

# **Cranial & Spine Technologies**

## Selected Graphics

**Medtronic**

**2020 Institutional Investor & Analyst Day**

October 14, 2020



INVESTOR DAY 2020

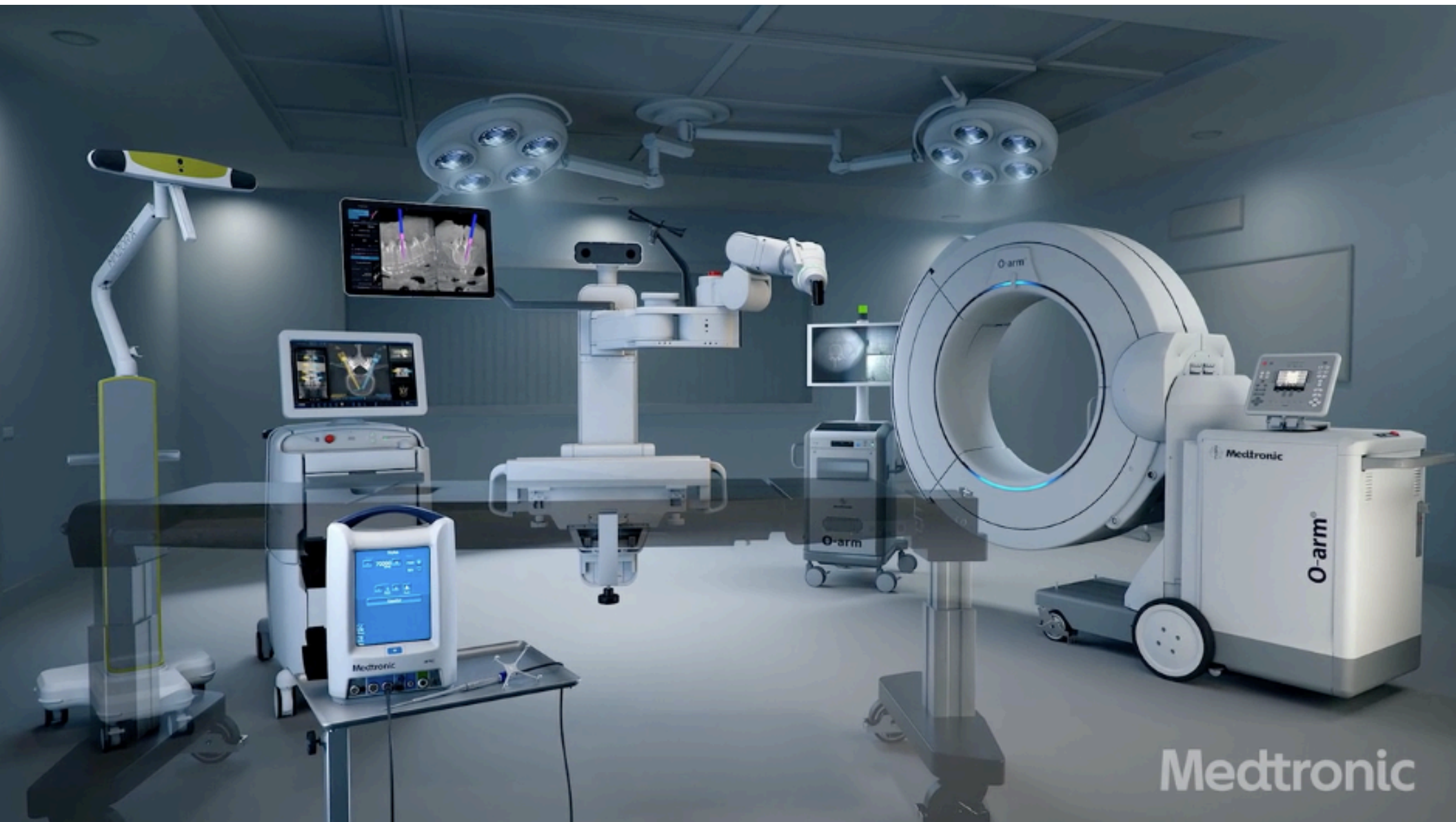
**Jeffrey Gum, M.D.**

Orthopedic Spine Surgeon, Norton Leatherman Spine Center



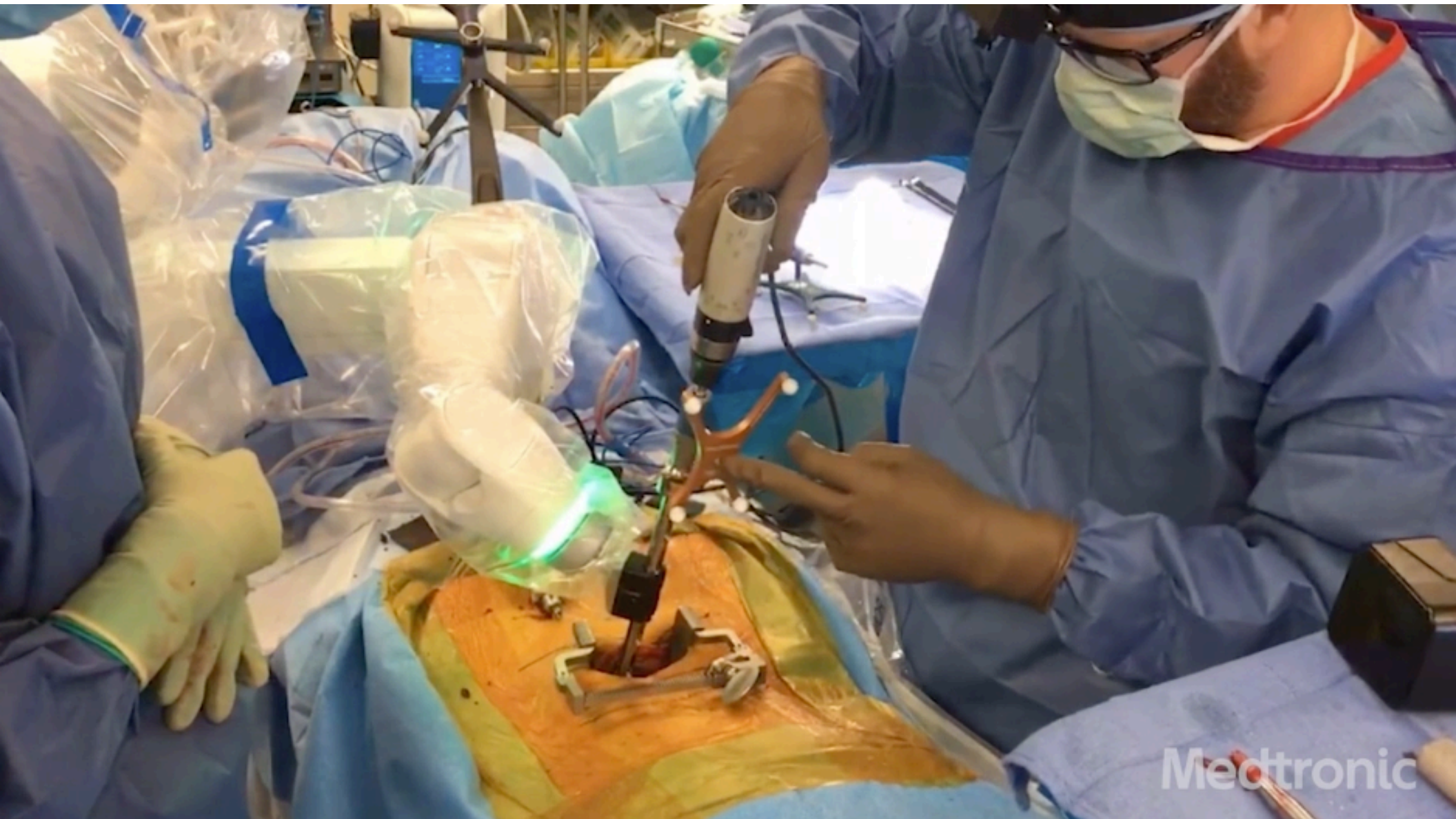
# INNOVATORS PIONEERS DISRUPTORS





Medtronic





Medtronic



INVESTOR DAY 2020

**Jacob Paul**

Senior Vice President, Cranial & Spinal Technologies



