



2017 HRS / EHRA / ECAS / APHRS / SOLAECE
Expert Consensus Statement on AF Ablation

Module 1: What is a Consensus Statement?

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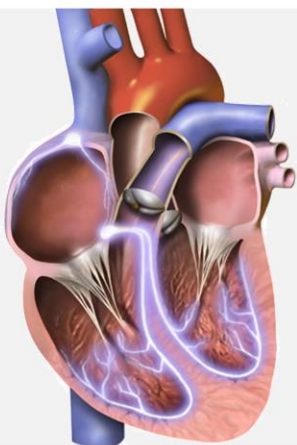
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AUDIO: Welcome to the overview lesson on the 2017 Expert Consensus Statement on AF Ablation.

Use the arrows in the bottom-right corner of the screen to move through this lesson. Click the Next arrow to begin.

Introduction



Welcome

In this lesson you will learn the basics about the Heart Rhythm Society (HRS) Consensus Statement for the management of atrial fibrillation.

This module is part of a series of three short modules that will walk you through key sections of the new consensus statement, highlighting what is different from previous versions.

AUDIO: In this lesson you will learn the basics about the Heart Rhythm Society (HRS) Consensus Statement for the management of atrial fibrillation.

This module is part of a series of three short modules that will walk you through key sections of the new consensus statement, highlighting what is different from previous versions.

Overview



Topics You'll Explore:

Introducing the 2017 HRS Consensus Statement

How the Consensus Statement was developed

AUDIO: Here are the topics you'll explore in this brief overview module. You can return to this chapter menu if you need to review a specific topic. But if this is your first time taking this emodule, you must complete it in full. To begin, just click the Next button at the bottom of the page.

Overview



Topics You'll Explore:

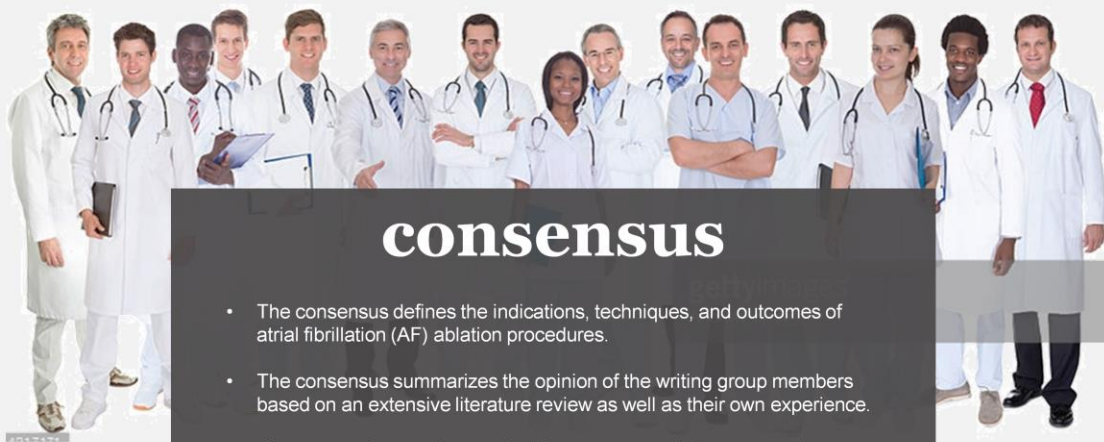
Introducing the 2017 HRS Consensus Statement

How the Consensus Statement was developed



AUDIO: Let's start with a brief introduction. Click Next to continue.

What is the HRS Consensus Statement?



consensus

- The consensus defines the indications, techniques, and outcomes of atrial fibrillation (AF) ablation procedures.
- The consensus summarizes the opinion of the writing group members based on an extensive literature review as well as their own experience.
- *Consensus **does not mean*** that there was complete agreement.
- The writing group reviewed and ranked evidence supporting current recommendations with the weight of evidence.

AUDIO: First, here's what we mean by consensus and what the statement addresses.

What is the HRS Consensus Statement?

2017 HRS/EHRA/ECAS/APHS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation



Hugh Galkin, MD (Chair),¹ Gerhard Hindricks, MD (Vice Chair),^{2,3,4}
Riccardo Cappato, MD (Vice Chair),^{5,6} Young Hoon Kim, MD, PhD (Vice Chair),^{4,6}
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PURPOSE:

Provide a state-of-the-art review of the field of catheter and surgical ablation of AF and to report the findings of a writing group

AUDIO: The purpose of the Consensus Statement is to provide a thorough review of the current literature on AF ablation and report the findings.

What is the HRS Consensus Statement?

