



Learn and Practice to Serve Better

香港中文大學  
矯形外科及創傷學進修培訓中心

Orthopaedic Learning Centre  
The Chinese University of Hong Kong

NEWSLETTER

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## Editor's Notes

In the past seven years, our center has successfully organized over 120 courses for orthopaedic professionals in various levels and specialties.

There is an increasing demand by orthopaedic surgeons from all parts of the world to review the educational materials for the courses that we have organized. We will modify our webpage and enrich the content by starting to post the educational resources in our website this month.

Please check out the new version of our website at [www.olec-cuhk.org](http://www.olec-cuhk.org).

## Editorial Board

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## Program Report

### Symposium on Quad-sparing Total Knee Replacement – February 18, 2006

Dr. KH CHIU

The Symposium on Quad-Sparing Total Knee Arthroplasty was held on February 18, 2006 in the Orthopaedic Learning Centre, Prince of Wales Hospital. We had invited Prof Alfred Tria as our speaker. Prof Tria is the Associate Professor of St Peter's University Hospital, Robert Wood Johnson Medical School, New Brunswick, New Jersey, United States. Prof Tria is an expert in total knee arthroplasty, especially in the fields of minimal invasive technique and computer aided surgery. This workshop was supported by Zimmer Pte. Ltd.

The symposium was a half day course held in a Saturday afternoon with an attendance of 47 local orthopaedic surgeons, both from the public and private sectors. The symposium started with a live surgical demonstration of Quad-Sparing total knee arthroplasty by Prof Tria. Prof Tria demonstrated how he could perform a total knee arthroplasty with a 10cm wound and without cutting through the quadriceps tendons and muscles. He showed the participants the new instruments and implants being used in the surgery. The participants were amazed by his surgical skill and technique. The live surgical demonstration was followed by lectures on results and pitfalls in Quad-Sparing total knee arthroplasty. The response from the participants was good and the symposium ended in the evening with applause.

Quad-Sparing total knee arthroplasty is one of the least invasive knee replacement procedures available today. It is designed to make surgery and rehabilitation easier on patients.

It allows surgeons to perform total knee arthroplasty surgery without cutting through the quadriceps tendon and muscles, which control bending of the knee. It may allow some patients to recover and return to daily activities sooner than they would have after traditional knee replacement surgery. We hope our patients can enjoy the benefits from this kind of minimal invasive surgery in the future.

Finally, we would like to take this opportunity to thank colleagues of the Department and staff of the OLC for their great support to make this symposium successful.



Prof. Alfred TRIA



Live Surgical Demonstration by Prof. Alfred Tria

### Comprehensive Bioskill Course on Fracture Fixation

In the past six years, our center together with Asian Association for Dynamic Osteosynthesis (AADO) has organized 15 Comprehensive Bioskill Courses on Fracture Fixation and have trained more than 450 orthopaedic surgeons coming from China, India, Japan, Malaysia, Singapore, Thailand and Hong Kong.

This three-day workshop provides a comprehensive exposure to fracture management from theory to clinical application and hands-on practice. The objectives of this course are to set the standards of operative treatment of fractures; to introduce the principles and recent advances in operative treatment of fractures; to provide hands-on experience with the standard operative instruments in fracture fixation; to provide chances for exchange of clinical experience in fracture management through interactive discussion on clinical cases and to cultivate fraternity among those who are interested in orthopaedic trauma.

To enrich the content of this course, a specialty theme was introduced since 2002 onward in each Comprehensive Bioskill Course on Fracture Fixation. The specialty themes we have adopted in past 6 years included Pelvi-acetabular Fractures, External Fixation of Fractures, Intramedullary Fixation of Fractures and Proximal Femoral Fractures. Besides, we have updated the features of this course from time to time, for example, the internet broadcast was introduced in 2001; the surgical navigation was introduced for distal locking practice in 2002; the simultaneous interpreting system of English and Mandarin was introduced in 2002; the surgical techniques of Gamma 3 was introduced in 2003 and the surgical techniques of locked plate was introduced in 2004.

### Web Page Update

Our center is pleased to present the new look of our homepage at [www.olc-cuhk.org](http://www.olc-cuhk.org)

In order to make a comprehensive educational website that all orthopaedic professionals can access easily, we will enhance our content by adding "education resource" in the tool bar of our homepage.

