	Number
Trauma Management Workshop with Cast Application	July 10	Local Faculty	Orthopaedic Nurses and junior orthopaedic trainees	30
Case Conference on “Congenital Anomalies of the Hands”	July 11	Dr. R HABENICHT, Germany	Orthopaedic Surgeons	20
Workshop on VATS Spinal Surgery	August 20	Dr. D J ROSENTHAL, Germany	Orthopaedic Surgeons	15
International Symposium on Fall and Fracture Prevention for the Elderly	September 17	Prof. KR DAI, China Prof. FX PEI, China Prof. J CAMPBELL, New Zealand Prof. L RUBENSTEIN, USA Local Faculty	Clinicians, Nurses, Social Workers and Community Workers	470
Micro Surgery Course	October 9-11	Local Faculty	Local Surgeons	8
2005 International Symposium on Quality of Bone and Scaffold Biomaterials evaluated by microCT, pQCT, QCT and MRI	October 17-18	27 overseas speakers from Australia, Canada, China, Denmark, Germany, Japan, Taiwan, Switzerland, UK & USA Local Faculty	Clinicians, Radiographers, Biomedical Engineers and Research Scientists	144
2005 Osteoporosis Symposium	November 14	6 speakers from China Local Faculty	Orthopaedic Surgeons, Research Scientists	32
Advanced Limb Deformity Correction Lengthening Workshop	November 17-18	Prof. J HERZENBERG, USA Local Faculty	Orthopaedic Surgeons	15
9th Advanced Trauma Course – Workshop on Fluoro-navigation in Orthopaedic Trauma	November 20	Dr. F LANGLOTZ, Switzerland Local Faculty	Orthopaedic Surgeons	28
First Sonic Fusion Clinician Team Meeting	November 28	Mr. B ROBIONECK, Germany Mr. R PRAGEWR, Germany Mr. C LUTZ, Germany Mr. J ARNOLDI, Switzerland Dr. P PROCTER, Switzerland Mr. P HENRY, Switzerland	Orthopaedic Surgeons, Research Scientists	12
Comprehensive Bioskill Course on Fracture Fixation (XIV)	December 10-12	Prof. JM FERON, France Local Faculty	Orthopaedic Surgeons in Asia Pacific	34
Micro Surgery Course	December 31, 05 – January 2, 06	Local Faculty	Local Surgeons	10