

Immersive Experience: Navigation for Bone Tumors (CATS)

Saturday Nov 6, 2010,

Orthopaedic Learning Centre & CAOS Lab

Dept of Orthopaedics & Traumatology, Prince of Wales Hospital

The Chinese University of Hong Kong, Hong Kong

Time	Workshop Details	Faculties
08.15 – 08.45	Visualization: <ul style="list-style-type: none"> • Understanding Segmentation • Emerging trends and Novel Technologies 	Shekhar Kumta
08:45 – 09:15	Navigation (CATS): <ul style="list-style-type: none"> • General Principles, Workflow and Clinical experience 	KC Wong
09.15- 09.45	Navigation (CATS): <ul style="list-style-type: none"> • Jishuitan Hospital's experience 	XH Niu
9.45-10.45	How to Use Tumor Navigation software (Ortho Map-3D): demonstration	Kumta, KC Wong, Thomas Tse, Eric Ng, KS Lee
10.45-11.00	Coffee Break	
11.00-12.15	Exercise 1A: How to perform registration in CT based navigation (sawbone practice in different regions)	All faculties
12.15-13.15	Exercise 2A: Preoperative Navigation Planning for PII resection of a Pelvic Tumor + CAD custom pelvic prosthesis	All faculties
13.15 -14.15	Lunch & group photo	
14.15-15.00	Exercise 2B: Intraoperative Navigation (RP pelvic model from real patient's data) Basic Preparatory Set-Up	All faculties
15.00-16.15	Exercise 2C: Bone resection, prosthesis fitting and validation under navigation	All faculties
16.15 – 16.30	Coffee Break	
16.30-17.00	Extended applications and new development in CATS	Kumta, KC Wong, Thomas Tse, Eric Ng, KS Lee
17.00-17.30	Discussion, and course evaluation	All faculties

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