



ATRIAL FIBRILLATION

has different faces
and is difficult to find!

With **SRAclinic[®]** easy,
fast & reliable detectable.

atrial fibrillation - The complex way to diagnose

Search for atrial fibrillation

Present Search



Unsatisfactory and detecting happens by chance

Mostly patient monitoring without ECG evaluation

Rarely 24h Holter monitoring

Evaluation with a time lag (>3 weeks)

Increase of detection rate by longer derivation time

Automatic analysis and detection of atrial fibrillation episodes

Usability is easy, practical, staff efficiently and reliable

Detects patients with a risk of atrial fibrillation or acute atrial fibrillation

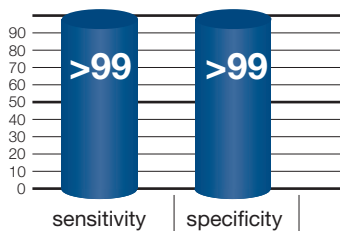
Optimized Search with **SRAclinic[®]**



SRA[®] - Optimal support for diagnosing atrial fibrillation

Stroke-Risk-Analysis (SRA[®]) from apoplex medical technologies provides a scientifically proven solution in the search for atrial fibrillation.

SRA[®]doc



Automatic detection rate of atrial fibrillation patients with **SRA[®]**

SRA[®] find atrial fibrillation patients with an sensitivity and specificity from >0,99 compared to a cardiac evaluation.

(Duning et al.; Extended electrocardiographic Poincaré analyses for better identification of patients with paroxysmal atrial fibrillation; JClinExpCardiology (2011))

SRA[®]24

OPEN ACCESS Freely available online

PLOS ONE

Improved Detection of Paroxysmal Atrial Fibrillation Utilizing a Software-Assisted Electrocardiogram Approach

Jürgen R. Schaefer^{1*}, Dieter Leussler², Ludger Rosin³, David Pittrow⁴, Thomas Hepp⁵

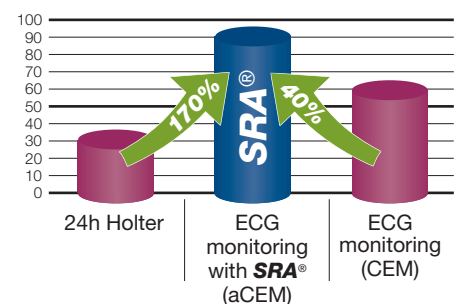
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With a sensitivity from 60% and 99% specificity patients with paroxysmal atrial fibrillation outside of episodes are detected with **SRA[®]**.

With a sensitivity and specificity from >0,99 patients with acute atrial fibrillation were detected.

(Schaefer et al.; Improved Detection of Paroxysmal Atrial Fibrillation Utilizing a Software-Assisted Electrocardiogram Approach (PLOS ONE 2014))

SRA[®]clinic



Detection rate for paroxysmal atrial fibrillation in percent

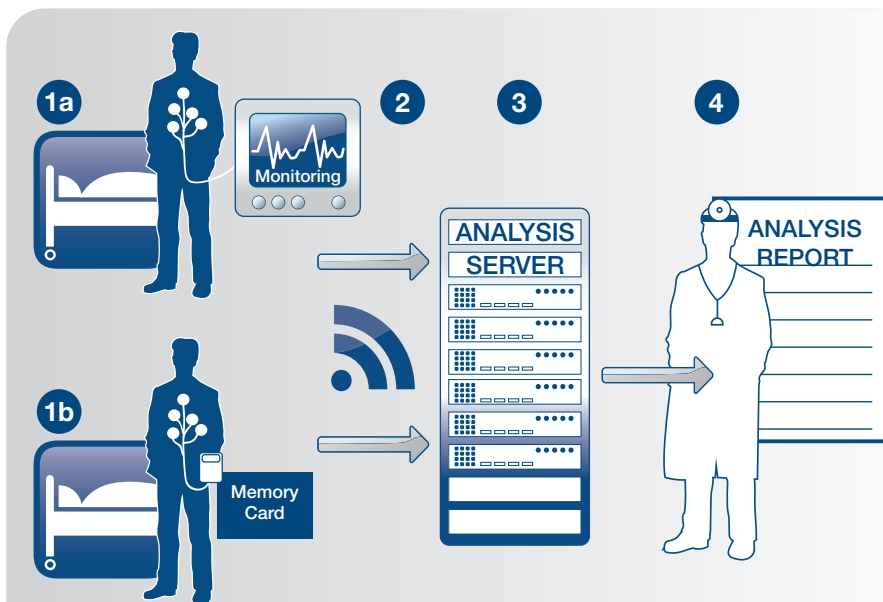
The detection rate from new diagnosed paroxysmal atrial fibrillation was increased by 40% - 170% with **SRA[®]**

(Rizos et al. Stroke (2012))

Stroke

MEMBER OF THE AMERICAN HEART ASSOCIATION

Procedure of a SRA[®] examination



5 minute ECG section -
Eases the verification and
documentation of atrial fibrillation

- 1a ECG derivation directly from the patient monitor
- 1b Traditional ECG derivation via separate electrodes / holter
- 2 Safe and anonymous ECG transfer via internet
- 3 Automatic analysis on the server of apoplex medical technologies. The original ECG will remain stored on the SRA[®] Server and can be accessed through the SRAclinic[®] Viewer
- 4 Prompt delivery of the analysis report via e-mail or internet access within a short and appropriate time

SRAclinic[®] provides medical and economic benefits

Fast and safe results

→ SRAclinic[®] delivers directly reliable results as a basis for an anticoagulation

Automatic analyse

→ SRAclinic[®] relieves doctors evaluating ECG data and creates space for different medical activities

Profitable method

→ SRAclinic[®] shortens the hospital stays, contributes to quality assurance in the stroke unit and generates more profit for the user.

