

Identifying Gaps in AMI Care

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In this lecture, Dr Yeo will discuss the use of databases, registries and big data to identify gaps in the care of AMI patients. Drawing upon Singapore's experience, he will show how the Singapore AMI registry (SMIR) is used to track risk profiles and mortality outcomes in Singapore. SMIR is a state-mandated registry that tracks all AMI in Singapore and includes data from public and private hospitals. He will then show more advanced data grids can be used to capture data of greater detail, quantity and temporal resolution. Using SingCLOUD as an example, he will illustrate sequential data to show changes in the rates of physician prescription of statins in patients with AMI. SingCLOUD is a national program that includes all public hospitals and the Ministry of Health, and extracts administrative, clinical, laboratory, financial and prescription data in patients with heart disease. These data can then be used to identify gaps in AMI care. Only by identifying such gaps can we begin to improve the quality of care delivered to AMI patients.