

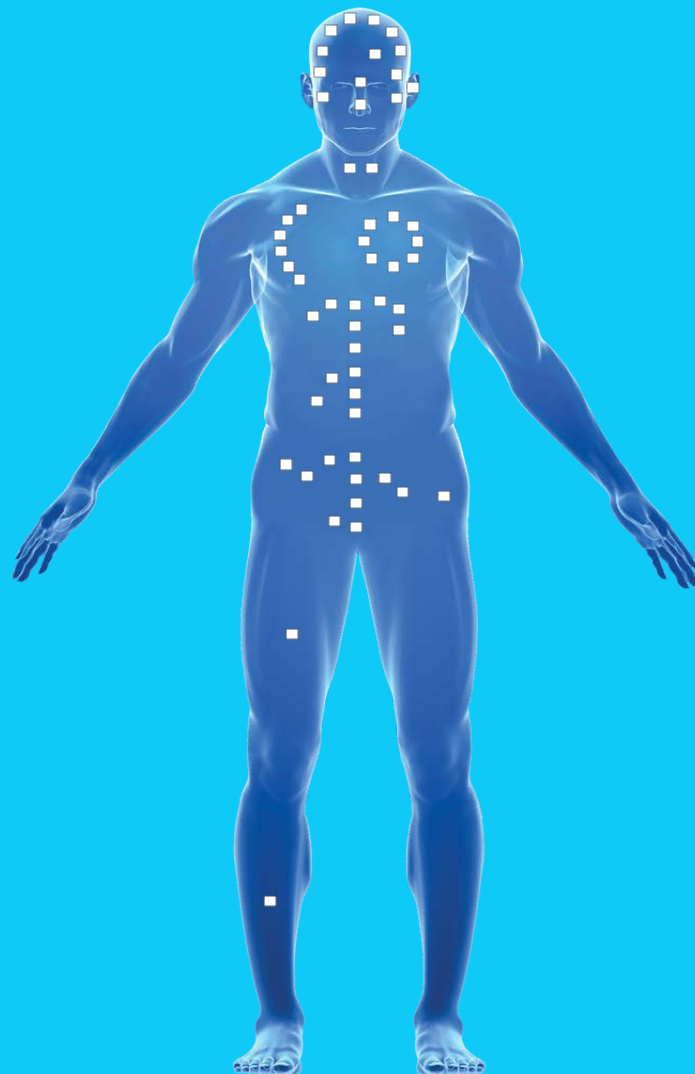
A photograph of two surgeons in an operating room. The surgeon on the right is wearing a surgical microscope and a blue surgical cap. The surgeon on the left is wearing a blue surgical cap and a blue surgical gown. The background is a solid blue color.

Medtronic

Engineering the extraordinary

Trieste, September 2022

CONDITIONS OUR THERAPIES TREAT



Cardiac Rhythm

- Asymptomatic heart rhythms
- Atrial fibrillation
- Fast heart rates (tachycardia)
- Heart failure
- Slow heart rates (bradycardia)

Coronary

- Coronary artery disease

Diabetes

- Type 1
- Type 2

Ear, Nose, and Throat

- Head and neck cancer
- Hearing loss and single-sided deafness
- Otologic diseases
- Pediatric conditions
- Sinus diseases
- Sleep-disordered breathing
- Thyroid disorders

Endovascular

- Aortic aneurysms
- Deep vein thrombosis (DVT)
- Peripheral vascular disease
- Venous insufficiency

Gastroenterological, Urogynecological, and Urological

- Acid reflux
- Appendicitis
- Barrett's esophagus
- Crohn's disease
- Chronic benign liver disease
- Chronic fecal incontinence

- Chronic nausea and vomiting associated with gastroparesis*
- Colon tumors
- Digestive disorders
- Gallstones
- Gastrointestinal bleeding
- Gastrointestinal functional disorders
- Hemorrhoids
- Hernias
- Nutrition insufficiency
- Obesity
- Ovarian tumors and ruptured ectopic pregnancies
- Overactive bladder and non-obstructive urinary retention
- Pancreatic cancer
- Polyps
- Uterine tumors and fibroids

Neurological

- Acute ischemic stroke
- Blood clots
- Brain aneurysms
- Brain tumors and lesions
- Chronic cancer pain
- Chronic leg and back pain
- Cranial trauma
- Dystonia*
- Essential tremor
- Hydrocephalus
- Obsessive-compulsive disorder*
- Parkinson's disease
- Severe spasticity
- Subdural hematomas