**CST**

**CRANIAL & SPINAL  
TECHNOLOGIES**

**Medtronic**





SPINE &  
BIOLOGICS



ENABLING  
TECHNOLOGIES

**Medtronic**



**IMAGING  
NAVIGATION  
ROBOTICS  
IMPLANTS  
BIOLOGICS**

**Medtronic**





**IMPROVING**  
PATIENT  
OUTCOMES

Medtronic



**PRE-OPERATIVE  
PLANNING**



**PATIENT  
DIAGNOSIS**



**INTRA-OPERATIVE  
PLANNING & EXECUTION**



**POST-OP  
FOLLOW UP**

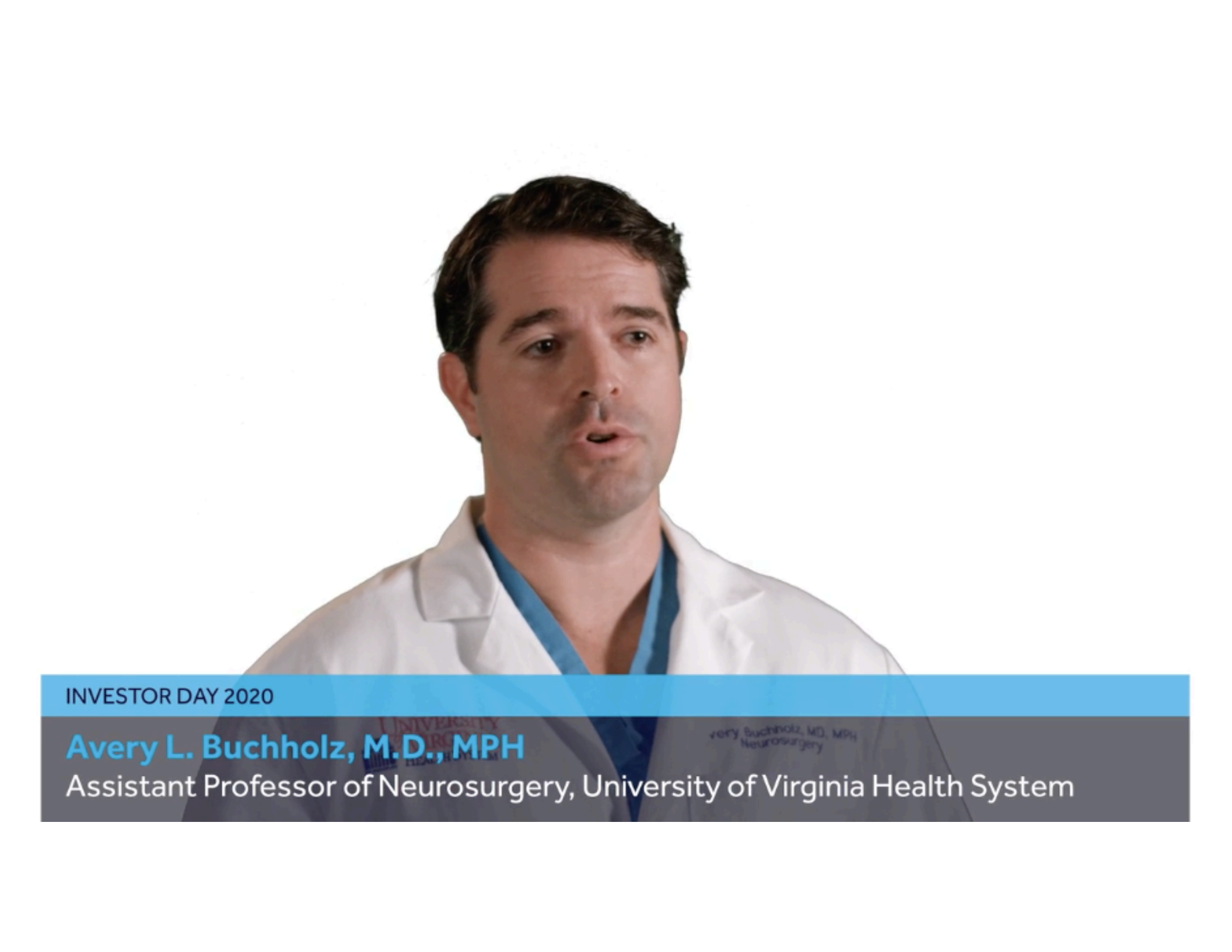
