

# WELCOME

THANK YOU FOR JOINING THE MEDTRONIC INVESTOR RELATIONS TEAM FOR  
**A CONVERSATION AND QUESTION & ANSWER SESSION WITH:**

## **REBECCA SEIDEL**

Vice President & General Manager, Cardiac Ablation Solutions (CAS)

Moderated by

## **RYAN WEISPFENNING**

Vice President & Head of Investor Relations

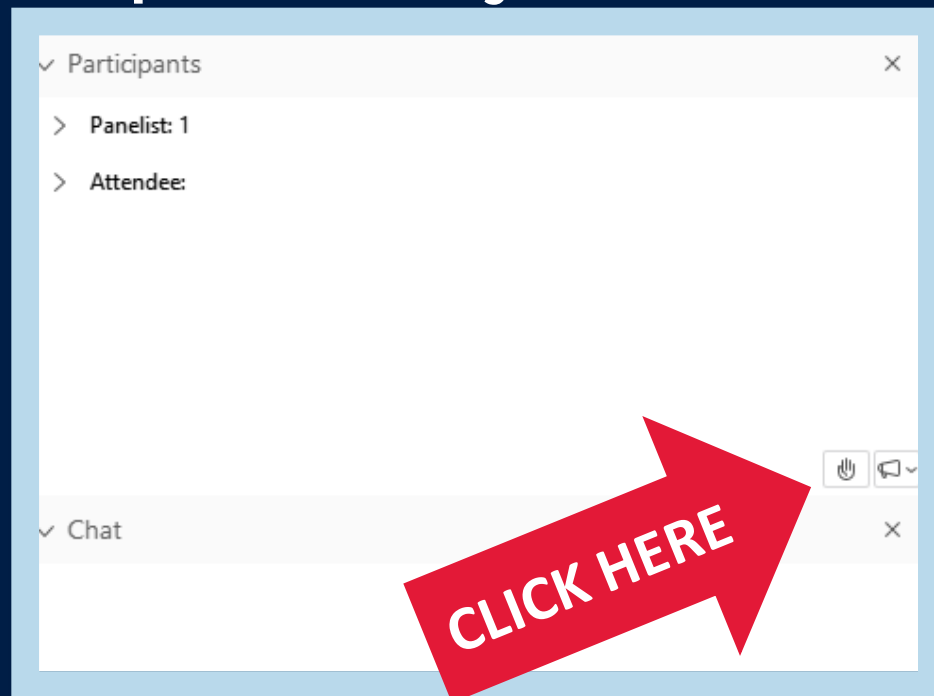
**WE WILL BEGIN SHORTLY...**

JULY 1, 2020

**Medtronic**  
Further, Together

# LOGISTICS

- To participate in the Q&A session and ask a live question, you will need to join via the WebEx platform versus only dialing-in
- **Enter the Event ID: 145 935 9870** and **Enter your Name** so we can identify you. We can't call on you unless your name is clearly entered
- To ask a question you have to **"raise your hand"** in the participants panel





**MODERATOR:**  
**RYAN WEISPFENNING**

VP & HEAD OF INVESTOR RELATIONS, MEDTRONIC PLC



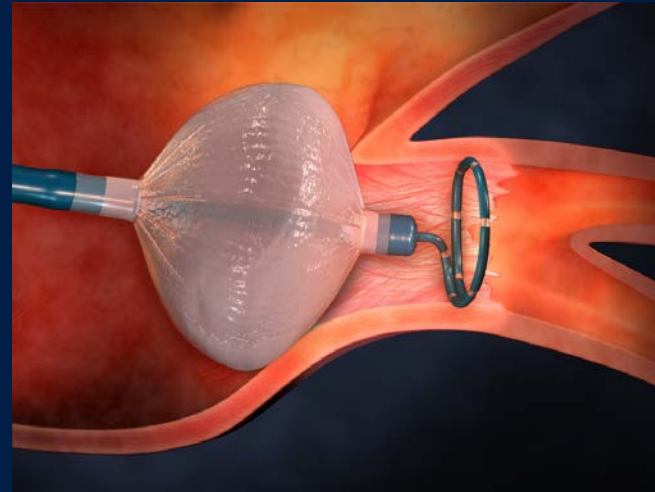
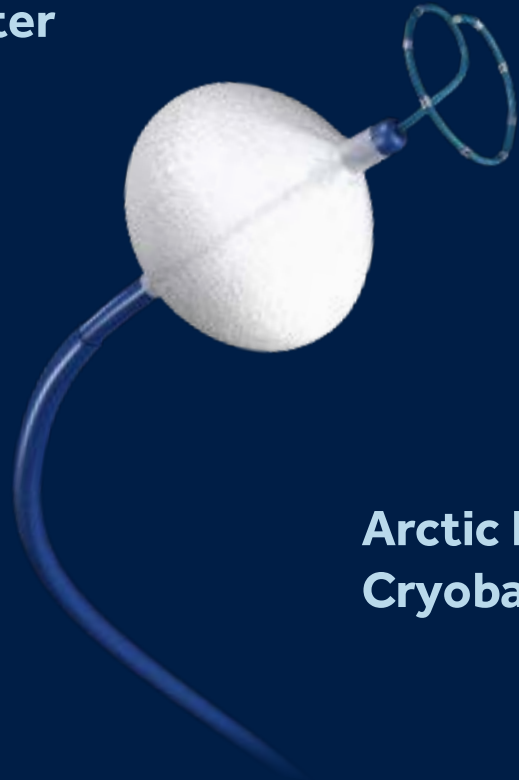
**FEATURING:**  
**REBECCA SEIDEL**

