



DEPARTMENT OF MICROBIOLOGY

Faculty of Medicine, University of Colombo

P O Box 271, Kynsey Road, Colombo 8, Sri Lanka

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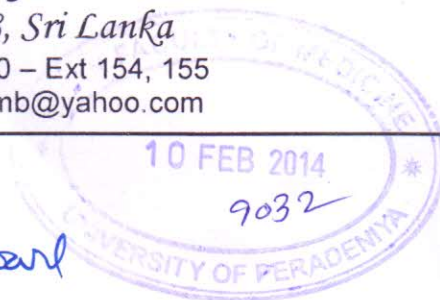
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February 3, 2014

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Faculty of Medicine
University of Peradeniya
Peradeniya

e-note Barl



Dear Sir / Madam

e-Certificate Course on Infection Prevention & Control for Doctors, Infection Control Nursing Officers and all health care professionals – Faculty of Medicine, Colombo

Infection Control (IC) practices are time tested interventions that reduce patient morbidity and improve patient safety by decreasing hospital acquired infections. This is a crucial factor determining quality of care in health care settings. Research has shown that IC decreases costs incurred by hospitals and patients.

Current trends in services show that responsibility of infection control is not confined to Infection Control Nursing officers anymore as team work between different health care professionals is mandatory for successful and sustainable implementation of infection control practices in a hospital.

The Department of Microbiology, Faculty of Medicine, Colombo is offering a certificate course (extending over 6 months) delivered through the online learning mode to enable access by **All** groups of health care professionals dispersed throughout the island.

The prospectus and application form is enclosed and the information is also available in the Department of Microbiology website.

(URL: <http://www.med.cmb.ac.lk/index.php/departments-of-micro-othercourses>)

Please circulate this to all departments of your organization to enable interested persons to apply.

Thanking you

Yours sincerely

Professor Jennifer Perera
Head & Senior Professor of Microbiology
Course Director

Prospectus - January 2014
Certificate course in Infection Prevention & Control

Conducted by the
Department of Microbiology
Faculty of Medicine, University of Colombo

Introduction

Hospital associated infections are a leading cause of increased morbidity and mortality in patients and healthcare workers. They add to the health expenses of the country which is already unable to provide essential requirements. Most importantly these infections can be prevented by implementing proper infection control programs.

The main obstacle to achieving this goal is the inadequacy of healthcare personnel trained in infectious disease and infection control. This course is aimed at developing skills and knowledge on infection control among healthcare workers and thereby achieving better standards of infection control in hospitals.

In view of the above, the Faculty of Medicine, University of Colombo is offering a certificate course in infection prevention and control to provide knowledge and skills and to impart correct attitudes in preventing, controlling and monitoring healthcare-associated infections through infection prevention and control.

This will provide support to infection control professionals, healthcare organizations and healthcare providers in the development, implementation and evaluation of infection prevention and control policies, procedures and programs to improve the quality and safety of health care and patient outcomes.

Aim of the course:

To develop knowledge, skills and competencies required for infection control in health care settings.

Target group:

This course is intended to improve the knowledge and skills on infection prevention and control in health care professionals responsible for the prevention of healthcare-associated infections in all settings, whether hospitals, clinics or family practice offices. The specific personnel include doctors and other healthcare professionals (nurses, physiotherapists, medical laboratory technicians and healthcare administrators).

Learning outcomes:

At the completion of this course the participants will be able to,

- acquire a good knowledge on the principles of infection prevention and control (IPC) and be able to apply them in their work settings
- Identify the link between suboptimal IPC practices and increased rates of hospital acquired infections affecting patients safety
- maintain the expected standards of infection control during various procedures and in different settings
- Identify procedures and practices in work settings that increase the risk of hospital associated infections
- implement behavior change strategies on implementing IPC and evaluate the outcome
- recognize impending outbreaks of hospital acquired infections early and act to prevent further spread
- manage special situations such as outbreaks with the infection control team
- apply principles of hospital waste management as a component of IPC
- establish, monitor and evaluate an infection prevention and control programme in a health care setting
- acquire skills on communication, team work and Interprofessional collaboration

Orientation:

One day initiation workshop will be held to provide hands on computer training

Entry requirements:

Candidates other than doctors should have passed the GCE Advanced Level Examination and should have work experience of at least one years in a healthcare setting and be currently employed in a healthcare sector organisation. Candidates should have a credit pass in English at the GCE Ordinary Level examination.