Medtronic





**FULLY IMMERSIVE**  
INTEGRATED  
TECHNOLOGIES

**Medtronic**

A man with dark hair, wearing a white lab coat over blue scrubs, is speaking. The background is plain white. A blue banner is at the bottom of the frame.

INVESTOR DAY 2020

**Avery L. Buchholz, M.D., MPH**

Assistant Professor of Neurosurgery, University of Virginia Health System



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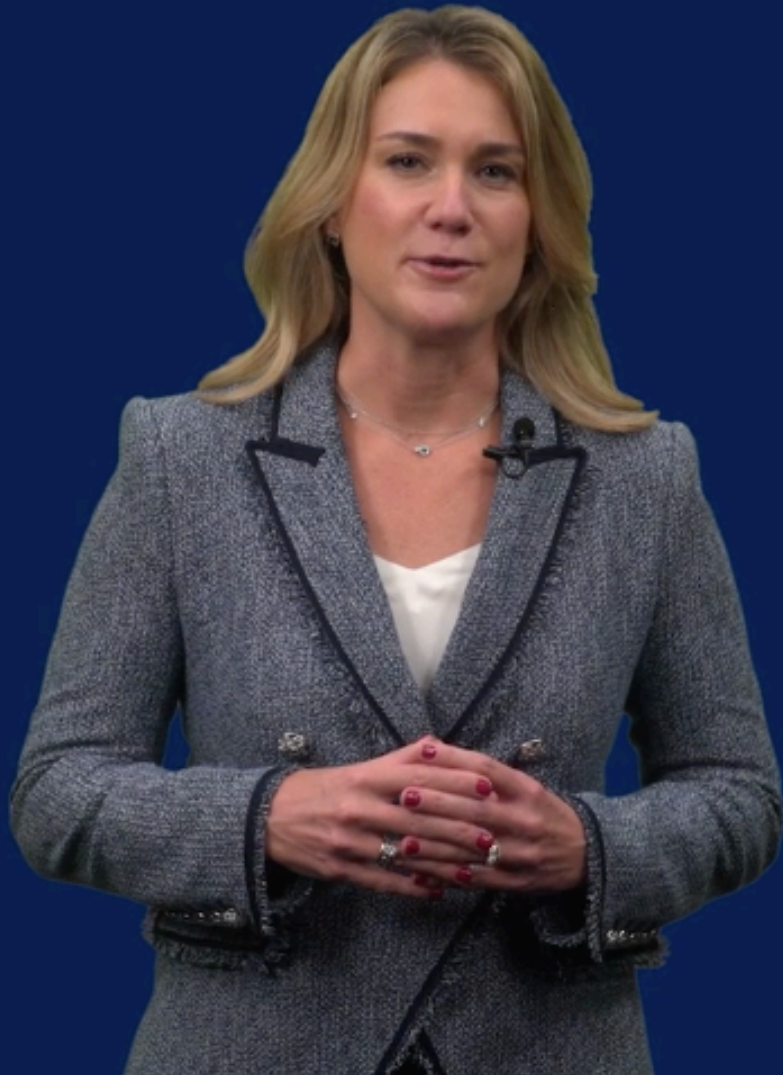


