**AVANOS** 

# INTERVENTIONAL PAIN

**JUNE 2018** 

LISA KUDLACZ VICE PRESIDENT & GENERAL MANAGER, INTERVENTIONAL PAIN

### **OVERVIEW**

#### FORWARD-LOOKING INFORMATION

Certain matters in this presentation, including our financial outlook, expectations and planning assumptions, and any estimates, projections, and statements relating to our business plans, objectives, or the acquisition of CoolSystems constitute forward-looking statements and are based upon management's expectations and beliefs concerning future events impacting the Company.

These statements are subject to risks and uncertainties, including currency exchange risks, cost savings and reductions, raw material, energy, and other input costs, competition, market demand, economic condition, S&IP separation execution and legislative and regulatory actions. There can be no assurance that these future events will occur as anticipated or that the Company's results will be as estimated. Forward-looking statements speak only as of the date they were made, and we undertake no obligation to publicly update them. For a more complete listing and description of other factors that could cause the Company's future results to differ materially from those expressed in any forward-looking statements, see the Company's most recent Form 10-K and Quarterly Reports on Form 10-Q.

#### **NON-GAAP FINANCIAL MEASURES**

Management believes that non-GAAP financial measures enhance investors' understanding and analysis of the company's performance. As such, results and outlook have been adjusted to exclude certain items for relevant time periods as indicated in the non-GAAP reconciliations to the comparable GAAP financial measures included in this presentation posted on our website (www.halyardhealth.com/investors).

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### INTERVENTIONAL PAIN

#### **Interventional Pain Vision**

To be the world leader in minimally invasive solutions for the treatment of chronic pain

### **Attractive Market Dynamics**

Large, growing category that lacks longer-term minimally invasive solutions for patients

### Significant Future Potential

Investing in clinical evidence, sales and marketing and breakthrough technologies



### INTERVENTIONAL PAIN OVERVIEW

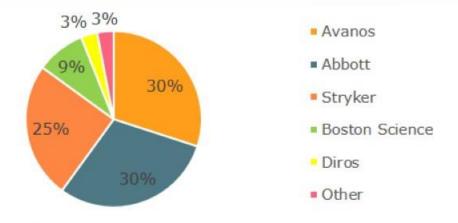
### **Large Addressable Market**

100M

Americans with Chronic Pain >\$4B

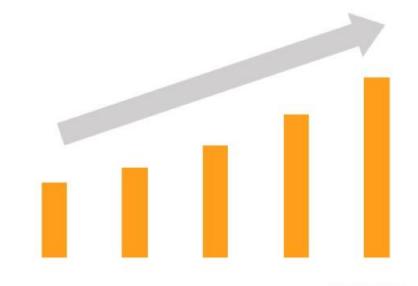
Addressable Market

### **Leading RF Market Share Position**



Source: MedTech Market Research, Transparency Market Research, IMS Data and Halyard Internal Sales Projections

### **Double-Digit Growth Driven by COOLIEF\*1**



IVP CAGR:

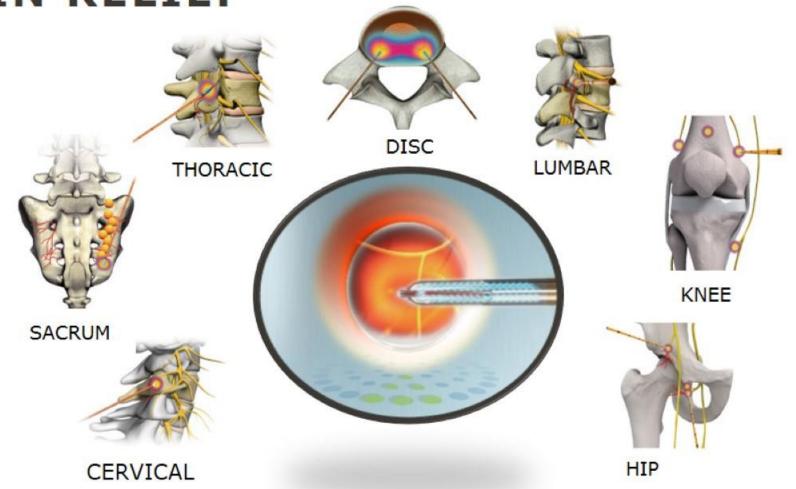
· Coolief CAGR:

