

# EuroValve

## October 28- 29, 2021

HOTEL LIÈGE CONGRÈS, BELGIUM

### **COURSE DIRECTORS**

Patrizio Lancellotti, Liege, Belgium  
Khalil Fattouch, Palermo, Italy  
Gilbert Habib, Marseille, France  
José Luis Zamorano, Madrid, Spain  
Philippe Pibarot, Québec, Canada  
Mani Vannan, Atlanta, USA  
Jeroen Bax, Leiden, The Netherlands

[www.eurovalvecongress.com](http://www.eurovalvecongress.com)

# EuroValve

October 28- 29 2021  
HOTEL LIÈGE CONGRÈS, BELGIUM

## CLINICAL PRACTICE GUIDELINE: FULL TEXT

### 2020 ACC/AHA Guideline for the Management of Patients With Valvular Heart Disease

A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines

#### GUIDELINES AND RECOMMENDATIONS

#### Echocardiographic assessment of the tricuspid and pulmonary valves: a practical guideline from the British Society of Echocardiography

Abbas Zaidi MD<sup>1</sup>, David Oxborough PhD<sup>2,3</sup>, Daniel X Augustine MD<sup>4,5</sup>, Radwa Bedair MD<sup>6</sup>, Allan Harkness MSc<sup>7</sup>, Bushra Rana MBBS<sup>8</sup>, Shaun Robinson MSc<sup>9</sup> and Luigi P Badano MD PhD<sup>10,11</sup> on behalf of the Education Committee of the British Society of Echocardiography

#### GUIDELINES AND RECOMMENDATIONS

#### The assessment of mitral valve disease: a guideline from the British Society of Echocardiography

Shaun Robinson MSc<sup>1</sup>, Liam Ring MBBS<sup>2</sup>, Daniel X Augustine MD<sup>3,4</sup>, Sushma Rekhraj MD<sup>5</sup>, David Oxborough Allan Harkness MSc<sup>7</sup>, Patrizio Lancellotti PhD<sup>8</sup> and Bushra Rana MBBS<sup>9</sup>

4156

CardioPulse

doi:10.1093/eurheartj/ehaa778

### Heart Valve Specialist Core Syllabus of the ESC Council on Valvular Heart Disease



European Heart Journal (2021) 00, 1–72  
doi:10.1093/eurheartj/ehab395

#### ESC/EACTS GUIDELINES

### 2021 ESC/EACTS Guidelines for the management of valvular heart disease

Developed by the Task Force for the management of valvular heart disease of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS)

JACC: CARDIOVASCULAR IMAGING  
© 2021 BY THE AMERICAN COLLEGE OF CARDIOLOGY FOUNDATION  
PUBLISHED BY ELSEVIER

#### EDITORIAL COMMENT

### Redefining Severe Functional Mitral Regurgitation

#### Can We Reconcile Guideline Differences?\*

Paul A. Grayburn, MD,<sup>a</sup> Anna Sannino, MD, PhD,<sup>a,b</sup> Patrizio Lancellotti, MD<sup>c</sup>

### International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes

Hector I. Michelena, MD, Alessandro Della Corte, MD, PhD, Arturo Evangelista, MD, Joseph J. Maleszewski, MD, William D. Edwards, MD, Mary J. Roman, MD, Richard B. Devereux, MD, Borja Fernández, PhD, Federico M. Asch, MD, Alex J. Barker, PhD, Lilia M. Sierra-Galan, MD, Laurent De Kerchove, MD, Susan M. Fernandes, LPD, PA-C, Paul W. M. Fedak, MD, PhD, Evaldas Girdauskas, MD, Victoria Delgado, MD, Suhny Abbara, MD, Emmanuel Lansac, MD, Siddharth K. Prakash, MD, PhD, Malenka M. Bissell, MD, Bogdan A. Popescu, MD, PhD, Michael D. Hope, MD, Marta Sitges, MD, PhD, Vinod H. Thourani, MD, Philippe Pibarot, DVM, PhD, Krishnaswamy Chandrasekaran, MD, Patrizio Lancellotti, MD, Michael A. Borger, MD,



European Heart Journal (2021) 00, 1–5  
doi:10.1093/eurheartj/ehab196

#### VIEWPOINT

Thrombosis and antithrombotic treatment

### Management of antithrombotic therapy in patients undergoing transcatheter aortic valve implantation: a consensus document of the ESC Working Group on Thrombosis and the European Association of Percutaneous Cardiovascular Interventions (EAPCI), in collaboration with the ESC Council on Valvular Heart Disease