Admission process:

A duly completed application form should be submitted with documentary evidence of qualifications and required experience. An objective marking scheme will be used for assessing the applications of candidates

All the applicants who meet the eligibility criteria should sit a computer based English Language examination and should score 50%. The first 100 applicants as per ranking order based on the final mark will be selected for the course.

Time duration:

Approximately 100 hours online work over 6 months.

Delivery mode :

Blended mode (online self learning, tutorials & discussion)

The method of delivering this course will be by online learning, through self learning material, video clips and online discussions.

Course fee : Sri Lankans - Rs 30,000/-

Overseas candidates - US \$ 400/-

The payment could be made using following formats:

- (1) Cash paid at the Department of Microbiology, Faculty of Medicine Colombo
- (2) AC payee Cheques written in favor of Faculty of Medicine, Colombo and mailed to :
Head, Department of Microbiology, Faculty of Medicine, PO Box 271, Kynsey Road, Colombo 8
- (3) For internet banking or bank transfer, please use the following information:
Bank - Peoples Bank, Town Hall branch
Account name – Faculty of Medicine Colombo
Account No –167100113170313
and mail the bank slips to the above address

10% of the best performers at the final assessment will receive a reimbursement of their course fee through a scholarship programme.

Name & Address of the Course Director: Professor Jennifer Perera, Senior Professor of Microbiology, Department of Microbiology, P O Box 271, Faculty of Medicine, Colombo. (Telephone: 011 2697513; 0776096002)

Course Content:

Content will be covered under 5 modules.

No	Modules & No of allocated hours	Content
1	(a) Introduction to Infection control (10hrs) Breakdown 08 hrs – self learning 02 hrs online discussions	Hospital acquired infections Basics of infection prevention & control Organization of infection control Standard precautions Additional precautions Hand hygiene Patient placement & isolation
	(b) Cleaning, disinfection and sterilization & Healthcare waste management (8hrs) Breakdown 06 hrs- Self learning 02 hrs – online discussion	Antiseptics and disinfectants and selecting the cleaning & disinfection methods Cleaning & disinfection of the environment Cleaning, disinfection & sterilization of equipment & linen Quality assurance of sterilization procedures
2	(a) Infection control in clinical procedures (14hrs) Breakdown 12 hrs- Self learning 02 hrs – online discussion	Skin preparation IV catheters, Arterial catheters, Central venous catheters and their maintenance Urinary catheterization Tracheal suction & oral care Wound care & drains Infection control in surgical procedures Enteral feeding Bundle approach
	(b) Infection control in theatre community (10hrs) Breakdown 8 hrs- Self learning 2 hrs – online discussion	Operating theatres Anaesthesia
3	Infection control in specialized units (20 hrs) Breakdown 16 hrs- Self learning 04 hrs – online discussion	ICU Special care baby units Labour rooms Burns units Endoscopy units Dialysis units Dental practice Ophthalmology & ENT units Post mortem rooms Orthopaedic units and accident services Laboratories
4	(a) Management of outbreaks in health care settings (12 hrs) Breakdown 10 hrs- Self learning 02 hrs – online discussion	Introduction MRSA Respiratory tract infections Surgical site infections GI infections Scabies Varicella Multi drug resistant organisms