**Market making**  
is in our DNA

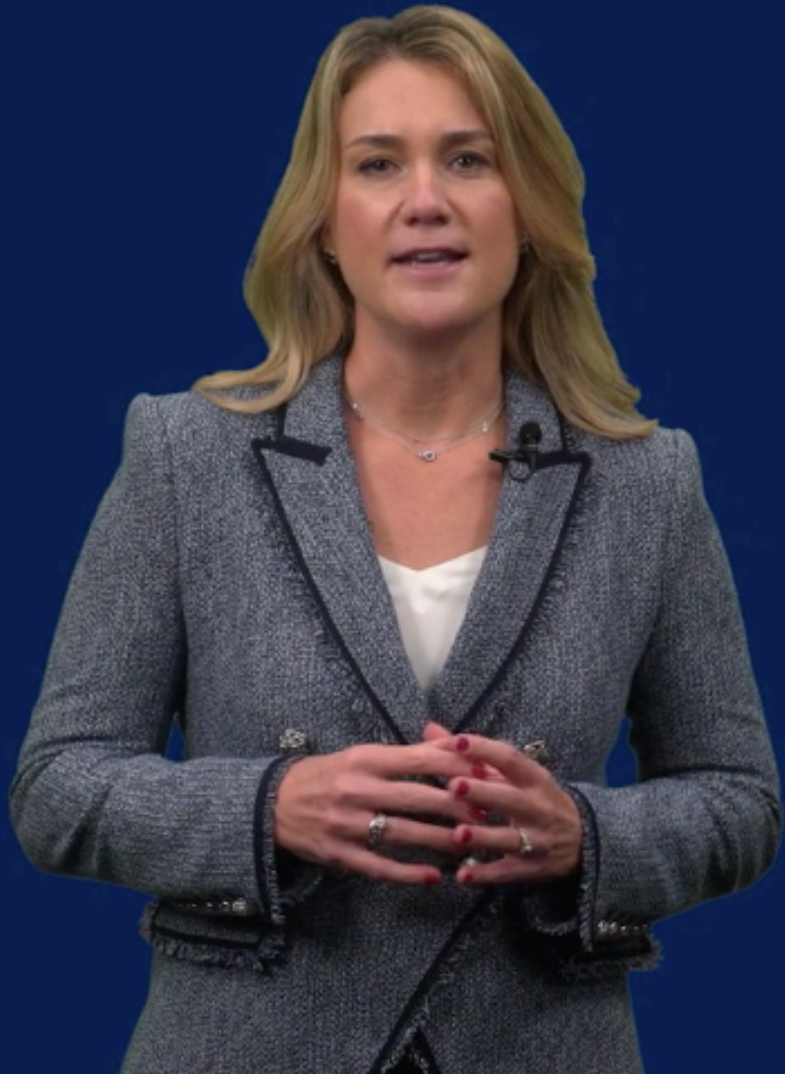
INVESTOR DAY 2020

**Linnea Burman**

Vice President and General Manager, Enabling Technologies



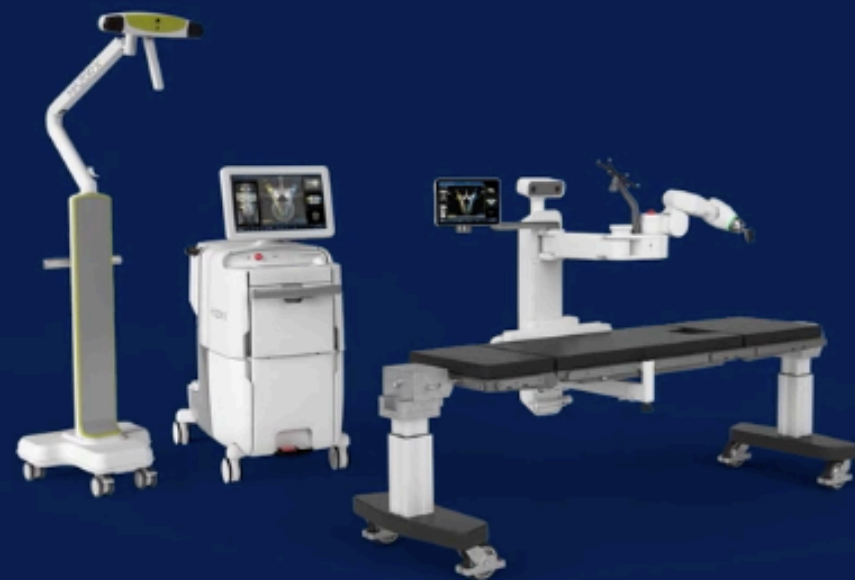
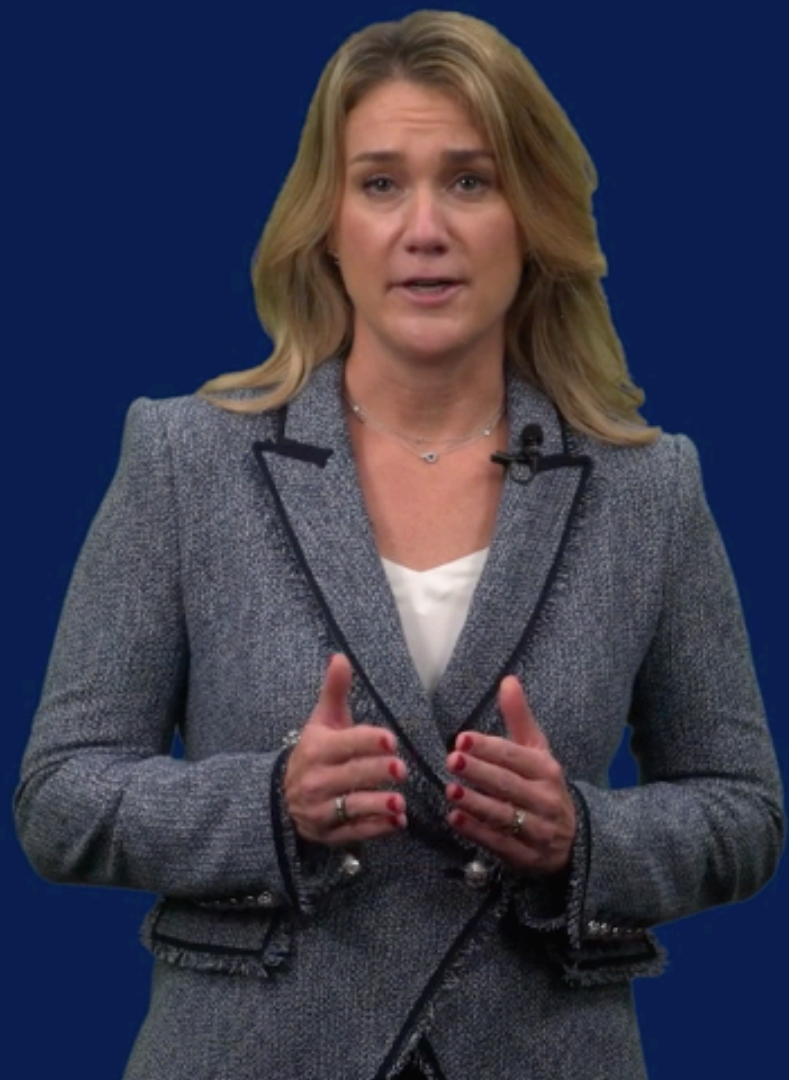
**Medtronic**



