


Specifications


Intellisense Technology	Yes	Cuff wrap guide	Yes
Memory	90 Readings	Connected	Yes
Body Movement Detection	Yes	Consumer or Professional	Healthcare Professionals and Consumers
Irregular heartbeat detection	Yes	Averaging Function	Yes
Device type	Bloodpressure Monitor and 1-Lead ECG Monitor	Cuff type	Easy Cuff 22-42 cm
Storage case included	Yes	Validation	Clinical Validation
Compatible mobile app	Compatible with OMRON connect app	Weight (kg)	0.55
		Item dimensions (mm)	232 × 123 × 989

What's in the box

- 1 × Complete 2-in-1 blood pressure monitor and ECG with 22 - 42 cm Easy cuff
- 4 × AA batteries
- instruction manual
- storage case



Learn more and discover OMRON Complete



Learn more about the latest developments, guidelines and practical information about Atrial Fibrillation in OMRON Academy

References

1. Brandes, Axel et al. "Risk Factor Management in Atrial Fibrillation." Arrhythmia & electrophysiology review vol. 7,2 (2018): 118-127. doi:10.15420/aer.2018.18.2

2. Nesheiwat Z, Goyal A, Jagtap M. Atrial Fibrillation. [Updated 2020 Nov 18]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK526072/>

3. Esato M, Chun YH, An Y, et al. Clinical Impact of Asymptomatic Presentation Status in Patients With Paroxysmal and Sustained Atrial Fibrillation: The Fushimi AF Registry. Chest. 2017;152(6):1266-1275.

4. NHS, Atrial Fibrillation, 2018. Available at <https://www.nhs.uk/conditions/atrial-fibrillation/complications/>. Last accessed May 2019.

5. Verdecchia, Paolo, Fabio Angeli, and Gianpaolo Reboldi. "Hypertension and atrial fibrillation: doubts and certainties from basic and clinical studies." Circulation Research 122.2 (2018): 352-368.

6. Howard, Patricia A. "Guidelines for stroke prevention in patients with atrial fibrillation." Drugs 58.6 (1999): 997-1009.

7. Hindricks G. et al. 2020 ESC Guidelines for the diagnosis and management of atrial fibrillation developed in collaboration with the European Association of Cardio-Thoracic Surgery (EACTS). European Heart Journal (2020) 00, 1-126. doi:10.1093/eurheartj/ehaa612

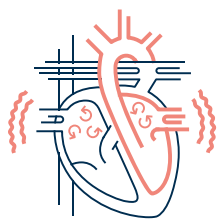


OMRON Complete

2-in-1 Home blood pressure monitor and 1-lead ECG



Atrial Fibrillation



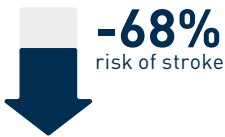
Atrial Fibrillation is the most common type of arrhythmia which is detected via an electrocardiogram (ECG). About **1 in 4** middle-aged adults will develop atrial fibrillation.

It is classified into 4 varieties: paroxysmal, persistent, long-standing persistent and permanent. Treatment needs to be tailored to the individual patient in accordance with the duration, symptoms, and severity ^{1,2}.



Risk of Atrial Fibrillation

Early detection and treatment are critical for the (unaware) patients; it reduces the risk of stroke by 68%.⁶



The risk of developing Atrial Fibrillation increases with age.

