

Pre-clinical trial of the ECG measurement method.

A study was conducted at the University Hospital in Lund validating Novosense totally wireless ECG solution.

ECG recordings were performed on a smaller study group with randomly mixed male and female subjects. A standard ECG machine (Megacart, Siemens-Elema) was used as a reference and recorded the ECG simultaneously with Novosense wireless ECG equipment. In this study the limb leads and the augmented limb leads were thoroughly compared.

The recorded ECG curves, from the Megacart and from Novosense equipment, were investigated visually by several experts. The outcome was that the ECG from both systems had identical form and amplitude. The evaluation board further found the result very interesting and fully motivating to proceed the development of the new product.