

# **Legionella Workshop**

## **Organizers:**

- Hong Kong College of Pathologists
- Hong Kong Society for Microbiology and Infection
- Infection Control Branch, Centre for Health Protection (CHP) / Infectious Diseases Control Training Centre, Hospital Authority

## **Overseas speakers (Expert Advisors to WHO for drafting of 2007 guideline “Legionella and the prevention of legionellosis”):**

- Dr. David Cunliffe, Principal Water Quality Adviser, Department of Health, South Australia, Australia
- Dr. Richard Bentham, Senior Lecturer in Public Health Microbiology, Flinders University, Australia

## **Target participants:**

- Clinical microbiologists
- Laboratory scientific and technical staff
- Epidemiologists
- Engineering/maintenance staff

## **Continuing Medical Education:**

- The Hong Kong College of Pathologists
- 1 CME/CPD point per 1 hour passive participation

## **Continuing Professional Development:**

- Medical Laboratory Technologists Board
- Assigned CPD numbers and points:
  - 3 December 2007 a.m. (Lectures): 06070011 (3.5 CPD points)
  - 3 December 2007 p.m. (Lectures): 06070021 (1 CPD point)
  - 3 December 2007 p.m. (Laboratory demonstration): 06070031 (1.5 CPD point)
  - 4 December 2007 a.m. (Lectures): 06070041 (3 CPD points)
  - 4 December 2007 p.m. (Site visit): 06070051 (3 CPD points)
  - 5 December 2007 a.m. (Lectures): 06070061 (3 CPD points)

## Timetable:

### Day 1

<b>3 December 2007 (Monday)</b>			
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>	<b>Venue</b>
<b>8:45 – 9:00 a.m. Registration</b>			Centre for Health Protection, Argyle Street, Kowloon
09:00 – 09:10	Welcome and introduction	Organisers	
09:10 – 09:55	Epidemiology of various <i>Legionella</i> species (human and environment), including ecology of <i>Legionella</i> in the built environment	Dr. Richard Bentham	
09:55 – 10:40	Overview of legionella infection in Hong Kong & public health case investigation	Dr. Kelvin Low, Surveillance and Epidemiology Branch, CHP, Hong Kong	
<b>10:40 – 11:00 Tea break</b>			
11:00 – 11:30	Laboratory diagnosis of <i>Legionella</i> infection in human in the clinical laboratory, with discussion on the pros/cons of available methodologies	Dr. Richard Bentham	
11:30 – 12:00	Clinical case study (1): Clinical diagnostic aspects	Dr. Samson Wong, University of Hong Kong	
12:00 – 13:00	Application of epidemiological typing techniques for legionellosis	Dr. David Cunliffe and Dr. Richard Bentham	
<b>13:00 – 14:00 Lunch</b>			
14:00 – 14:30	Clinical case study (2): Epidemiological typing aspects	Dr. Janice Lo, Public Health Laboratory Services Branch, CHP, Hong Kong	Centre for Health Protection, Argyle Street, Kowloon
14:30 – 15:00	Investigation of legionella cases	Dr. David Cunliffe	
<b>15:00 – 15:30 Tea break</b>			
15:30 – 17:00	Laboratory demonstration	Dr. Richard Bentham and organizers from Hong Kong	Kowloon Hospital, Argyle Street, Kowloon

## Day 2

<b>4 December 2007 (Tuesday)</b>				
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>	<b>Venue</b>	
09:00 – 09:30	Risk management	Dr. Richard Bentham	Centre for Health Protection, Argyle Street, Kowloon	
09:30 – 10:00	Case series of Legionnaires' disease from a public hospital	Dr. Wilson Lam, Hospital Authority, Hong Kong		
10:00 – 10:30	Laboratory diagnosis of <i>Legionella</i> in environmental samples including collection of representative samples	Dr. Richard Bentham		
<i>10:30 – 11:00 Tea break</i>				
11:00 – 11:30	Public health engineering and system assessment	Dr. Richard Bentham		
11:30 – 12:30	Control measures and their monitoring for legionellosis - cooling towers, water distribution systems, respiratory equipment, spa baths and pools, hospital ice machines and other devices	Dr. Richard Bentham and Dr. David Cunliffe		
<i>12:30 – 14:00 Lunch</i>				
14:00 – 17:00	Site visit of water systems	Dr. Richard Bentham, Dr. David Cunliffe and organizers from Hong Kong	Queen Elizabeth Hospital, Kowloon	

## Day 3

<b>5 December 2007 (Wednesday)</b>				
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>	<b>Venue</b>	
09:00 – 09:30	Key issues on infection control of legionella in the hospital	Dr. WH Seto, Hospital Authority, Hong Kong	Centre for Health Protection, Argyle Street, Kowloon	
09:30 – 10:00	Considerations and process of drafting a code of practice for control of legionellosis in man	Dr. David Cunliffe		
10:00 – 10:45	Introduction and explanation of principles and practices of various standards (AS/NZS 3666, SAANZS HB32, AS/NZS 3896:1998, AS/NZS 4360)	Dr. David Cunliffe		
<i>10:45 – 11:15 Tea break</i>				
11:15 – 12:15	Principles and elaboration of new SA code of practice	Dr. David Cunliffe		
12:15 – 12:45	Open forum			
12:45 – 12:50	Closing	Organisers		

## Registration procedures

- Please complete the following details and return via fax to **2782-6385**.
- Registration deadline: **19 November 2007**.
- For registration for lectures, successful registration can be assumed if you do not receive notice to the contrary.
- For registration for the laboratory demonstration and site visit of water systems, there is a quota which will be filled on a first-come-first-served basis, with priority for fellows/members/trainees of the Hong Kong College of Pathologists, members of the Hong Kong Society for Microbiology and Infection, and staff of the Infection Control Branch, CHP / Infectious Diseases Control Training Centre, Hospital Authority. Successful registrants will be informed individually.

### Personal details:

Name: \_\_\_\_\_

Institution: \_\_\_\_\_

Contact telephone number: \_\_\_\_\_ E-mail address: \_\_\_\_\_

### Affiliate of following organizations (please circle as appropriate):

- Fellow/ member/trainee of the Hong Kong College of Pathologists
- Member of the Hong Kong Society for Microbiology and Infection
- Staff of the Infection Control Branch, CHP / Infectious Diseases Control Training Centre, Hospital Authority

### Attendance preferences (please ✓ as appropriate):

Date	3 <sup>rd</sup> December		4 <sup>th</sup> December		5 <sup>th</sup> December
	AM	PM	AM	PM	AM
Lecture					
Laboratory demonstration					
Site visit of water systems					

Telephone enquiries: 2958-6843