The education resource comprises of video capture of lectures and case discussions of our department's meetings, course materials from the courses and workshops organized by our department, dissection videos and we will also invite senior orthopaedic surgeons to submit education materials to post on our website.

Go and check out the new version of our homepage now at [www.olc-cuhk.org](http://www.olc-cuhk.org)!

Finally, we would like to thank all speakers who have sharing their expert with our participants. They are Dr. G ANTONIO from Hong Kong, Dr. KH CHIU from Hong Kong, Prof. JM FERON from France, Prof. J GRIFFITH from Hong Kong, Dr. PS KO from Hong Kong, Dr. CC KONG from Hong Kong, Dr. SK KOU from Hong Kong, Dr. TP LAM from Hong Kong, Dr. P LIU from Hong Kong, Dr. WK NGAI from Hong Kong, Prof. JM RUEGER from Germany, Prof. M ROSENWASSER from USA, Dr. WY SHEN from Hong Kong, Dr. G TAGLANG from France, Dr. N TANG from Hong Kong, Dr. HF TSUI from Hong Kong, Dr. R VARSALONA from Italy, Prof. MY WANG from China, Dr. QG WANG from China and Prof. ZA ZHU from China,.

In the future we will continue to enhance the program and invite the world leading experts to share their valuable experience with our participants.



Hands-on practice with supervision of Prof. KS LEUNG



Prof. TAGLANG explaining the technique of femoral nail

Finally, we appreciate your feedback on our layout and design. Please let us know what you think by leaving your comments on [olc@ort.cuhk.edu.hk](mailto:olc@ort.cuhk.edu.hk)



New look of our website

## Program Summary January – June 2006

Course Name	Date	Invited Speakers	Participants	
			Target	Number
The 6th Advanced Bioskill Workshop in Total Joint Replacement 第六屆高級全關節置換技術課程	Feb 18-19	Prof. Alfred Jacques TRIA JR, USA Local Faculty	Local Orthopaedic Trainees	16
Symposium on Quad-sparing Total Knee Replacement	Feb 18	Prof. Alfred Jacques TRIA JR, USA Local Faculty	Orthopaedic Surgeons	47
IAEA/RCA Training Course on Nuclear Techniqueto Measure Calcium Bioavilability & Bone Mass Density	Feb 20-24	Prof. John SHEPHERD, USA Ms Kimberly O'BRIEN, USA Mr. Warren LEE, UK	Members of International Atomic Energy Agency	20
Sonic Fusion Clinical Meeting	Mar 11	Prof. V BUEHREN, Germany Mr. K DORAWA, Germany Prof. T KOSSMANN, Australia Mr. R PRAGER, Germany Mr. B ROBIONECK, Germany Prof. T MATSUSHITA, Japan Dr. P PROCTER, Switzerland Dr. R SANDERS, USA Mr. N ZANDER, Germany	Orthopaedic Surgeons, Research Scientists	12
Basic Flap Surgery from Principles to Rehabilitation	Mar 19	Local Faculty	Nurses	32
CUHK - AADO Comprehensive Bioskill Course in Fracture Fixation (XV) 第十五屆骨折固定技術綜合課程	Apr 8-10	Dr. R VARSALONA, Italy Local Faculty	Orthopaedic Surgeons from Asia Pacific Region	36
Preparatory Course of Exit Examination	Apr 12	Mr. K SHERMAN, UK Mr. M PETERSON, UK Local Faculty	Local Orthopaedic Trainees	23
Microsurgery Basic Course	Apr 14-16	Local Faculty	Local Surgeons	10

## Program Announcement

### 10th Advanced Trauma Course (September 16-17, 2006)

**Aim:** To enhance the technique on using fluoro-navigation system in spinal fractures, hip screw fixation, gamma nailing, long bone fractures, pelv-acetabular fractures and tumor resection

**Program Structure:** The program consists of lectures, live surgery and hands-on workshop with Navigation Models and Stations

**Invited guest speakers:** Dr. J Mocezuma (Germany), Prof. Tian Wei (Beijing)

**Target participant:** Orthopaedic surgeons over 4 years experience

**Capacity:** 30

**Duration:** 1.5 days

**Accreditation:** To be confirmed

**Tuition fee:** HK\$3,500 (US\$450)

**Website:** [www.olc-cuhk.org](http://www.olc-cuhk.org)

**For updated course information please visit our web site: [www.olc-cuhk.org](http://www.olc-cuhk.org)**

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## *Program Announcement*

### *Workshop on Musculoskeletal Oncology and Reconstructive Surgery (September 21-22, 2006)*

**Aim:** It aims to enhance knowledge on the principle and preoperative planning of limb salvage surgery. This workshop also presents a unique opportunity to meet some of the pioneers in Megaprosthesis development for Limb Salvage Surgery