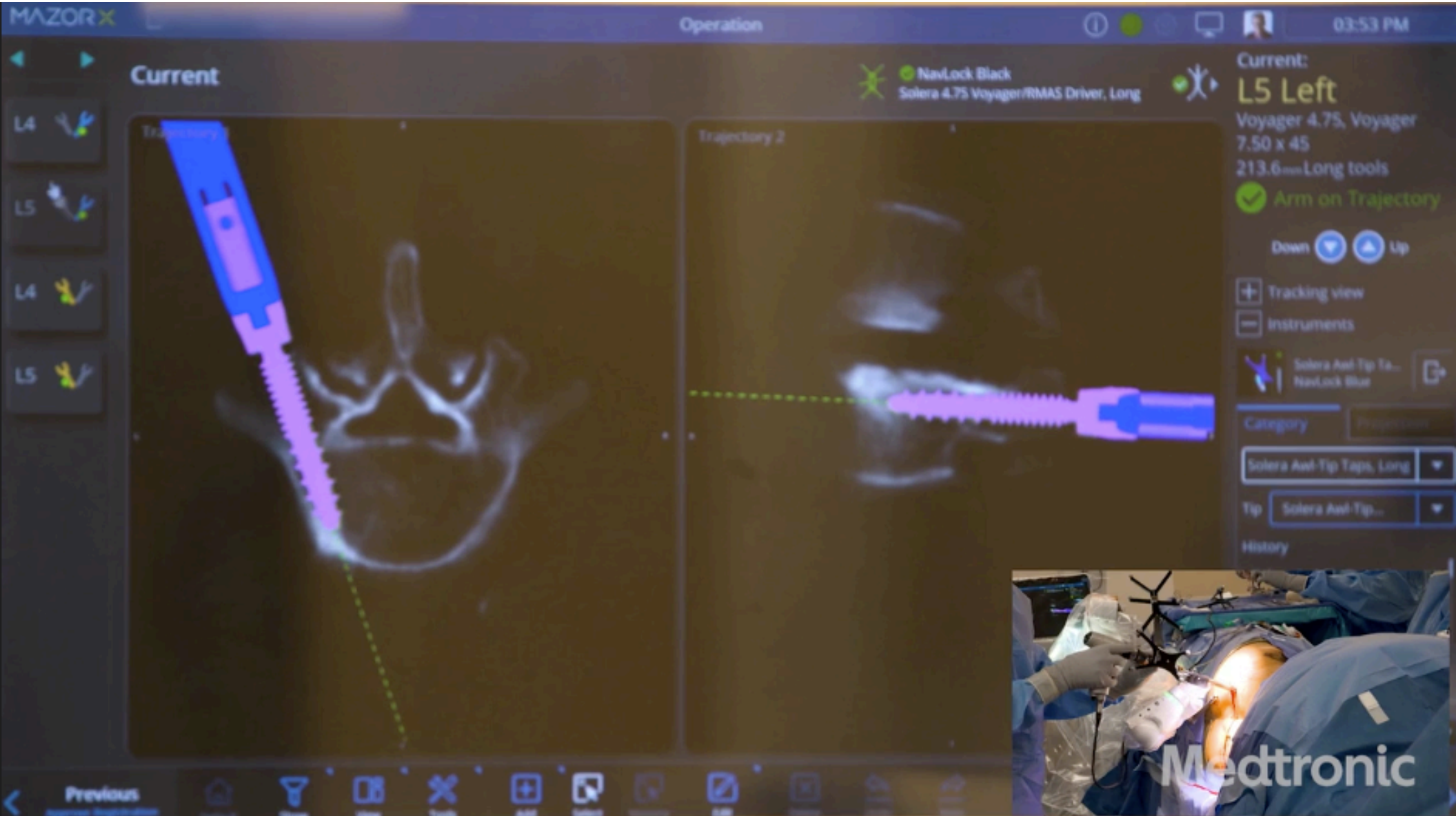
3 decades

Medtronic





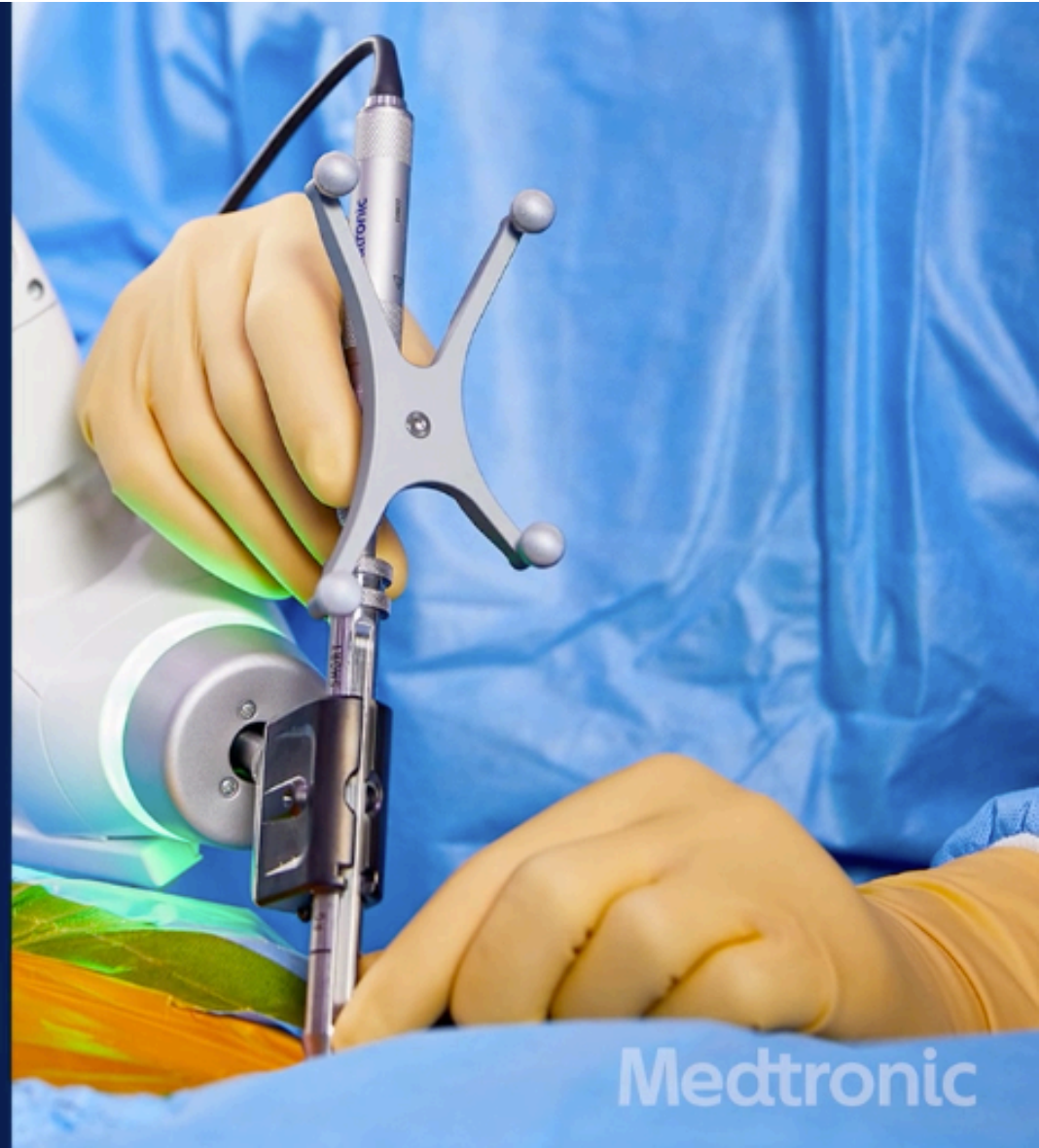
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Midas Rex™  
Mazor™ Attachments



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## Navigated Interbodies

