Impact of Pharmacist-involved Collaborative Effort in Combating War on Diabetes in Singapore

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Abstract

Diabetes is one of the top chronic conditions that affects 11.3% of Singaporeans. Uncontrolled diabetes is associated with debilitating complications such as blindness, kidney failure and amputation. Suboptimally controlled diabetes can also contribute to heart complications such as stroke and myocardial infarction. In Singapore, heart diseases increase patient morbidity and mortality by as much as 60%. The incidence of diabetes increases with age, and this is of particular concern because Singapore has one of Asia’s fastest aging populations. Altogether, the war on diabetes, as declared by Singapore’s Health Minister, calls for an urgent need to proactively fight against this insidious condition to terminate detrimental consequences. This talk discusses the effectiveness of different pharmaceutical care approaches that have been set in place to combat diabetes. By the end of this talk, participants will be able to:

1. Discuss the impact of diabetes on Asia and Singapore
2. Discuss the structure of pharmacist-involved collaborative care models
3. Review data on pharmacist-involved collaborative interventions in combating diabetes

Biography

Associate Professor Joyce Lee is the Domain Leader for the Division of Clinical and Pharmacy Practice at the Department of Pharmacy. She is also the Director for PGY2 Ambulatory Care Pharmacy Residency Program in NUS, and holds a joint appointment as a Principal Clinical Pharmacist in Tan Tock Seng Hospital. She received her Doctor of Pharmacy Degree from University of California, San Francisco, School of Pharmacy, and Ambulatory Care Specialty Residency Certification from University of Southern California, School of Pharmacy.

A/P Lee has special interest in health services research. She has been actively involved in developing, implementing and expanding clinical services with a focus on diabetes and cardiovascular risk factors in the tertiary care hospital, polyclinics, and retail community. A/P Lee has received several grants from MOH, industry and private organizations for her work, mounting up to SGD3 million. As a dedicated educator, A/P Lee is also the recipient of numerous teaching awards including the Annual Teaching Excellence Awards in 2017 both at the Faculty and University levels.