Pulmonary

- Acute respiratory distress syndrome (ARDS)
- Asthma
- Chronic obstructive pulmonary disease (COPD)
- Lung cancer
- Pulmonary embolisms
- Respiratory compromise
- Sleep apnea

Spine and Orthopedic

- Cervical degenerative disc disease
- Degenerative disc disease
- Lumbar spinal stenosis
- Orthopedic trauma
- Scoliosis
- Spinal fractures
- Tibial fractures

Structural Heart

- Congenital heart disease
- Heart valve disease

*Humanitarian device in the United States – the effectiveness for this use has not been demonstrated

PRODUCTS AND SERVICES

- Diagnostic Tools
- Medical Supplies
- Surgical Navigation
- Surgical Products
- Patient Monitoring
- Remote Monitoring
- Service Solutions

Medtronic

Spring school 2022

- 11:00-11:15 **Welcome and Medtronic Introduction**
A. Accardo/ E. Vidović/ B. Ferek-Petrić/ D. Tomašić /
- 11:15-11:35 **Medtronic & Cardiac Rhythm Management**
Dr. Danko Tomašić
- 11:40-12:20 **Cardiac Pacing & Diagnostics – Look to the Future**
Dr. Božidar Ferek-Petrić
- 12:20-13:00 **Sudden Cardiac Death & Implantable Cardioverter Defibrillator (ICD)**
Ing. Ela Vidović
- 13:00-14:00 **Lunch break**
- 14:00-14:40 **Heart Failure & Cardiac Resynchronization Therapy (CRT)**
Dr. Danko Tomašić
- 14:40-16:30 **Product Fair & Hands-on simulators**
All



Our people

90K+
employees

11,600+
scientists
and engineers

2,000+
clinical researchers
and medical scientists

Deep brain stimulation

This personalized treatment can control debilitating tremors for a person living with Parkinson's – someone who longs to hold their morning coffee with a steady hand.



Camera-aided diagnosis

Our ingestible, noninvasive capsule endoscopy provides clear images of the gastrointestinal tract, allowing physicians to detect abnormalities, monitor disease activity, and assess treatment options.



Smart diabetes care

The only FDA-cleared smart insulin pen helps patients take the right amount of insulin at the right time, thanks to real-time tracking and decision support.



Clinical expertise and investments

FY21
data

49K+
patents

\$2.5B
in R&D
investments

350+
clinical trials

Medtronic

Our rich history of innovation

1949



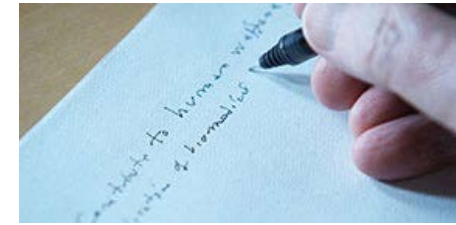
Medtronic is founded

1957

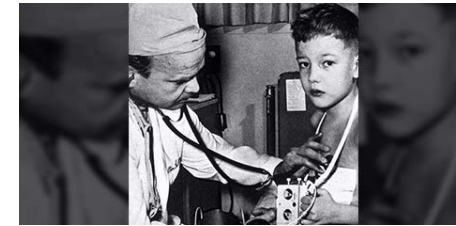


Created the first battery-operated
external pacemaker

1960



• Wrote our Mission



• Developed the first implantable pacemaker



1977

• Introduced the prosthetic heart valve

1979



Established the
Medtronic Foundation

1983



Expanded into
neurostimulation

1999



Expanded into
spinal care

2001



Expanded into diabetes care

2002



Introduced the first remote monitoring system

2015



Acquired Covidien

2016



Introduced the world's smallest pacemaker and the first hybrid closed-loop insulin delivery system

2019



Launched Mazor™ X Stealth Edition system for robotic-assisted surgery

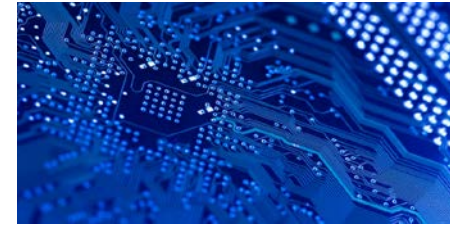
2020



Shared portable ventilator design specs during COVID-19 pandemic



2020



- Expanded artificial intelligence and data science capabilities for surgical and diabetes treatment

2021



- Announced first patient procedures with the Hugo™ robotic-assisted surgery system and CE mark approval in Europe