**Medtronic**



**CADENCE**  
OF INNOVATION

Medtronic



INVESTOR DAY 2020

**Sharrolyn Josse**

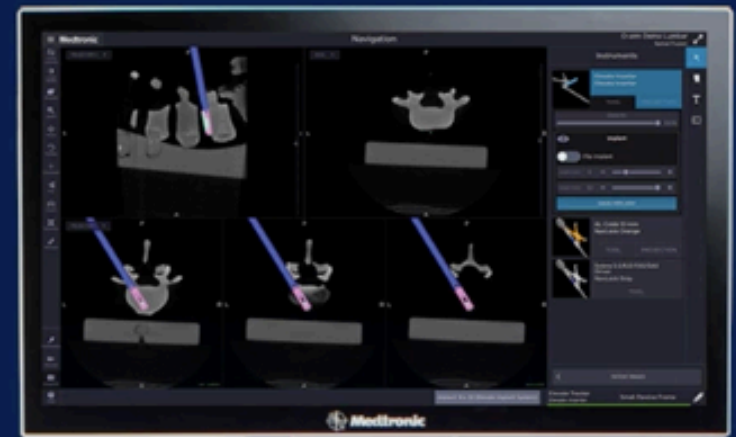
Vice President and General Manager, Core Spine & Biologics