Jurrien ten Berg<sup>1,2,\*</sup>, Dirk Sibbing<sup>3,4,5</sup>, Bianca Rocca<sup>6</sup>, Eric Van Belle<sup>7</sup>, Bernard Chevalier<sup>8</sup>, Jean-Philippe Collet<sup>9</sup>, Dariusz Dudek<sup>10,11</sup>, Martine Gilard<sup>12</sup>, Diana A. Gorog<sup>13,14</sup>, Julia Grapsa<sup>15</sup>, Erik Lerkevang Grove<sup>16</sup>, Patrizio Lancellotti<sup>17,18</sup>, Anna Sonia Petronio<sup>19</sup>, Andrea Rubboli<sup>20</sup>, Lucia Torracca<sup>21</sup>, Gemma Vilahur<sup>22</sup>, Adam Witkowski<sup>23</sup>, and Julinda Mehilli<sup>4,5,24</sup>



# EuroValve

October 28- 29 2021  
HOTEL LIÈGE CONGRÈS, BELGIUM

## CLINICAL PRACTICE GUIDELINE: FULL TEXT

### 2020 ACC/AHA Guideline for the Management of Patients With Aortic Valve Disease

A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines

#### GUIDELINES AND RECOMMENDATIONS

#### Echocardiographic assessment of aortic stenosis, aortic regurgitation, mitral regurgitation and pulmonary valves disease guideline from the British Society of Echocardiography

Abbas Zaidi MD<sup>1</sup>, David Oxborough PhD<sup>2,3</sup>, Daniel X Augustine MD<sup>4,5</sup>, Radwa Ben Bushra Rana MBBS<sup>6</sup>, Shaun Robinson MSc<sup>9</sup> and Luigi P Badano MD PhD<sup>10,11</sup> on behalf of the British Society of Echocardiography

#### GUIDELINES AND RECOMMENDATIONS

#### The assessment of mitral regurgitation: a guideline from the British Society of Echocardiography

Shaun Robinson MSc<sup>1</sup>, Liam Ring MBBS<sup>2</sup>, Daniel X Augustine MD<sup>3,4</sup>, Sushma Rekhraj MD<sup>5</sup>, David Oxborough Allan Harkness MSc<sup>7</sup>, Patrizio Lancellotti PhD<sup>8</sup> and Bushra Rana MBBS<sup>9</sup>

4156

CardioPulse

doi:10.1093/eurheartj/ehaa778

### Heart Valve Specialist Core Syllabus of the ESC Council on Valvular Heart Disease

## PubMed\_Timeline\_Results\_by\_Year

Search query: valvular heart disease	
Year	Count
2021	4374
2020	6877

### Redefining Severe Functional Mitral Regurgitation

#### Can We Reconcile Guideline Differences?\*

Paul A. Grayburn, MD,<sup>a</sup> Anna Sannino, MD, PhD,<sup>a,b</sup> Patrizio Lancellotti, MD<sup>c</sup>

### International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Application for Clinical, Surgical, and Research Purposes

Andreo Della Corte, MD, PhD, Arturo Evangelista, MD, William D. Edwards, MD, Mary J. Roman, MD, Fernández, PhD, Federico M. Asch, MD, Alex J. Barker, PhD, Vincent De Kerchove, MD, Susan M. Fernandes, LPD, PA-C, J. G. Girdauskas, MD, Victoria Delgado, MD, J. J. Lansac, MD, Siddharth K. Prakash, MD, PhD, J. A. Popescu, MD, PhD, Michael D. Hope, MD, I. Thourani, MD, Philippe Pibarot, DVM, PhD, J. J. MD, Patrizio Lancellotti, MD, Michael A. Borger, MD, et al.

