

# Leading the Way

Mount Elizabeth Hospital hosts inaugural Singapore Cardiac Intervention Congress with Live Case Demonstrations for the regional cardiology community.

On 30 September and 1 October 2016, Mount Elizabeth Hospital played host to 79 interventional cardiologists and cardiac catheterisation lab staff from nine countries at its Singapore Cardiac Intervention Congress.

The Inaugural Singapore Cardiac Intervention Congress is conceptualised and brought to fruition by the organising chairman Dr Lim Ing Haan. It focused on Intravascular Imaging Technology with Optical Coherence Tomography (OCT) in cardiac intervention. Attendees were given the opportunity to participate in the review of evidence and clinical trials, hands-on training and a debate over the use of Intravascular Ultrasound (IVUS) versus OCT technologies.

The congress highlight was live case demonstrations where two Mount Elizabeth Hospital patients with complex coronary anatomy underwent cardiac coronary intervention



▲ Close to 80 attendees from nine countries gathered in Singapore for Mount Elizabeth's first Cardiac Intervention Congress.

▼ Organising Chairman of the Singapore Cardiac Intervention Congress Dr Lim Ing Haan (middle), Co-Chairman Dr Giulio Guagliumi, together with the faculty, pose together with Parkway Pantai Singapore Operations Division Chief Executive Officer, Dr Kelvin Loh (sixth from left), and Mount Elizabeth Hospital Chief Executive Officer, Phua Tien Beng (third from right).



while a panel of cardiologists featuring Dr Giulio Guagliumi, one of the pioneers of OCT technology, led a discussion in the hospital seminar room, where the procedures were transmitted live.

Within the cardiology practice, live case demonstrations are important forums for an objective discourse, where best practices can be established with expert opinions. As such discussions allow cardiologists to learn from one another in an open discussion, it was very well received.

Mount Elizabeth Hospital's Singapore Cardiac Intervention Congress 2016, was a resounding success. It was endorsed by Singapore Cardiac Society and Asia Pacific Society of Cardiology and supported by local cardiologists from Gleneagles Hospital, Mount Alvernia Hospital, National Heart Centre, National University Hospital, Tan Tock Seng Hospital, Changi Hospital, Khoo Teck Puat Hospital and Ng Teng Fong Hospital.



## LIVE CASE DEMONSTRATIONS

For the first time in two decades, Mount Elizabeth Hospital's cardiology specialists led two live case demonstrations with their patients' consent. As the first in the private sector in Southeast Asia to utilise a new and updated software in the OCT machine, the hospital took the opportunity to demonstrate the effectiveness of this highly specialised technology.



▶ Dr Lim Ing Haan and Dr Julian Tan led the first live demonstration on a 50-year-old patient who has stents in two other coronaries. OCT technology was used to guide the implantation of a Bioresorbable Stent in a moderately calcified vessel. This is an FDA-approved polymer scaffold that resorbs completely in three years, leaving no stents and no residual blockages.



▶ Dr Dinesh Nair and Dr Stanley Chia performed the second demonstration, using OCT technology to optimise the implantation of a Metallic Stent in a highly calcified, diffusely diseased vessel. Mount Elizabeth Hospital is among the first few hospitals in the region to be equipped with the Angiocoregistration software and Metallic Stent Optimisation software used in this procedure.