13% 46%

#### Note

Based on 4-year CAGR, 2013-2017

COOLIEF\* ENABLES DEACTIVATION OF SENSORY NERVES FOR INCREASED DURATION OF PAIN RELIEF

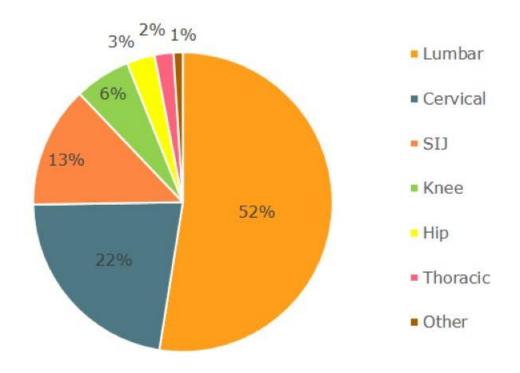


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# SIGNIFICANT OPPORTUNITY FOR COOLIEF\* BEYOND SPINE

- Majority of RF procedures performed are for spine pain
- Knee procedures rapidly becoming the 4<sup>th</sup> most common procedure
- Knee represents the largest untapped growth opportunity for COOLIEF\*
- COOLIEF\* is the first and only FDA-cleared RF procedure for osteoarthritic knee pain

### U.S. RF Procedures by Anatomy<sup>1</sup>

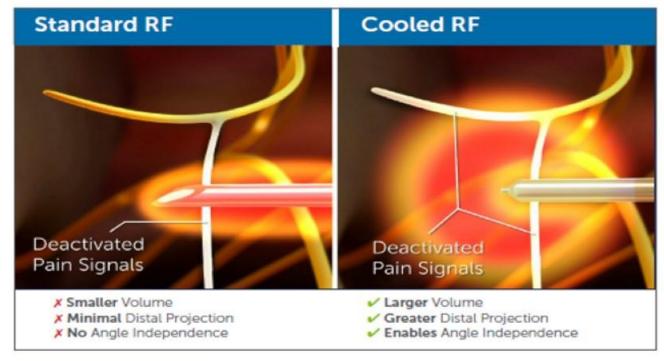


#### Note:

HMS, COOLIEF\* ASC Pricing and Market Sizing Research Report, March 2017 KJT Research Group; BI data; 2015-2017 Survey Monkey New Procedure Training

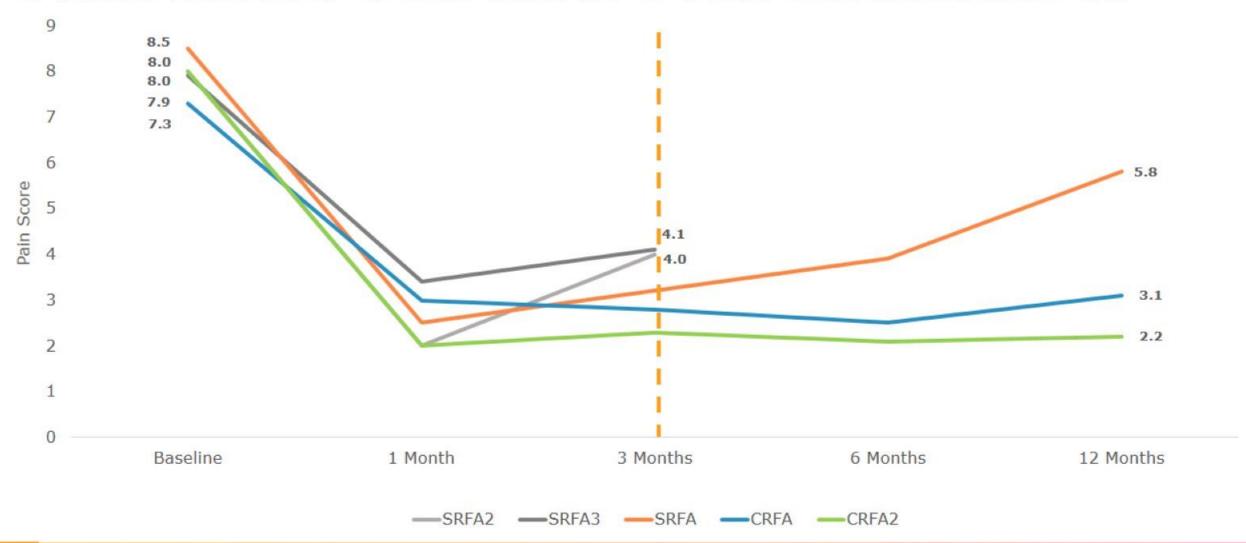
### **COOLIEF\* ADVANTAGE OVER STANDARD RF**