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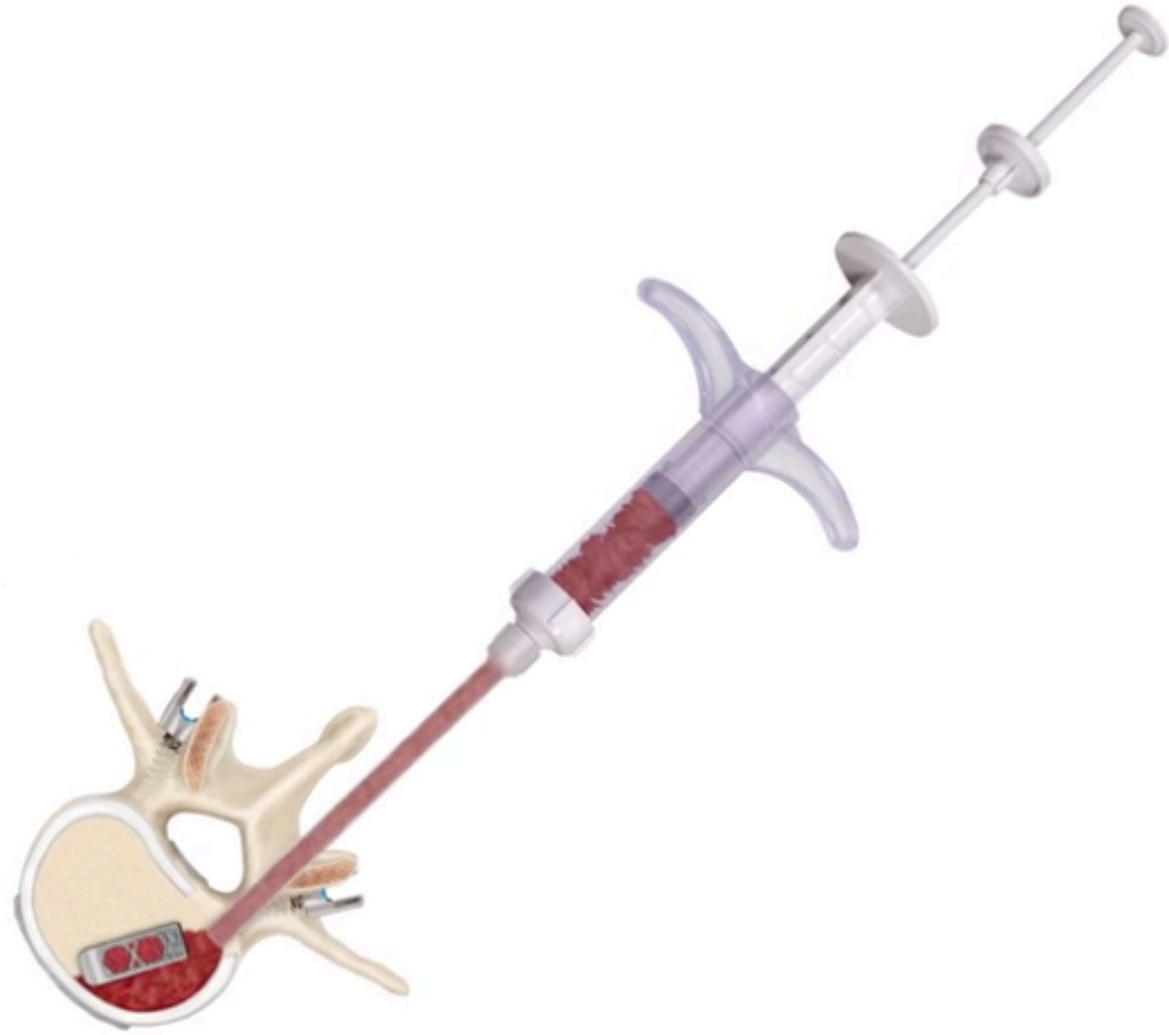
Medtronic

