

ZENICOR ONE

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Handheld ECG for prolonged
monitoring of arrhythmias
– integrated transmission
via 4G/5G

Zenicor
MEDICAL SYSTEMS

What is Zenicor One?

Zenicor One is a handheld ECG device where patient's ECG is simply recorded by placing thumbs on two electrodes for 30 seconds. The simple method allows for a prolonged investigation period (2-4 weeks), during which the patient records their ECG 2-4 times a day and/or when experiencing symptoms. The ECG can be transferred from the device with a press of a button via mobile network to a central database for review.

Zenicor Medical Systems have products certified according to Medical Device Regulation, MDR.

Improved efficacy for arrhythmia investigation

Zenicor One has been proven to diagnose up to four times more cases of arrhythmias compared to 24-48 hours continuous ECG.¹⁻³



Screening with Zenicor One

Zenicor One has been utilised in atrial fibrillation screening trials STROKESTOP 1 and 2 (Sweden) as well as the SAFER trial (in the UK and Australia), the world's largest RCT in screening for atrial fibrillation.

Technical specifications

- Wireless transmission of ECG recordings via mobile network
- Internal storage space for 200 ECG recordings
- Size 150 x 65 x 30 mm
- Weight 135 g without batteries (3 x 1.5 V AA)
- IP22 rating



Validated and cost-effective

Scientifically validated for arrhythmia investigation and atrial fibrillation screening in over 50 published scientific studies and 7 theses, all unique to Zenicor.¹⁻⁷

The complete list is available at www.zenicor.com/research-reports

Ease of use for the care provider

- Integration with Zenicor View, a web-based analysis system.
- Allows for remote interpretation of ECGs.
- Allows ECG quality checks and interpretation during ongoing investigation.
- Interpretation support for facilitating interpretation.⁶

Benefits for the patient

- Enables prolonged investigation period.
- Simple operation for recording and transmitting ECG measurements.
- No need for pairing or additional equipment to transmit ECG.
- Symptom button enabling symptom rhythm correlation.

- Measuring range 30-300 beats/min
- CE marked as Zenicor EKG-2 and marketed under the name Zenicor One
- Medical device class IIa
- Supports EN 60601-2-25 and -2-47

List of references published studies

1. Orrsjö G, Cederin B, Bertholds E, Nasic S, Welin L. Screening of Paroxysmal Atrial Fibrillation after Ischemic Stroke: 48-Hour Holter Monitoring versus Prolonged Intermittent ECG Recording. ISRN Stroke, 2014; 208195
2. Doliwa PS, Änggårdh Rooth E, Frykman Kull V, von Arbin M, Wallén H, Rosenqvist M. Improved screening for silent atrial fibrillation after ischaemic stroke. Europace. 2012;14:1112-1116.
3. Hendrikx T, Rosenqvist M, Wester P, Sandström H, Hörnsten R. Intermittent short ECG recording is more effective than 24-hour Holter ECG in detection of arrhythmias. BMC Cardiovascular Disorders. 2014; 14:41
4. Levin L, Husberg M, Doliwa Sobocinski P, Frykman Kull V, Friberg L, Rosenqvist M, Davidson T. A cost-effectiveness analysis of screening for silent atrial fibrillation after ischaemic stroke. Europace. 2014; Oct:27
5. Aronsson, M, Svennberg, E, Rosenqvist, M, Endahl, J, Al-Khalili, F, Friberg, L, Frykman-Kull, V, Levin L-Å. Cost-effectiveness of mass screening for untreated atrial fibrillation using intermittent ECG recording. Europace. 2015; Apr:13: 1023-1029
6. Svennberg E., Stridh M., Engdahl J., Al-Khalili F., Friberg L., Frykman V., Rosenqvist M. Safe automatic one-lead electrocardiogram analysis in screening for atrial fibrillation. Europace 2016, Oct 6
7. The Dental and Pharmaceutical Benefits Agency, TLV. Health economic evaluation of Zenicor-EKG in atrial fibrillation, Feb 7th 2022

Zenicor One, a part of The Zenicor Solution



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For more information
Please watch our patient
instruction video. Scan
this QR Code to access
the video directly.

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