0, 1–5

VIEWPOINT

Thrombosis and antithrombotic treatment

### Antithrombotic therapy in patients with transcatheter aortic valve replacement: a consensus document of the ESC Working Group on Thrombosis and the European Association of Percutaneous Cardiovascular Interventions (EAPCI), in collaboration with the ESC Council on Valvular Heart Disease

Jurrien ten Berg <sup>1,2,\*</sup>, Dirk Sibbing<sup>3,4,5</sup>, Bianca Rocca <sup>6</sup>, Eric Van Belle<sup>7</sup>, Bernard Chevalier<sup>8</sup>, Jean-Philippe Collet <sup>9</sup>, Dariusz Dudek<sup>10,11</sup>, Martine Gilard<sup>12</sup>, Diana A. Gorog <sup>13,14</sup>, Julia Grapsa <sup>15</sup>, Erik Lerkevang Grove <sup>16</sup>, Patrizio Lancellotti<sup>17,18</sup>, Anna Sonia Petronio<sup>19</sup>, Andrea Rubboli<sup>20</sup>, Lucia Torracca<sup>21</sup>, Gemma Vilahur<sup>22</sup>, Adam Witkowski<sup>23</sup>, and Julinda Mehilli<sup>4,5,24</sup>

## Putting Heart Valve Disease on the Agenda

- Only 3.8% of over 60s know what it is
- 54% of Europeans over 60 say their primary care practitioner rarely or never checks their heart with a stethoscope
- Leaving heart valve disease undiagnosed and untreated can lead to heart failure and death
- Up to 50% of death if symptoms and severe VHD not treated at 2-years

### Detection in Primary Care



CANADIAN  
CARDIOVASCULAR  
CONGRESS

CONGRÈS CANADIEN  
SUR LA SANTÉ  
CARDIOVASCULAIRE

### Awareness

#### Systemic Auscultation

Every Canadian **over 60**, or with a **pre-existing valve condition**, should receive **annual** auscultation by stethoscope as part of routine check-ups by 2025

#### Access to digital tools



Hosted by • Organisation d'accueil



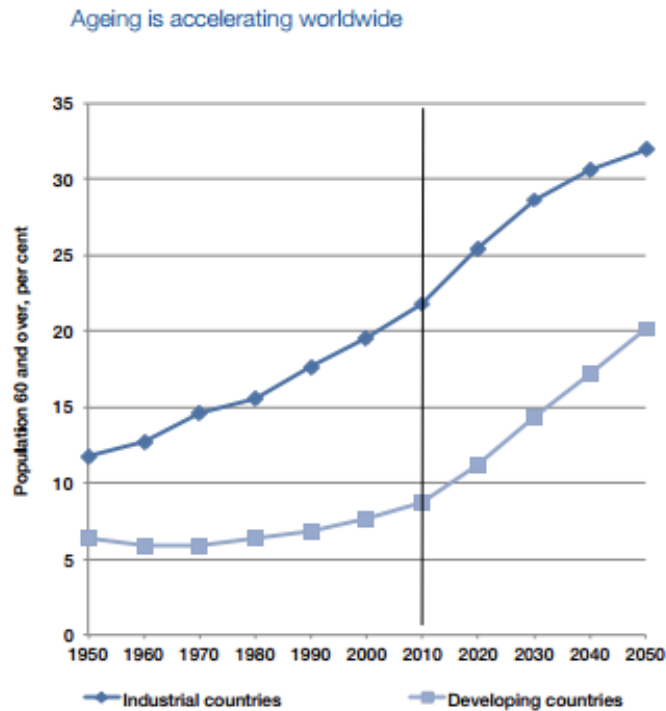
Canadian Cardiovascular  
Society  
Leadership. Knowledge. Community.

Société canadienne  
de cardiologie  
Communauté. Connaissances. Leadership.