Patients may have various symptoms (such as heart palpitations, shortness of breath, weakness, chest pain, dizziness) but **50 - 87 %** are initially **asymptomatic** (!)⁷

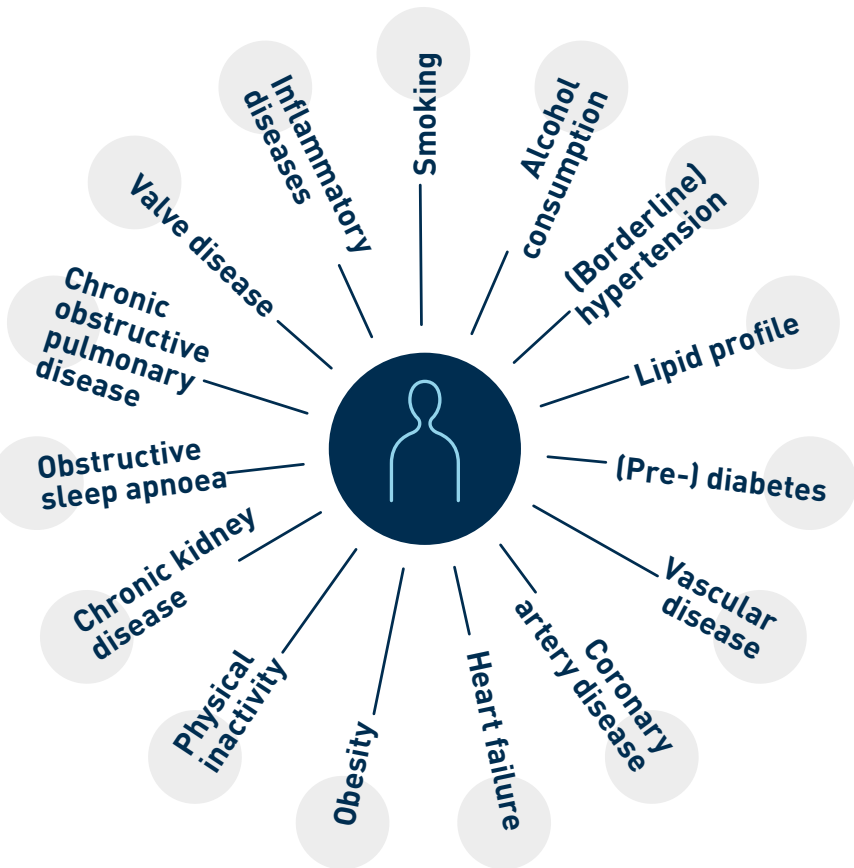


Atrial Fibrillation is associated with a 5x greater risk of stroke and heart failure.⁴



In 60-80% of Atrial Fibrillation cases hypertension is present.⁵

Risk Factors and Underlying Comorbidities to be addressed in Chronic Comprehensive Atrial Fibrillation Management.¹



2020 ESC Guidelines on Atrial Fibrillation⁷



1. Lifestyle changes and weight loss in obesity are highly recommended to manage atrial fibrillation.



2. Opportunistic screening for atrial fibrillation is recommended in hypertensive patients and elderly.



3. Definite diagnosis of AF in screen-positive cases is established only after physician reviews the single-lead ECG recording of ≥30 s or 12-lead ECG and confirms that it shows AF.

Complete

A 2-in-1 home blood pressure monitor with a 1-lead ECG function.

2-in-1 Device	Features	Conditions Detected	OMRON connect
With OMRON Complete, you can take an ECG with a regular blood pressure check	Instant, easy & accurate	Screen for a range of cardiac conditions with just one device	Patient care goes beyond the office visit
Takes two critical measurements at once to help detect patients' risk of stroke sooner	OMRON Complete instantly displays blood pressure measurements and ECG results	OMRON Complete is designed to quickly detect: Heart rhythm irregularities, such as AFib, tachycardia, and bradycardia Hypertension & hypotension Normal sinus rhythm	OMRON connect app allows patients to securely share results from the comfort of their home Syncs readings so you can monitor progress remotely This supports continuous care conversations with patients or their caregivers, even after they leave the office
Provides accurate results to aid diagnoses and effective treatment recommendations	Translates ECG readings into clear message, so users easily understand if a heart rhythm irregularity like AFib is detected or not		
Helps patients and their caregivers actively monitor the risk of stroke at home	Supported by clinically validated accuracy of both ECG and blood pressure readings ⁶		

