

# 1 firsts

## Catholic Medical Center

From humble beginnings in 1858 to a progressive modern health system thriving in Manchester, New Hampshire, Catholic Medical Center has remained true to its mission: To provide health, healing and hope to all.

Along the way, we've had a chance to mark several milestones by being the first in the state, first in New England or first in the country to offer innovative medical treatments and technologies.



### first hospital in state of New Hampshire to

- perform (as a community hospital) open heart surgery in 1986
- perform a completely percutaneous (no incisions) mitral valve replacement
- earn qualified AAHRPP accreditation for its research program
- achieve Bariatric Center of Excellence status
- perform robotic gastric bypass and sleeve gastrectomy
- offer Firefly biliary imaging to minimize risk of bile duct injury during robotic cholecystectomy
- offer Firefly bowel perfusion imaging to minimize risk of anastomotic leak or anastomotic stricture with robotic colon surgery
- offer the LINX<sup>®</sup> anti-reflux procedure
- perform minimally invasive single-site hysterectomy using da Vinci<sup>®</sup> Robot Technology
- offer (as a community hospital) transcatheter aortic valve replacement (TAVR)
- achieve Perinatal Care Certification from The Joint Commission
- offer Myocardial Perfusion PET (Positron Emission Tomography)
- perform a fenestrated endovascular aortic repair—FEVAR (in southern New Hampshire)
- use the KONECT device in the repair of ascending aortic aneurysms
- offer a new heart failure treatment: the CardioMEMS<sup>™</sup> HF System
- offer TCAR: trans carotid artery revascularization (as a community hospital)
- perform the Convergent procedure—a two-step procedure which combines a minimally-invasive surgical treatment with a catheter ablation to treat patients with long-standing atrial fibrillation (AFib)

### first hospital in New England to

- offer robotic-assisted prostate surgery
- implant Watchman<sup>™</sup> after its FDA Approval
- offer advanced 3-D mapping system (RHYTHMIA Mapping System) to better diagnose and treat all types of heart arrhythmias (in northern New England)
- provide contrast-enhanced mammography and automated breast ultrasound (ABUS)
- perform a laparoscopic spinal fusion
- offer navigated spine surgery using O-arm technology
- offer SAVI SCOUT<sup>®</sup>, an advanced FDA approved surgical technology for breast care
- launch Telestroke Ambulance Program, for neurologists to remotely evaluate stroke patients
- perform a minimally-invasive surgery to treat patients with thoracic aortic disease using the Valiant Navion<sup>™</sup> Stent Graft
- offer the WATCHMAN FLX<sup>™</sup> implant to AFib patients at risk for stroke who need an alternative to blood thinners
- use lithotripsy to break down complex calcium in coronary artery disease—Shockwave IVL (in northern New England)

### first hospital in country to

- perform a minimally invasive spine fusion using the da Vinci<sup>®</sup> Robot Technology
- have a neonatal unit based on couplet care
- perform navigated OLIF (Oblique Lumbar Interbody Fusion) using the O-arm<sup>®</sup>
- have (as a community hospital) an Institutional Review Board (IRB) accredited by the Association for the Accreditation of Human Research Protection Programs (AAHRPP)

### first hospital in world to

- use LUMIPOINT<sup>™</sup> mapping software to aid and enhance cardiac ablation procedures
- to implant the WATCHMAN<sup>™</sup> Device for patients contraindicated to anticoagulation as part of the ASAP-TOO clinical trial