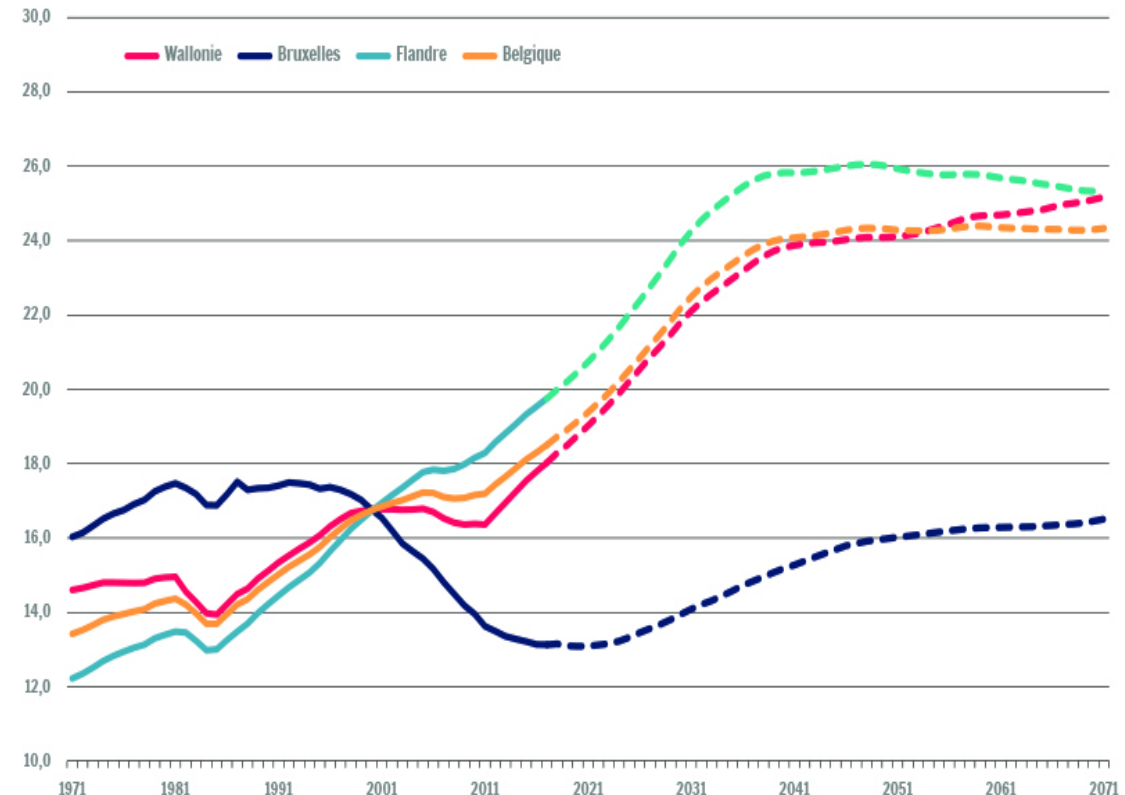
Over 10 million Europeans live with heart valve disease

## Calls to Action

## The over-65 yrs population across Europe will double by 2060



Source: UN, World Population Prospects: The 2010 Revision



**Estimates suggest that by the age of 75, the prevalence of heart valve disease is over 13%**

**2017**

	0-17 ans	%	18-64 ans	%	65 ans et plus	%
Belgique	2.294.639	20,3%	6.932.352	61,2%	2.095.097	18,5%
Région de Bruxelles-Capitale	273.697	23,0%	761.418	63,9%	156.489	13,1%
Région flamande	1.264.376	19,4%	3.964.600	60,8%	1.287.035	19,8%
Région wallonne	756.566	20,9%	2.206.334	61,1%	651.573	18,0%

**> 200 000 patients have >Mild VHD**

**JACC REVIEW TOPIC OF THE WEEK**

# Restructuring Structural Heart Disease Practice During the COVID-19 Pandemic

## JACC Review Topic of the Week



Christine J. Chung, MD,<sup>a</sup> Tamim M. Nazif, MD,<sup>a</sup> Mariusz Wolbinski, MD,<sup>a</sup> Emad Hakemi, MD,<sup>a</sup> Mark Lebehn, MD,<sup>a</sup> Russell Brandwein, MS, PA-C,<sup>a</sup> Carolina Pinheiro Rezende, PA-C,<sup>a</sup> James Doolittle, PA-C,<sup>b</sup> Leroy Rabbani, MD,<sup>a</sup> Nir Uriel, MD, MSc,<sup>a</sup> Allan Schwartz, MD,<sup>a</sup> Angelo Biviano, MD, MPH,<sup>a</sup> Elaine Wan, MD,<sup>a</sup> Lisa Hathaway, BA,<sup>a</sup> Rebecca Hahn, MD,<sup>a</sup> Omar Khalique, MD,<sup>a</sup> Nadira Hamid, MD,<sup>a</sup> Vivian Ng, MD,<sup>a</sup> Amisha Patel, MD,<sup>a</sup> Torsten Vahl, MD,<sup>a</sup> Ajay Kirtane, MD,<sup>a</sup> Vinayak Bapat, MD,<sup>b</sup> Isaac George, MD,<sup>b</sup> Martin B. Leon, MD,<sup>a</sup> Susheel K. Kodali, MD<sup>a</sup>