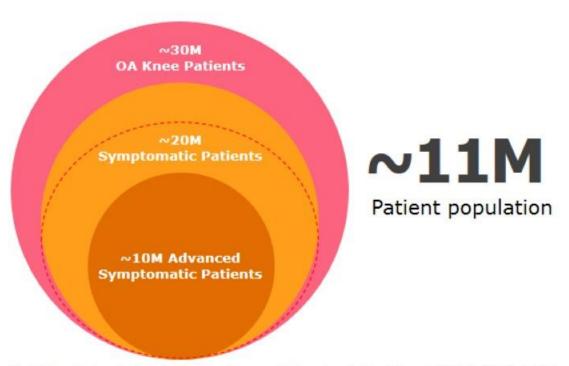


# COOLED RF PROVIDES LONGER DURATION OF PAIN RELIEF FOR KNEE OVER STANDARD RF



### THE ONLY FDA-CLEARED ABLATION TECHNIQUE TO TREAT OSTEOARTHRITIS KNEE PAIN

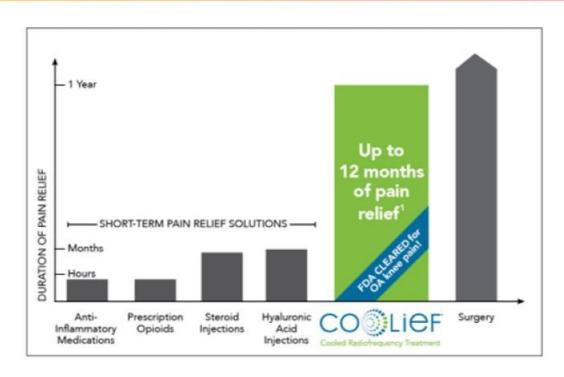
Target market: moderate to severe knee OA



Adapted from Deshpande, R. et al. "Number of Persons with Symptomatic Knee Osteoarthritis in the US", Arthritis Care & Research, 2016 68(2).

National Center for Chronic Disease Prevention and Health Promotion, Data & Statistics, Atlanta, GA: Centers for Disease Control, 2017; Advisory Board Market Scenario Planner; Service Line Strategy Advisor research and analysis.

COOLIEF\* plays critical role in short-term pain relief1



#### Note

 National Center for Chronic Disease Prevention and Health Promotion, Data & Statistics, Atlanta, GA: Centers for Disease Control, 2017; Advisory Board Market Scenario Planner; Service Line Strategy Advisor research and analysis.

# THE POWER OF COOLIEF\* FROM A PATIENT'S PERSPECTIVE





### **HOW WE WILL WIN**

A balanced investment approach



- Expand patient advertising to drive procedure demand
  - Utilize targeted physician value proposition campaigns supported by demand generation programs
- ✓ Increase investment in clinical data: 13 studies across 3 indications over next 3 years
  - ✓ Show efficacy/safety/differentiation to standard RF
  - Ensure appropriate coverage and payment for the physician to perform in preferred site of service
- Expand physician coverage in the US and internationally
  - Expand marketing programs globally
- ✓ Advance research in nerve ablation to further enhance technology development
  - Explore new technologies in adjacent Chronic Pain markets, such as migraine

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# BRIGHT FUTURE FOR INTERVENTIONAL PAIN MANAGEMENT



Building on solid foundation with differentiated product portfolio and market-leading position



Large growing category that lacks longer term minimally invasive solutions for patients



Solid investments in clinical evidence that create value with physicians, patients and payers



Multi-pronged growth strategy aimed at patient and physician awareness, targeted international expansion & product portfolio development through R&D and M&A

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### THANK YOU