# CD Horizon™ Solera™ Voyager™ Minimally Invasive System



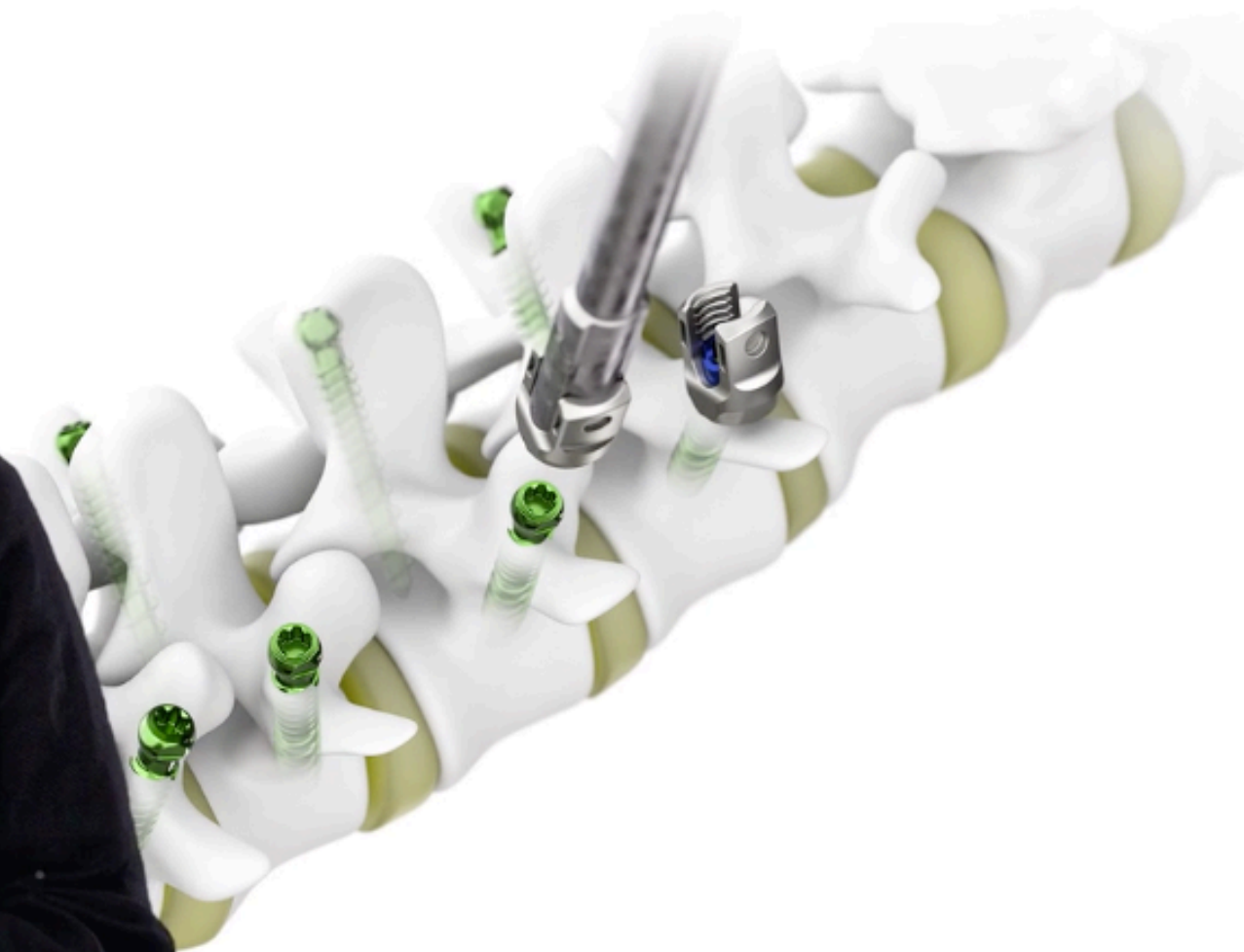




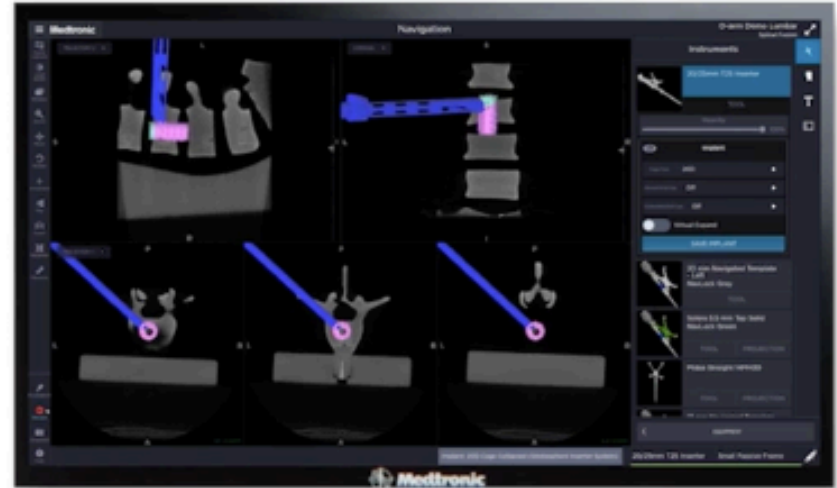




**SEAMLESS  
MINIMALLY  
INVASIVE**  
WORKFLOW







**MEDICREA®**

## Create Case ✕

### PATIENT INFORMATION

FIRST INITIAL

LAST INITIAL

BIRTH YEAR

Select date

SEX

Male

Female

WEIGHT (KG)

HEIGHT (CM)

### IMAGES

DRAG & DROP TO UPLOAD IMAGES





# BETTER ALGORITHMS AND OUTCOMES

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INVESTOR DAY 2020

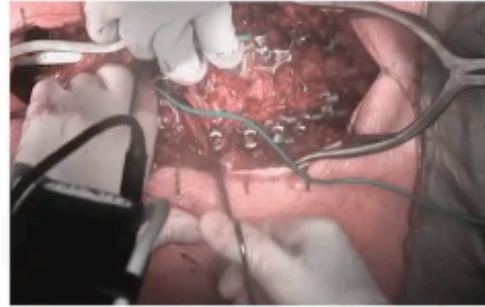
**Ronald Lehman, M.D.**  
New York Presbyterian



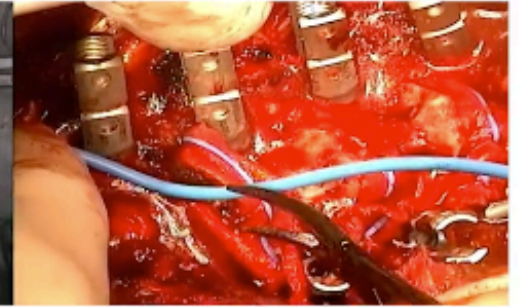
**5,000**  
SURGICAL CASES



NON-UNiD



UNiD







**INNOVATE**  
**INVEST**  
GROW

**Medtronic**



**\$2B**  
**IN 2 YEARS**

**Medtronic**