2017 HRS/EHRA/ECAS/APHS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation

Hugh Galkin, MD (Chair),¹ Gerhard Hindricks, MD (Vice-Chair),^{1,2} Ricardo Cappato, MD (Vice-Chair),^{3,4} Young Hoon Kim, MD, PhD (Vice-Chair),^{5,6} Eduardo B. Saad, MD, PhD (Vice-Chair),^{7,8} Luis Aguirre, MD, PhD,⁹ Joseph G. Alaz, MD, PhD,¹⁰ Yusef Bakhari, MD,¹¹ Josee Beniguel, MD, PhD,¹² John Camm, MD,¹³ Peng-Sheng Chen, MD,¹⁴ Shih-Ann Chen, MD,¹⁵ Mina K. Chung, MD,¹⁶ Jens Cossetti Nielsen, DMSc, PhD,¹⁷ Anne E. Curtis, MD,¹⁸ D. Wayne Davies, MD,¹⁹ John D. Day, MD,²⁰ Andri d'Avella, MD, PhD,^{21,22} N.M.S. (Nataja) de Groot, MD, PhD,²³ Luigi Di Biase, MD, PhD,²⁴ Matthias Dichtl, MD, PhD,²⁵ James R. Edgerton, MD,²⁶ Kenneth A. Ellenbogen, MD,²⁷ Patrick T. Ellner, MD, PhD,²⁸ Sabine Ernst, MD, PhD,²⁹ Guilherme Ferrelon, MD, PhD,³⁰ Edward P. Gerstenfeld, MD,³¹ David E. Haines, MD,³² Michel Haissaguerre, MD,³³ Robert H. Heide, MD,³⁴ Elaine Hyman, MD, MPH,³⁵ Warren M. Jackman, MD,³⁶ Jose Jalife, MD,³⁷ Jonathan M. Kalman, MBBS, PhD,³⁸ Josef Kautzner, MD, PhD,³⁹ Hans Kottkamp, MD,⁴⁰ Karl-Heinz Kuck, MD, PhD,⁴¹ Keiichi Kamagata, MD, PhD,⁴² Richard Lee, MD, MBA,⁴³ Thorsten Lewalter, MD, PhD,⁴⁴ Bruce D. Lindsay, MD,⁴⁵ Laurent Macle, MD,⁴⁶ Mouna Mansour, MD,⁴⁷ Francis E. Marchionni, MD,⁴⁸ Gregory F. Mitchell, MD,⁴⁹ Atsushi Nakagawa, MD, PhD,⁵⁰ Andrea Natale, MD,⁵¹ Stanley Nattel, MD,⁵² Ken Okumura, MD, PhD,⁵³ Douglas Packer, MD,⁵⁴ Evgeny Pechachnikov, MD, PhD,⁵⁵ Matthew B. Reynolds, MD, MSc,⁵⁶ Pius-Sven Sanders, MBBS, PhD,⁵⁷ Mauricio Santana, MD, PhD,⁵⁸ Richard Schilling, MD,⁵⁹ Claudio Tondo, MD, PhD,⁶⁰ Hsuan-Ming Tsao, MD,⁶¹ Atul Verma, MD,⁶² David J. Wilber, MD,⁶³ Teichichi Yamane, MD, PhD,⁶⁴

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PURPOSE:

Provide a state-of-the-art review of the field of catheter and surgical ablation of AF and to report the findings of a writing group

OBJECTIVES:

PRIMARY

Improve patient care to those involved in the treatment of AF

SECONDARY

Provide recommendations for designing clinical trials and reporting outcomes of clinical trials related to AF ablation

AUDIO: As you see listed here, there are two main goals for the Consensus Statement: First, to improve patient care, and second, to make recommendations for future research.

What is the HRS Consensus Statement?

2017 HRS/EHRA/ECAS/APHS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation

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THE CONSENSUS IS NOT A GUIDELINE!

The ultimate judgment regarding care of a particular patient must be made by the health care provider



AUDIO: Keep in mind that the consensus is not meant as a guideline or protocol.

The ultimate judgment regarding patient care is always made by the health care provider.

The Development Timeline of the Consensus

Expert Consensus Statement on Catheter and Surgical Ablation of Atrial Fibrillation:

2007

2012

2017

INITIAL CONSENSUS

The first consensus on Catheter and Surgical Ablation was published by HRS, EHRA, ECAS, STS and ACC

AUDIO: Let's briefly trace the development of the expert consensus statement.

In 2007, the first consensus statement on catheter and surgical ablation was published by these organizations...

The Development Timeline of the Consensus

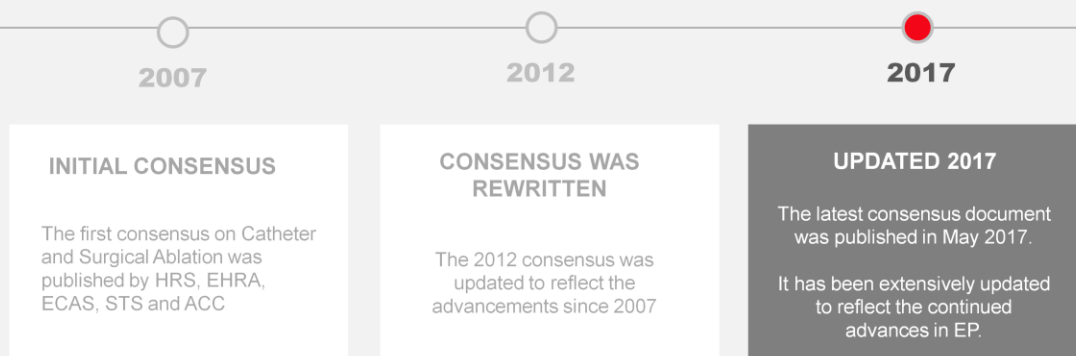
Expert Consensus Statement on Catheter and Surgical Ablation of Atrial Fibrillation:



AUDIO continues: ...In 2012, the consensus was rewritten to reflect advancements since 2007...

The Development Timeline of the Consensus

Expert Consensus Statement on Catheter and Surgical Ablation of Atrial Fibrillation:



AUDIO continues: ...and the latest consensus statement was published in May 2017. As you'll learn in these modules, this document has extensively updated to reflect the continued advances in electrophysiology.

Overview



Topics You'll Explore:

Introducing the 2017 HRS Consensus Statement

How the Consensus Statement was developed



AUDIO: Finally, let's learn briefly how the consensus statement was developed.

The Consensus Writing Group

The Consensus Writing Group is composed of 60 experts* representing 11 organizations.



HRS, Heart Rhythm society (HRS)
European Heart Rhythm Association (EHRA)
European Cardiac Arrhythmia Society (ECAS)
Asia Pacific Heart Rhythm Society (APHRS)
SOLAECE
STS
American College of Cardiology (ACC)
American Heart Association (AHA)
Canadian Heart Rhythm Society (CHRS)
Japanese Heart Rhythm Society (JHRS)
Brazilian Society of Cardiac Arrhythmias (Sociedade Brasileira de Arritmias Cardíacas [SOBRAC])

*All members of the writing group, as well as peer reviewers of the document, have provided disclosure statements for all relationships that might be perceived as real or potential conflicts of interest.

AUDIO: The consensus writing group includes 60 experts representing these 11 organizations.

The Consensus Development Process

Here's a quick overview of how the Consensus Statement was developed.



RECOMMENDATIONS
BALLOTTED

AUDIO: Here's the development process...

The Consensus Development Process

Here's a quick overview of how the Consensus Statement was developed.



RECOMMENDATIONS BALLOTTED

Recommendations
were systematically
balloted

AUDIO continues: ...First, recommendations were systematically balloted...

The Consensus Development Process

Here's a quick overview of how the Consensus Statement was developed.



RECOMMENDATIONS
BALLOTTED

Recommendations
were systematically
balloted



80% AGREEMENT
NEEDED

At least 80% consensus
was needed in order for a
recommendation to be included

AUDIO continues: ...In order for a recommendation to be included, at least 80% consensus was needed...

The Consensus Development Process

Here's a quick overview of how the Consensus Statement was developed.



RECOMMENDATIONS BALLOTTED

Recommendations
were systematically
balloted



80% AGREEMENT NEEDED

At least 80% consensus
was needed in order for a
recommendation to be included



PUBLIC COMMENT PERIOD

Recommendations were
subject to a 1-month
public comment period

AUDIO concludes: ...Finally, recommendations were subject to a 1-month public comment period.

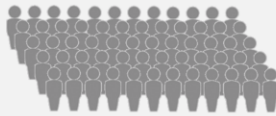
The 2017 Consensus in Numbers

Here are a few statistics to give you a sense of the effort involved in developing this consensus statement.

170 pages



60 authors



1399 references



AUDIO: Finally, here are a few statistics to give you a sense of the effort involved in developing this consensus statement. The 2017 Consensus Statement is 170 pages long, involved 60 authors and includes 1399 references...

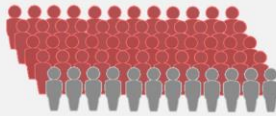
The 2017 Consensus in Numbers

Here are a few statistics to give you a sense of the effort involved in developing this consensus statement.

170 pages



60 authors



Recommendations were
balloted and approved by
> 80% of the members

1399 references



AUDIO continues: ...Recommendations were balloted and approved by over 80% of the members...

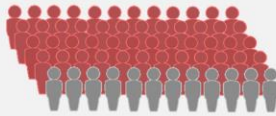
The 2017 Consensus in Numbers

Here are a few statistics to give you a sense of the effort involved in developing this consensus statement.

170 pages



60 authors



1399 references



2012 Consensus Statement

86 pages

40 authors

736 references

AUDIO continues: ...The 2012 version, in contrast, was just 86 pages with 40 authors and 736 references.

Congratulations!

You've completed this first module on the 2017 HRS Consensus Statement on AF Catheter Ablation.

You may now exit the lesson.



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AUDIO: Congratulations! You've completed this overview module on the 2017 HRS Consensus Statement on AF Catheter Ablation. You may now exit the lesson.