# THE BURDEN **OF ATRIAL** FIBRILLATION (AF)

## **Understanding the Impact** of the New Millennium **Epidemic across Europe**

Report highlights AF as one of Europe's most significant health issues<sup>1</sup>



**WHAT IS AF?** 

### THE CHALLENGE OF AF

11 million people affected across Europe.

By 2050 Europe is projected to have the greatest number of AF patients compared to other regions.4

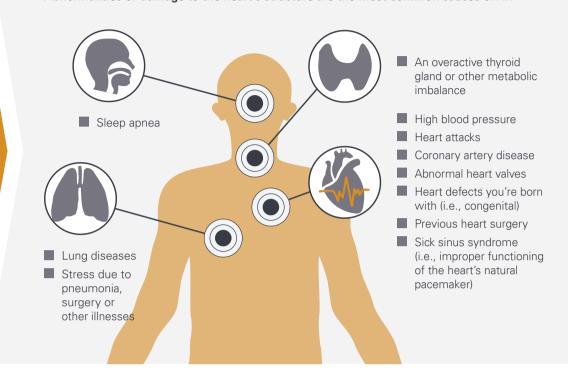
€660 – €3,286 million

estimated cost to healthcare systems across European countries.

AF increases the risk of other potentially fatal conditions such as heart failure and stroke.9-1

#### **CAUSES OF AF**

Abnormalities or damage to the heart's structure are the most common causes of AE.11-14



**Symptoms of AF disrupt** normal life and range from mild to debilitating 15-17

SYMPTOMS OF AF



15%-30% OF PATIENTS **EXPERIENCE NO SYMPTOMS** AF can also be silent<sup>18</sup>

**WHO IS AT RISK?** 

AF is a common agerelated arrhythmia<sup>12,13,19</sup>

**40 YEARS AND OLDER** develop AF in their lifetime<sup>13</sup>

suffering from (or diagnosed with) AF or Atrial Flutter ARE 65 YEARS OLD OR OLDER<sup>3</sup>

AF INCREASES THE RISK OF OTHER LIFE-THREATENING **CONDITIONS<sup>10</sup>** 

Increase heart failure



Increase stroke

Increase cardiovascular mortality

**Estimates suggest that by** 2030, the number of people with AF is expected to increase up to 70%,<sup>20</sup> leading to more strokes, hospitalizations and outpatient visits.



**STROKES** 



**HOSPITALIZATIONS FOR AF** 



#### **BURDEN OF AF ON PATIENTS**

Patients often report impaired function and disruption of everyday activities, impacting considerably on quality of life.16,21



**25% DISRUPTION TO DAILY ACTIVITIES**<sup>22</sup>

**REDUCTION IN QUALITY** OF LIFE<sup>22-23</sup>

#### **BURDEN ON HEALTHCARE SYSTEMS**

The economic burden of AF places a critical financial impact on healthcare systems across Europe.5-8

**FRANCE GERMANY** ITALY the UK over **PATIENTS** ARE **ESTIMATED** 

the reported **COSTS** range from

#### **EARLY DETECTION IS KEY**

Early detection and diagnosis of AF may help improve patient outcomes, since long history and duration of AF have been associated with recurrence.24-25



1 in 5 **PATIENTS PROGRESS** IN 1YEAR<sup>26</sup>

PERSISTENT AF PAROXYSMAL AF

# **TACKLING AF**

#### Improved awareness of AF

- To support earlier detection and diagnosis and reduce need for costly emergency care.
- To support better treatment and management of AF and to avoid the development of complications.

#### **Education and support for** patients & carers

To help patients and their carers manage their condition more effectively with the goal of improving quality of life and to reduce the need for medical interventions.

Impact of the New Millennium Epidemic across Europe,

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A copy of the full report can be downloaded www.jnjmedicaldevices.com/en-EMEA



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