enovation®

care to connect

myhealthConnect

Telemonitoring

E-health integrated into your systems and processes

E-health integrated into your systems and processes

The healthcare sector faces a number of major challenges. An ageing population with an increasing number of patients with chronic diseases and comorbidities along with a shortage of healthcare professionals, imposes more stress on a system already under severe pressure. Healthcare professionals and patients alike are experiencing the effects of these challenges, in particular the clinical challenge to provide pro-active care to patients in most need, whether it be to improve quality of life or reduce risk of hospital re-admission. Furthermore, healthcare is becoming less accessible to patients because of rising costs and increasing demand. There is a pressing need to embrace digital technology that can help professional's better monitor patient's conditions pro-actively, empower patients to self-monitor and importantly to enable adoption at scale. This is myhealthConnect!

Effortless Telemonitoring

myhealthConnect is a solution that orchestrates the data flow for remote patient health monitoring, regardless of the equipment or technology being used to capture vital signs and/or other health related measurements, or the systems being used to present information to healthcare professionals. In addition the solution can be provided with proven technology for patients to use "at home" with no IT knowledge required. The improved end-user experience increases adoption and up-take, because the patient only needs to plug a hub into a plug socket to capture the measurements using standard health monitoring devices. The equipment automatically and securely transmits the measurement data to the appropriate healthcare professional and is accessible at any time. This "real time accessibility" lets you monitor and assist your patients even more effectively and act in a timely manner if there are any abnormal measurements. The patient experience is improved and patients feel more involved, in control and better supported.
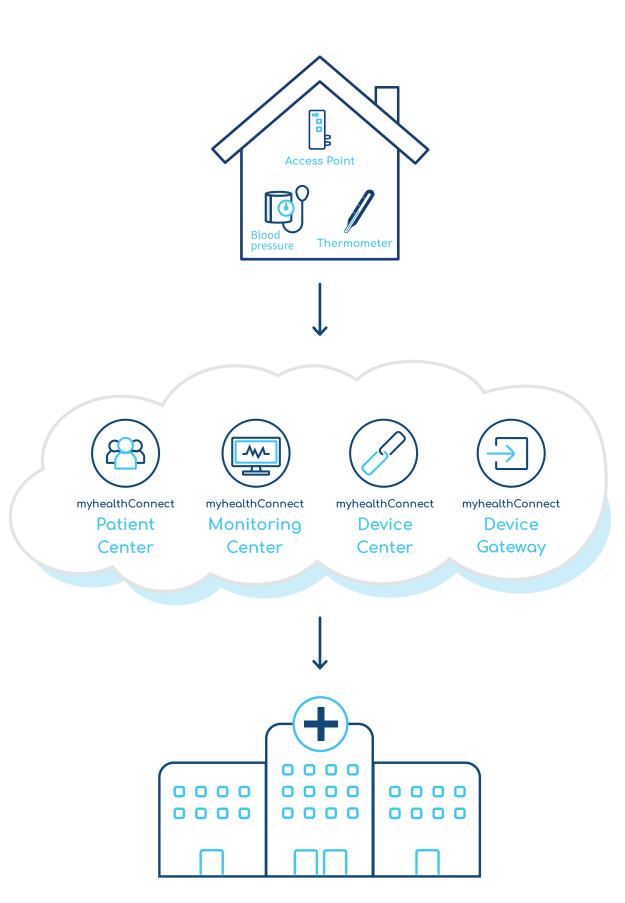
For whom?

myhealthConnect is designed for healthcare professionals who want to offer their patients more pro-active healthcare by combining continuous remote monitoring with on-site care when needed. Furthermore, myhealthConnect is also designed for patients who want more control and responsibility for their own healthcare, which will make living with their condition(s) easier.

"myhealthConnect Telemonitoring uses the 2net™ Hub produced by Capsule Technologies. The hub offers plug-and-play connectivity with the medical home measurement equipment and securely processes and transmits the data of the measurements that the patient captures, wherever they are."

Infographic myhealthConnect

Access Point

Blood pressure

Thermometer

myhealthConnect
Patient
Center

myhealthConnect
Monitoring
Center

myhealthConnect
Device
Center

myhealthConnect
Device
Gateway

How does it work?

Jane is a patient with a chronic condition who regularly visits her healthcare professional for check-ups.

