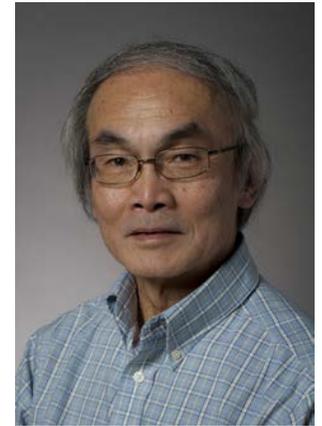


Research impact report: Dr. Yashu Coe

Pediatric cardiologist and researcher Yashu Coe says that one of the greatest fears his pediatric cardiac team at the Stollery Children's Hospital faces is that a patient will relapse in the middle of the night when no one is there to help. The team can't be everywhere at once and they're unable to permanently keep their patients in the hospital in order to monitor them.

Thanks to donations from the Evan Ty Jenkins Pediatric Research Foundation, through the Stollery Children's Hospital Foundation, Coe was able to purchase several pieces of equipment, such as the Kardia Mobile. It's a small handheld product that tracks patients' EKG levels and syncs to any smartphone. That way, patients can send their EKG reports to their cardiologist with the touch of a button. This device, among others acquired by Coe, allows patients to continue to live their lives and go to school while still receiving excellent personal care.



Today Coe and the rest of the team can analyze patients' vital stats without requiring them to physically be in the hospital. This allows his cardiac team to concentrate on a full-spectrum of care and provides patients with the freedom to self-monitor their heart health.

"We are very lucky that we are able to purchase these user-friendly pieces of equipment," says Coe. "They make it easier for our patients and their families."

Another piece of equipment purchased through the Stollery Children's Hospital Foundation is the Vivid q Ultrasound System, which is used by fetal cardiologists to examine and identify problems with fetal heart function before children are even born. This allows for earlier diagnosis and planning for both the parents and physicians.

This is all thanks to donors to the Stollery Children's Hospital Foundation who support innovative equipment that will help deliver ease of care to patients, as well as provide a brighter future through research.

Financial commitment

From December 2015 to December 2017, Yashu Coe has been provided with \$35,000, of which \$15,500 has been spent on equipment to continue his research within the pediatric cardiology program at the Stollery Children's Hospital and \$19,500 is still available. Details related to the equipment Coe has purchased are below.

Equipment purchased

Purchase date	Description	Amount
December 2016	Portable blood pressure monitors	\$2,800
February 2017	Home testing kits to help patients measure the thickness of their own blood	\$9,000
February 2017	Mobile devices that record electrical activity of the heart	\$2,500
May 2017	Handheld kits that record the amount of oxygen carried in the body	\$1,200
Total		\$15,500