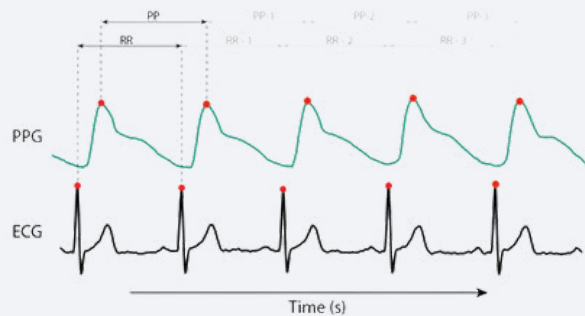


Substantial equivalence between PPG and ECG



Correlation between beat-to-beat intervals

99.3% correlation between ECG and PPG-derived beat-to-beat intervals¹



FibriCheck & ECG device algorithm equivalence

These studies compared the performance of the **FibriCheck algorithm** with the results from handheld (**single-lead**) ECG devices and demonstrated **substantial equivalence**



Find all our scientific resources on our **FibriCheck Academy**

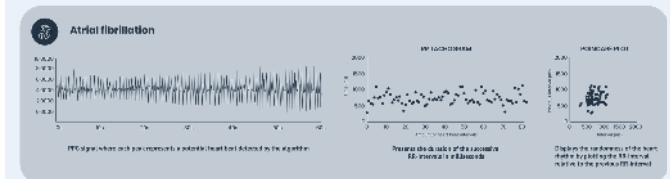
<https://academy.fibrichk.com>

- ✓ Automated analysis using FibriCheck's medically certified algorithm²
- ✓ Demonstrated equivalence compared to commercially available single-lead ECG¹
- ✓ Interpretable PPG results enable confirmation of pre-validated results and informed clinical decision making

- ✓ >10 peer-reviewed publications to validate PPG algorithm
- ✓ 97% weighted accuracy based on published literature
- ✓ 99% weighted accuracy based on latest performance results³

Interpretability of PPG recordings

Physicians can detect atrial fibrillation on a PPG output with **equivalent accuracy** compared to ECG⁴



- ✓ Equivalent interpretation performance compared to 12-lead ECG
- ✓ Tachogram and Poincaré plot facilitate the interpretation of the PPG measurement
- ✓ Consistent results in physicians with and without prior PPG experience

References:

1. Vandenberg et al, 2017, Clinical Validation of Heart Rate Apps- Mixed-Methods Evaluation Study

2. CE 1639

3. Unpublished internal document

4. Gruwez et al, 2021, Accuracy of Physicians Interpreting Photoplethysmography and Electrocardiography Tracings to Detect Atrial Fibrillation: INTERPRET-AF