How Medisanté delivers seamless device interoperability with virtual care platforms

- Enabling hospital@home with medical IoT via M+hub
- Self-measurement using cellular medical devices

Device Human Interoperability

Care System 1°,2°, 3°…

Wearables & Devices

Open Standards

Interoperability fails when

- Patient, carers and HCPs cannot manage technology
- Patients cannot afford technology (wearables, WiFi)
- Systems cannot ‘speak’ to each other
- Security or privacy is compromised

A Working Solution

Reduction of complexity at source

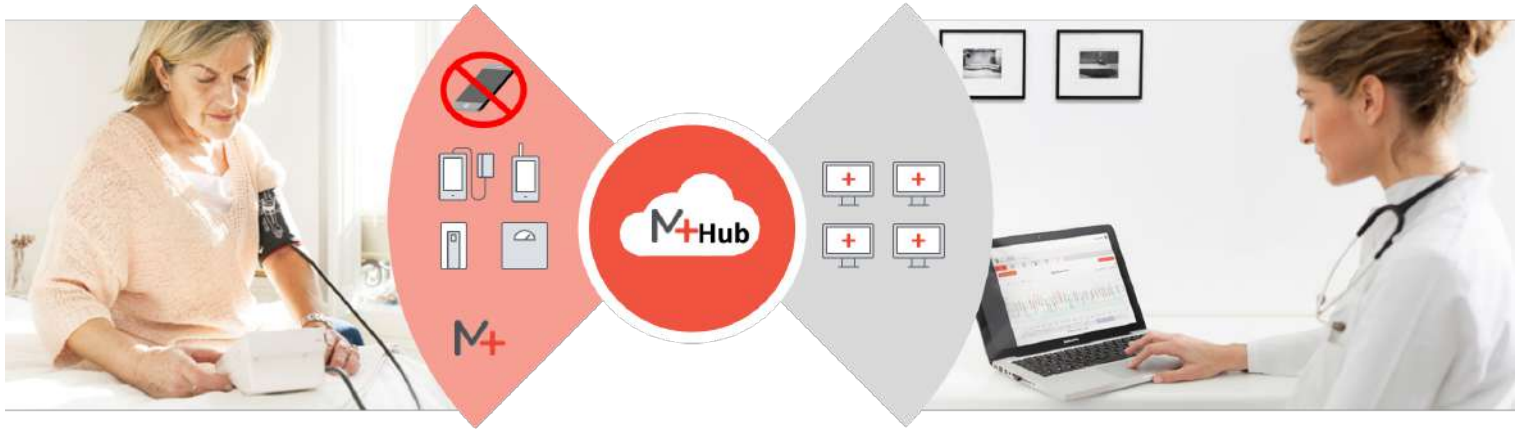
Remove requirement for patients/carers to manage technology (smartphone, Bluetooth, Wi-Fi, passwords, logins) to self-measure

Manage source data using open standards

Choice given to HCP to manage source data format for device fleets or individual devices to multiple systems using multiple formats

Utilise proven and legacy medical devices

M+ focus is chronic disease devices but in theory any medical device can be ‘upgraded’ to cellular



Bonus Benefits

1 Cyber security improved

- Remove a layer of technology vulnerable to cyber attack

2 Source data can be managed and shared by HCPs

- Enable source data sharing from source using standard formats i.e. 1° to 2° to public health research

3 Privacy enhanced

- Patient sensitive data managed entirely inside clinical systems

4 Open API enables blind oversight of device fleets

- Non-clinical staff can monitor large device fleets without Pii

Many thanks

Enabling the Hospital at Home with Global Medical IoT

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Lexicon

- hospital@home, patient@home (virtual care), HCP
  - Patient is monitored/treated outside clinical care facility (hospital, clinic) using remote devices to asses vital signs and key biomarkers that transmit data into clinical systems managed by Healthcare Professional (HCPs)
- Source data without Pii
  - Self-measurement and device status data from cellular devices without patient sensitive data such as Patient Identifiable Information (Pii)
- M+hub
  - M+hub is the device cloud platform developed by Medisanté that enables any IoT medical device to be managed remotely with military grade security.