	(b) Hospital waste management (8hrs) Breakdown 07 hrs- Self learning 01 hr – online discussion	Introduction to hospital waste Hazardous waste management Disposal of the infectious waste in the hospital and laboratory
5	(a) Occupational health & safety for healthcare workers (8hrs) Breakdown 07 hrs- Self learning 01 hr – online discussion	Immunization programme Health and safety education and counseling Management of HCW potentially exposed to HBV, HCV or HIV Infection control in other infections
	(b) Monitoring and evaluation of the existing infection control programme (4 hrs) Breakdown 03 hrs- Self learning 01 hr – online discussion	Infection control team, role of administrators, Microbiologist, ICN & Liaison nurses Budgeting and stock maintenance Designing a monitoring plan Monitoring indicators Evaluation of results obtained through indicators
	(c) Communication, team work and Interprofessional collaboration (4hrs)	The relationships between interprofessional collaboration, patient centered care and safety. Working and communicating in interprofessional teams. Preventing and handling conflicts. Leading interprofessional teams

Assessment:

- A summative assessment will be conducted at the end of each of the five modules using online or face to face modes
- All online end of module assessments will have to be completed within a specified time period. Re-registration for specific modules will be required if the candidates fail to complete the course at designated time periods.

Those who achieve above 50% will be eligible for a “Diploma in Infection control and patient safety” awarded by the University of Colombo after completion of the certificate course in Patient safety (Subject to approval by the University of Colombo)

APPLICATION FORM

ONLINE CERTIFICATE COURSE IN
"INFECTION PREVENTION AND CONTROL"

Photograph

3.5 x 4.5 cm

1. Name in full:

2. Surname with Initials:

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3. Date of Birth:

D	D	M	M	Y	Y	Y	Y

4. National ID number:

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5. Designation:

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6. Address
(Official):

7. Address (Residence)

8. Address to which correspondence should be directed to: (Please tick ✓)

Official		Residence	
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9. Email address:

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10. Contact telephone number:

Official:		Residence:		Mobile:	
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11. Results of the English language Examination in G.C.E Ordinary Level Examination:

Year	Result

12. Results of the G.C.E. Advanced Level Examination:

Year	Subject	Results

13. Work experience :

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14. Computer Literacy

	Good	Average	Poor
MS Word			
MS Power point			
MS Excel			

15. Computer courses followed (if any):

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16. Educational Qualifications:

Degree/Diploma/Other	Year	Institute

17. Have you registered for a higher degree? (Please tick ✓)

Yes:		No	
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If yes;

Title of Degree	Year of Registration	Duration	Field of study	Institution

18. Past Work Experience:

Work Station	Duration of work	Designation

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This form should be completed & returned **ON** or **BEFORE** the **February 21, 2014** and send via email to microcmb@yahoo.com

Or by surface mail to **The Head, Department of Microbiology, Faculty of Medicine, P O Box 271, Kynsey Road, Colombo 08.**

Please attach scanned copies of educational certificate for e-mail / or photocopies of certified educational certificate for surface mail.

Please write **"Online Certificate Course in Infection Prevention and Control"** on the **TOP LEFT HAND CORNER** of the envelope.



Faculty of Medicine University of Colombo

e – LEARNING CERTIFICATE COURSE IN INFECTION PREVENTION & CONTROL

For Doctors, Nurses and other Health Care Professionals

March - September 2014



Main Topics Covered

- Introduction to infection control
- Cleaning, disinfection & sterilization
- Infection control in clinical procedures
- Infection control in theatre community
- Infection control in specialized units
- Management of outbreaks in healthcare settings
- Hospital waste management
- Occupational health & safety of healthcare workers
- Monitoring & evaluation of the existing infection control programme
- Communication, team work & interprofessional collaboration

Course Fee	Sri Lankans	Rs 30,000.00
	Overseas candidates }	US \$ 400.00

More Information

Professor Jennifer Perera
Head Department of Microbiology
Course Director

Telephone : 0112697513

e-mail : microcmb@yahoo.com

Postal Address :

Department of Microbiology, Faculty of
Medicine, No.25, P O Box. 271, Kynsey Road,
Colombo – 08.

Application form & Prospectus can be
downloaded at

<http://www.med.cmb.ac.lk/index.php/department-of-micro-othercourses>

Deadline for registration:

Applications for the 2nd intake close on **February 21, 2014**

The payment could be made using following formats:

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