

## Poster Abstracts

### PO-88

#### **SIMULATION TRAINING IN TOXICOLOGY – THE NEXT STEP IN TOXICOLOGY TRAINING IN HONG KONG?**

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**Background:** In year 2015, there were 107 deaths related to drugs and poisons in Hong Kong<sup>1</sup>. Timely and appropriate management by well-trained emergency physicians (EP) are crucial to save lives of poisoned patients. We describe the development of toxicology training in Hong Kong and forecast on its future development.

The Drug and Poisons Information Bureau<sup>2</sup>

Established in year 1987, under the Division of Clinical Pharmacology, the Chinese University of Hong Kong, it provided toxicology consultation service to acute care physicians. However, there was no formal clinical toxicology training until early 2000, when individual enthusiastic EP returned to United Christian Hospital (UCH) after receiving elective training in Poison Control Centres in the United States.

Toxicology Monthly Meeting<sup>3</sup>

The initial intra-departmental toxicology meeting in UCH extended in August 2000 to regular monthly inter-departmental meeting involving interested EP from eight emergency departments. About half year later, this meeting was recognized by the Hong Kong College of Emergency Medicine (HKCEM) as formal educational activity.

Basic Clinical Toxicology course<sup>3</sup>

First organized in year 2002, this 2-day course is now compulsory for new Emergency Medicine trainees since July 2015.

Hong Kong Poison Information Centre (HKPIC)<sup>3</sup>

Found in year 2005, HKPIC provided 24-hour toxicology consultation service since July 2007. It now coordinates the Toxicology Monthly Meeting, organize the Basic Clinical Toxicology course and the 9-month Clinical Toxicology Certificate course for health care providers. Furthermore, HKPIC and HKCEM jointly run a quotable 1-year Diploma in Clinical Toxicology course [Dip Clin Tox (HKCEM & HKPIC)] for EP.

Hospital Authority Toxicology Services Scientific Conference

This is an annual event gathering local and foreign toxicologists for mutual knowledge sharing and update.

Clinical Toxicology Specialist<sup>4</sup>

In April 2016, the Medical Council of Hong Kong formally accepted 'Clinical Toxicology' as a new

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specialty in the Specialist Register. This would be accompanied by a structured Clinical Toxicology specialist training program.

Simulation-based education (SIM) in future SIM can provide training and assessment platform for all toxicological emergencies, including rare but clinically-important conditions. SIM had been shown to associate with greater toxicological knowledge retention than lecture-based education at 3 months<sup>5</sup>. Although there is not yet any Toxicology Simulation course in Hong Kong, with more SIM Educator trained by various centres, including the Hong Kong Jockey Club Innovative Learning Centre for Medicine and in the ten Hospital Authority Simulation Training Centres, SIM in toxicology is likely the next major step in toxicology education in Hong Kong.

(399 words)

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