VP & GENERAL MANAGER, CAS, MEDTRONIC PLC

# MEDTRONIC ARCTIC FRONT ADVANCE PRO™ CRYOBALLOON

## SETTING THE STANDARD FOR ANATOMICAL ABLATION

Achieve Advance™ Mapping Catheter



Arctic Front Advance Pro™ Cryoballoon

FlexCath Advance™ Sheath



CryoConsole™

**The world's leading** balloon therapy for the treatment of drug refractory recurrent symptomatic paroxysmal AF.

**Anatomical** approach to Pulmonary Vein Isolation that has been proven safe and effective<sup>1</sup>.

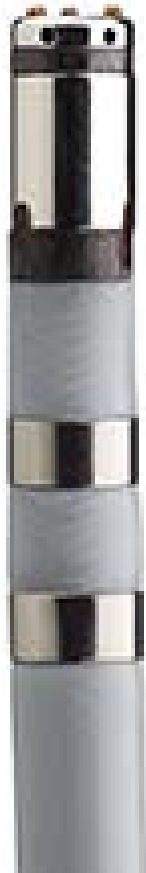
**Efficient, predictable** procedures with a minimal learning curve<sup>3,4</sup>.

**Single transseptal** puncture needed; Achieve Mapping catheter deployed through Arctic Front Advance guidewire lumen.

1) Packer, et al. Cryoballoon Ablation of Pulmonary Veins for Paroxysmal Atrial Fibrillation: First Results of the North American Arctic Front (STOP AF) Pivotal Trial. *J Am Coll Cardiol*. April 23, 2013;61(16):1713-1723. 2) Kuck KH, et al. Cryoballoon or Radiofrequency Ablation for Paroxysmal Atrial Fibrillation. *N Engl J Med*. 2016; 374(23): 2235-45. 3) Providencia R., et al. *EP Europace*. January 2017;19(1):48-57 4) Wójcik M, Berkowitsch A, Greis H, et al. Learning curve in cryoballoon ablation of atrial fibrillation. *Circ J*. 2014;78:1612-8.

# THE DIAMONDTEMP ABLATION SYSTEM WITH REALTEMP

\*NOT APPROVED FOR USE IN THE US



- 80% freedom from AF at 6 months (Paroxysmal and Persistent)<sup>1</sup>.
- Catheter tip-surface thermocouples aimed to permit fast, safe and effective temperature-controlled, saline-irrigated RF ablation<sup>2</sup>.
- RealTemp is the groundbreaking power of real-time temperature control available only with the DiamondTemp Ablation System.
- The TRAC-AF study showed real-time temperature controlled ablation enabled a 70% reduction in RF application time when compared with a conventional, irrigated RF catheter with contact force<sup>2</sup>.