Struggling to maintain clinic appointments, the healthcare professional selects Jane as suitable for telemonitoring.

Jane receives information and instructions about telemonitoring and the home measurement equipment during a routine check-up.

myhealthConnect receives the anonymised measurement data in near real time, identifies the patient linked to the hub from which the data was sent and translates the data into the right format to allow the healthcare professional's information system to receive and process the data.

At home, Jane plugs in the hub to a power socket and then conducts her first measurement, as agreed with her healthcare professional. The blue light on the hub blinks three times to let Jane know the measurement data has been successfully transmitted.

The healthcare professional can review the incoming data at any time via their own information system or via myhealthConnect.

Jane continues to conduct regular measurements, as agreed with her healthcare professional. If she wants to review her own measurement data, she can log in to myhealthConnect. At her healthcare professional's request, Jane is invited to complete a survey of how she is feeling at different times of the day.

The healthcare professional continues to monitor Jane's measurement data and the surveys she completes. If there are any notable changes in the data, the healthcare professional can pro-actively intervene prior to the condition worsening which may otherwise require Jane to be admitted into hospital for urgent treatment.

Jane gets the healthcare support she needs remotely, which improves her wellbeing and her confidence regarding her condition. By acting in a pro-active and timely manner, her healthcare professional can reduce the risk of Jane's hospitalisation and Jane no longer has multiple visits to see her healthcare professional for routine check-ups.

myhealthConnect module overview

Module	Functionality	Standard	Optional
myhealthConnect Gateway	Receiving and processing measurements from medical home measurement equipment (e.g. oximeter, blood pressure monitor, scale, thermometer, activity tracker, glucosemeter en een spirometer)	✓	
	Translating measurement data into the required format for successful information exchange	✓	
	Reliable delivery of measurement data to the healthcare professional's system	✓	
	The message formats supported include:		
	HL7v2 for delivery to an on-premise system		✓
	FHIR for delivery via the internet to web- or cloud-based systems		✓
	XDS (as HL7 CDA document for delivery to an XDS environment)		✓
myhealthConnect Device Center	Registering and managing patients in the Device Center	✓	
	Allowing patients to take part in the telemonitoring programme by linking and unlinking patients to home measurement equipment	✓	
	Setting up individual reference values for the various measurement types	✓	
myhealthConnect Patient Center	Allowing patients to review their own measurement data		✓
	Enabling patients to complete surveys to gather subjective information		✓
	Reliable delivery of subjective information to the healthcare professional's information system		✓
myhealthConnect Monitoring Center	Allowing the healthcare professional to monitor patients via myhealthConnect's proprietary web application		✓

The advantages

Remote healthcare

With myhealthConnect, a patient can conduct (vital) measurements at a place convenient to them, thereby reducing the number of traditional routine. appointments, increasing health care capacity and enabling a pro-active way of working.

Enabling pro-active monitoring

Increasing the frequency of vital sign measurements increases the ability to identify deterioration and take pro-active intervention thereby reducing unplanned hospitalisation.

Real-time delivery to any system

Supporting HL7, FHIR and XDS standards ensures that virtually all information systems can receive the measurement data near real-time.

Sharing measurement data

Measurement data can be shared with other healthcare professionals easily and securely via an XDS environment or other capable information sharing application.

Comprehensive solution

The system supports the measurement of vital data for a large number of patient categories including elderly with chronic conditions and patients with obesity, heart disease, hypertension, COPD and asthma.

Secure processing of medical data

The measurement equipment is CE certified. Enovation has ISO 9001, ISO 27001, ISO 27799 and NEN 7510 certifications and acts in accordance with the latest standards pertaining to data security in the healthcare sector.

More information

Would you like to know more about the benefits of myhealthConnect for your organisation? Contact us for a demonstration or read about the possibilities at www.enovationgroup.com/en/myhealthconnect

enovation®
care to connect

Enovation has been the party for communication in healthcare for over 35 years now. The company makes it possible to exchange information within and between healthcare institutions and between healthcare institutions and patients. Enovation uses its own innovative SaaS solutions, supplemented with solutions from partners. The solutions are based on (international) standards and can be seamlessly integrated into existing processes and information systems of healthcare institutions.

Thorncroft Manor
Leatherhead, Surrey, KT22 8JB
United Kingdom

info.uk@enovationgroup.com
+44 (0)13 72 70 07 90
www.enovationgroup.com/en