**Program Structure:** This program consists of lectures, demonstrations, hands-on workshops and case discussion  
**Invited guest speakers:** Prof. Mario MERCURI (Italy), Dr. Paul UNWIN (UK), Dr. GUO Wei (China), Dr. NIU Xiaohui (China)  
**Target participant:** Orthopaedic surgeons  
**Capacity:** 50  
**Duration:** 2 days  
**Accreditation:** 6 Cat A CME or 2 Rehab or 6 Training Points (by HKCOS)  
**Tuition fee:** local – HK\$1,600 Overseas- HK\$2,200 (US\$285)  
**Website:** [www.olc-cuhk.org](http://www.olc-cuhk.org)

### *Cervical and Lumbar Artificial Disc Replacement Workshop (October 20-21, 2006)*

**Aim:** The workshop is aims to introduce the principle and technique on cervical disc and lumbar disc replacement. Our faculty will share their experience on using this technique and provide surgical technique tips & tricks with our participants

**Program Structure:** The program consists of lectures, live OT demonstration and hands-on workshops on models and specimen (depends on availability)  
**Invited guest speakers:** Dr. Wicharn YINGSAKMONGKOL MD (Thailand), Dr. Wai Man YUE MD (Singapore)  
**Target participant:** Orthopaedic surgeons  
**Capacity:** Lecture: 40 Workshop: 20  
**Duration:** Lecture: 1.5 days Workshop: half day  
**Accreditation:** Lecture and live surgery demonstration – 2 Cat A CME or Training Points (by HKCOS)  
Hands-on workshop – 5 Cat A CME or 2 Rehab or 5 Training Points (by HKCOS)  
**Tuition fee:** Lecture & Live Surgery Demonstration – HK\$800 (US\$105)  
Lecture, Live Surgery Demonstration and Hands-on workshop – HK\$2,500 (US\$325)  
**Website:** [www.olc-cuhk.org](http://www.olc-cuhk.org)

### *Computer Assisted Orthopaedic Surgery in Spinal Surgery (November 10, 2006)*

**Aim:** To enhance the technique on using navigation system in spinal surgery

**Program Structure:** This program consists of lectures, live OT demonstration and hands-on workshops  
**Invited guest speakers:** Prof. Rudolf W. BEISSE, MD (Germany), Prof. Yoshihisa KOTANI (Japan)  
**Target participant:** Orthopaedic surgeons  
**Capacity:** 40  
**Duration:** 1 day  
**Accreditation:** To be confirmed  
**Tuition fee:** HK\$800  
**Website:** [www.olc-cuhk.org](http://www.olc-cuhk.org)

### *International Symposium on Vibration Therapy (December 9-10, 2006)*

**Aim:** To update the latest technology on low magnitude, high frequency vibration therapy and its applications The symposium will discuss on the mechanism of vibration therapy; the advances in vibration technology and the future development of vibration therapy

**Program Structure:** Lecture and discussion  
**Invited guest speakers:** Prof. P AUGAT (Germany), Prof. Y FAN (China), Prof. A GOODSHIP (UK), Prof. S JUDEX (USA), Prof. D MARSH (UK), Prof. KJ McLEOD (USA), Prof. J RITTWEGGER (Germany), Prof. CT RUBIN (USA), Prof. J RUBIN (USA), Dr. P PROCTER (Switzerland), Dr. H SCHUBERT (Germany), Dr. R TALISH (USA), Prof. B WALSH (Australia), Prof. FY ZHUANG (China)  
**Target participant:** Clinicians, Biomedical Engineers, Nurses, Physiotherapists, Occupational Therapists  
**Capacity:** 100  
**Duration:** 1.5 days  
**Accreditation:** To be confirmed  
**Tuition fee:** Local – HK\$800 Overseas- HK\$1,000 (US\$130)  
**Website:** [www.ort.cuhk.edu.hk/isvt2006](http://www.ort.cuhk.edu.hk/isvt2006)