



LIFE
FLOW

The **future standard for patients screening** with potential Coronary Artery Disease

We strongly believe that the future of modern healthcare depends on innovation in technology, in which physicians are supported by Artificial Intelligence.

We are dedicated to creating novel solutions that enable precise, user-friendly and safe procedures in diagnostic of Coronary Artery Disease (CAD).

 **3.8 million men**

 **3.4 million women**

die each year from CAD.¹

¹ Based on: Mackay J, Mensah G, eds. The Atlas of Heart Disease and Stroke, World Health Organization, Geneva, 2004.



It is important to detect cardiovascular disease as early as possible so that management with counselling and medicines can begin.²

² [https://www.who.int/en/news-room/fact-sheets/detail/cardiovascular-diseases-\(cvds\)](https://www.who.int/en/news-room/fact-sheets/detail/cardiovascular-diseases-(cvds))

How it works

Our unique diagnostics technology enables precise anatomical and physiological assessment of the coronary arteries without the added risks and costs of an invasive procedure.

Using data captured by a computerized tomography (CT) scan and Continuous Noninvasive Blood Pressure (CNBP) measurement, LifeFlow FFR CT CNBP generates a 3D model of a patient's heart and performs blood flow simulations.

LifeFlow FFR CT CNBP analysis applies numerical fluid mechanics techniques to predict the impact of any blockages.



In practice, thanks of LifeFlow FFR-CT CNBP analysis, most patients can be diagnosed, without needing any further invasive tests.

LifeFlow FFR-CT CNBP analysis – key advantages over invasive diagnostic:



Quicker diagnostic
more patients diagnosed



Better planning
of invasive procedures if necessary



Less stress & risk
for the patient



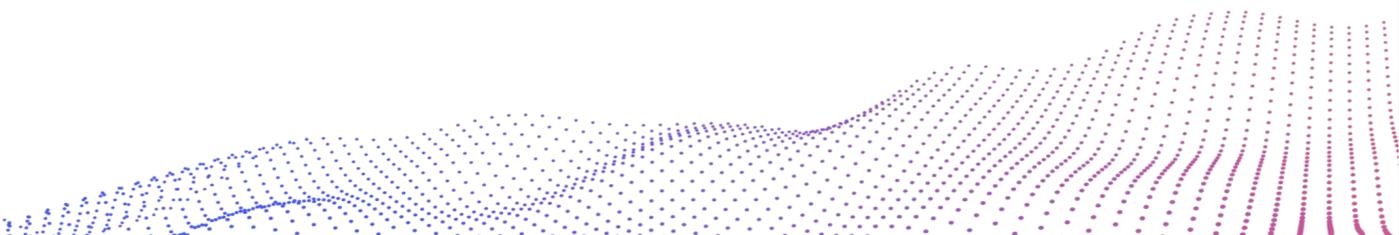
Better outcome
for the patient and health system



Lower costs
of overall diagnostic



Substantial reduction
of unnecessary angiograms



Both innovative LifeFlow and Azure technology are cloud solution which individually adapt to your needs and you can use them wherever you are.

By combining LifeFlow with the Azure, we bring to life the latest technology solutions to solve today's challenges and create the future.

Combining innovative LifeFlow technology with Azure ensures that customer data is protected from cyber threats at the highest level.