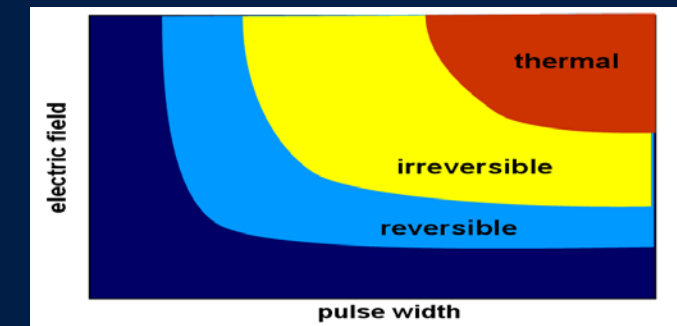
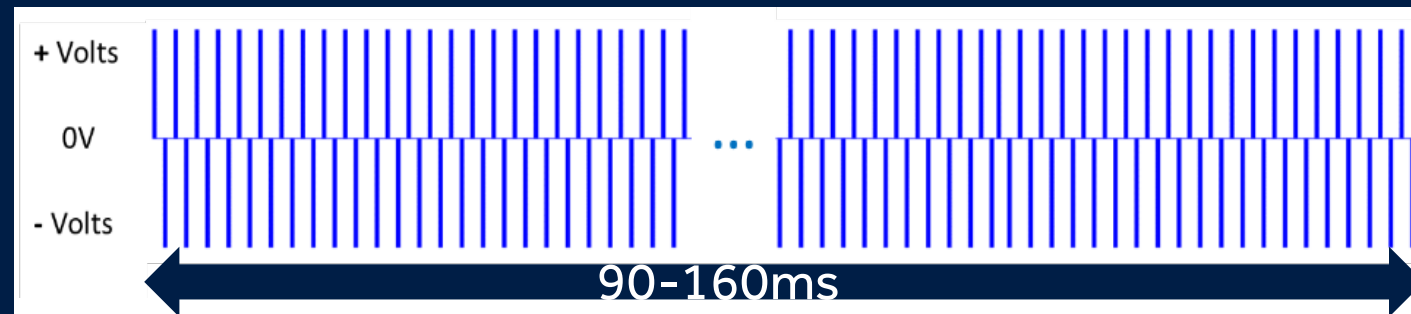
<sup>1</sup>Neužil et al. First-in-Man FASTR-AF Study: Novel Temperature-Controlled FAST Ablation System to Rapidly Create Lesions for the Treatment of Persistent and Paroxysmal Atrial Fibrillation. HRS Scientific Sessions, 2019.

<sup>2</sup>Iwasawa J, et al. *J Am Coll Cardiol*. 2017;70:542-553.

# MEDTRONIC PULSED FIELD ABLATION

## A PARADIGM SHIFT IN CARDIAC ABLATION

**Pulsed Field Ablation** describes the use of pulsed electric fields to ablate cardiac tissues, through the mechanism of **irreversible electroporation**.



### Selective Tissue Sensitivity

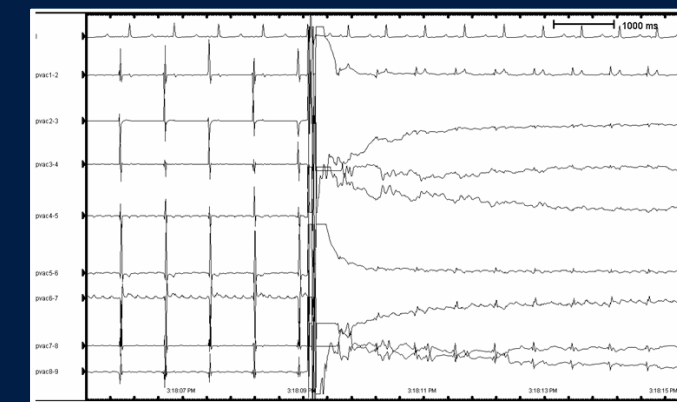
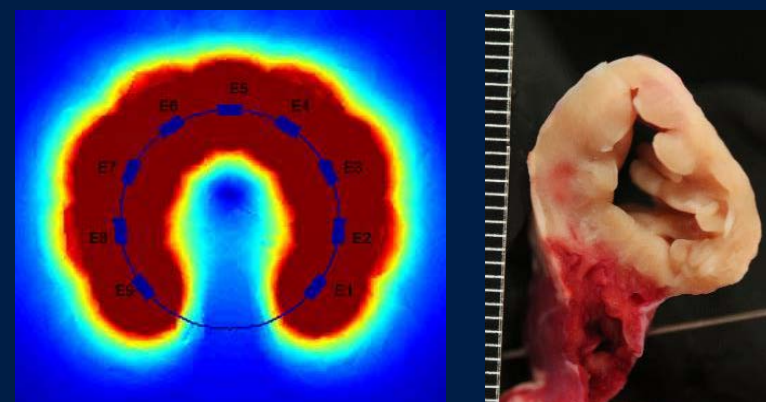
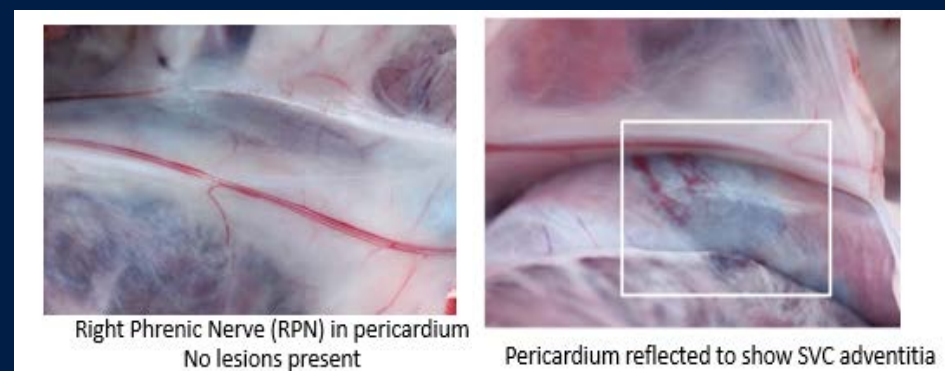
- Potential to **reduce** collateral damage
- Could allow for more **flexible** catheter placement

