



**SGH
PGAHI**

POSTGRADUATE
ALLIED HEALTH INSTITUTE

Continuing Professional Education Lecture: Decoding Antibiotic Susceptibilities & Applying Evidence-based Principles to Selection of Appropriate Antibiotic Regimens 23 February 2022

Synopsis

Antibiotic resistance has increased significantly over the past two decades with a myriad of resistance genes spreading worldwide. Given our position as a medical hub for the region, Singapore is not spared. Our local microbial epidemiology is different from that of the United States and Europe. Hence, international guidelines from these countries on the treatment of multi-drug resistant infections may not be fully applicable in our local context because of differing antibiograms and drug availabilities. As inappropriate antibiotic treatment increases patients' odds of mortality (OR 2.28; 95% CI, 1.43-3.65; P =0.0006; Kuti et al. J Crit Care 2008 Mar;23(1):91-100), it is crucial to be able to discern common resistant phenotypes in our practice. This will enable us to institute appropriate and evidence-based antibiotic regimens early in our patients, thereby increasing their likelihood of treatment success.

After the lecture, the participants will be able to gain an understanding on:

- How antibiotic susceptibility is determined and interpretation of common resistant phenotypes
- Evidence-based principles of antibiotic selection based on commonly encountered resistant pathogens

Speaker



Ms Winnie Lee
Specialist Pharmacist (ID)
Department of Pharmacy
Singapore General Hospital

Ms Winnie Lee is a critical care (ICU) and infectious diseases (ID) specialist pharmacist with almost 20 years' experience in SGH. Apart from providing direct patient care, she is also the pharmacy supervisor for SGH's antibiotic stewardship unit and serves as preceptor for national ID and ICU pharmacy residencies as well as undergraduate NUS pharmacy students. Currently, she is the Chairperson of the MOH Pharmacy Specialist Accreditation Committee for ID as well as a member of the MOH Pharmacy Specialist Accreditation Board and MOH Pharmacy Residency Accreditation Committee.

Ms Lee also sits on one of the SingHealth Institutional Review Board to help review studies for compliance to relevant policies and standards. A clinician who always challenges the status quo, she is passionate about pushing the practice frontiers in her specialty areas by research and exploring new ways of doing things differently via multidisciplinary collaborations.

Lecture Details

Date	: 23 February 2022, Wednesday
Duration	: 1 hour
Time	: 6.30 pm - 7.30 pm
Fee	: Complimentary
Platform	: Zoom Cloud Meetings

Target Audience

Pharmacists

Registration

To register, scan the following QR code or click on the web link. Registration closes on **4 February 2022, Friday**.



<https://form.gov.sg/61d590d6f46e87001220af35>

Upon registration, you agree to PGAHI [Terms & Conditions](#).

Zoom Capacity: 500

This lecture will be conducted via Zoom Cloud Meetings app. For ease of accessing the lecture, please download Zoom Cloud Meetings app.

Details of the lecture meeting link will be sent to the successful registrants nearer the lecture date.

Quick Links

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