

Health economic analysis by Swedish Dental and Pharmaceutical Benefits Agency shows cost-effectiveness of using Coala Heart Monitor Pro in primary care

The Swedish Dental and Pharmaceutical Benefits Agency (TLV) has, at the request of the Medical Technology Product Council (MTP), carried out a Health economic analysis of Coala Heart Monitor Pro for remote monitoring and diagnosis of atrial fibrillation. The results have now been published by TLV with the conclusion that the use of Coala Heart Monitor Pro can provide greater benefit at a lower cost with a cost saving of approximately SEK 606 to SEK 929 per investigation compared with a 24-hour Holter ECG.

TLV's assessment is based on a Health economic analysis carried out in 2021 by Quantify Research, a consulting company specializing in Health economic investigations. The analysis compares cost and benefit of Coala Heart Monitor Pro and 24-hour Holter in Swedish healthcare setting. TLV concludes that Coala Heart Monitor Pro is cost-saving and generates greater benefit for the patient by detecting symptoms to a greater extent and thereby enables treatment to reduce the incidence/risk of stroke.

"TLV's assessment supports our analysis, and it is gratifying that both of these expert groups have come to the conclusion that Coala Heart Monitor Pro provides significant benefits to healthcare. Our patient-centered solution has the potential to reduce the burden on healthcare and shorten the waiting time for investigation of atrial fibrillation," comments Dan Pitulia, CEO of Coala Life.

"During the model development, we have worked closely with clinical expertise to close knowledge gaps where reliable data have been limited and to ensure that the model reflects a real world setting as accurately as possible. We have also received input from primary care physicians who already use Coala Heart Monitor Pro in their clinical practice, to adapt model scenarios accordingly. We are therefore confident that our evaluation, showing Coala Heart Monitor Pro to be a cost-saving alternative in Swedish primary care is reliable," explains Rosa Lauppe, Associate Director at Quantify Research and responsible for the analysis commissioned by Coala Life.

Atrial fibrillation is the most common arrhythmia in adults. In Sweden alone, it is estimated that over 300,000 people over the age of 20 have experienced symptoms of atrial fibrillation. Approximately ten percent of Sweden's population over the age of 80 is estimated to have atrial fibrillation, and in all age groups, atrial fibrillation is more common in men than in women. It is estimated that about a third of all atrial fibrillation is silent and asymptomatic, which leads to difficulties in making a diagnosis and can result

in increased risk of stroke. Novel medical technology solutions such as Coala Heart Monitor Pro provide healthcare providers with a cost-effective tool with higher diagnostic precision for investigations of intermittent atrial fibrillation compared to conventional 24-hour Holter ECG.

TLV's report is available for download [here](#).

About us

Coala Life is a medical device company founded in Sweden focusing on cloud-based cardiac and pulmonary diagnostics. The company has developed and launched the Coala Heart Monitor - a multi-award winning, FDA-cleared and CE-approved product platform enabling long-term remote monitoring, analysis and algorithm-based diagnostics of heart and lungs in real-time. The Coala Heart Monitor is mainly marketed to healthcare providers as an Rx solution for use in patient's everyday life and home environment. The company's solutions are based on over 10 years of R&D, and are protected by more than 30 patents. The head office is based in Uppsala, Sweden and since 2019, the US office is based in Irvine, California. More than 350 care providers and 1,000 doctors are connected to the Coala Care Portal. For more information see www.coalalife.com

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Attachments

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