### Field-Based Ablation

- Ablation requires **proximity** to target tissue
- Lesions are **contiguous and transmural**

### Speed & Adaptability

- Extremely fast deliveries (milliseconds)
- Applicable to simple and advanced approaches to ablation





**MODERATOR:**  
**RYAN WEISPFENNING**

VP & HEAD OF INVESTOR RELATIONS, MEDTRONIC PLC

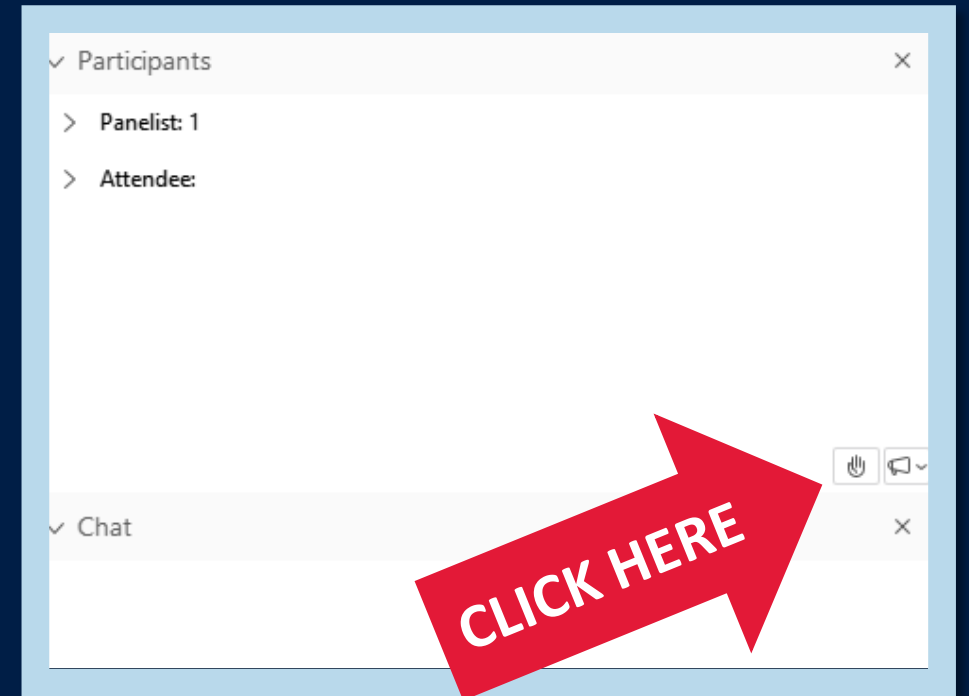


**FEATURING:**  
**REBECCA SEIDEL**

VP & GENERAL MANAGER, CAS, MEDTRONIC PLC



# Q & A SESSION



**CLICK HERE**

**PLEASE "RAISE YOUR HAND"**

**IMPORTANT NOTICE:**

TO ASK A LIVE QUESTION, YOU WILL NEED TO USE THE **WEBEX** PLATFORM