

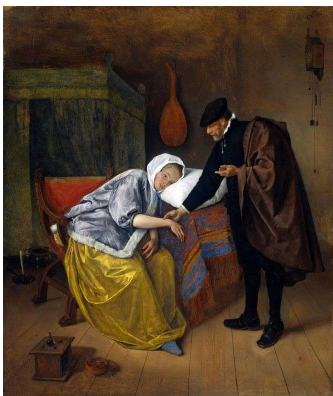
# Il ruolo delle tecnologie per i servizi nel territorio e a domicilio

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**Siemens Healthineers Strategic Sales Expert**

## Territorio e tecnologie: evoluzione nel tempo

1500



CURE A  
DOMICILIO

OSPEDALE PER INDIGENTI



1900

OSPEDALE PER TUTTI =  
COMPETENZE E TECNOLOGIE



2000

HOME CARE E  
OSPEDALE PER CURE ESSENZIALI



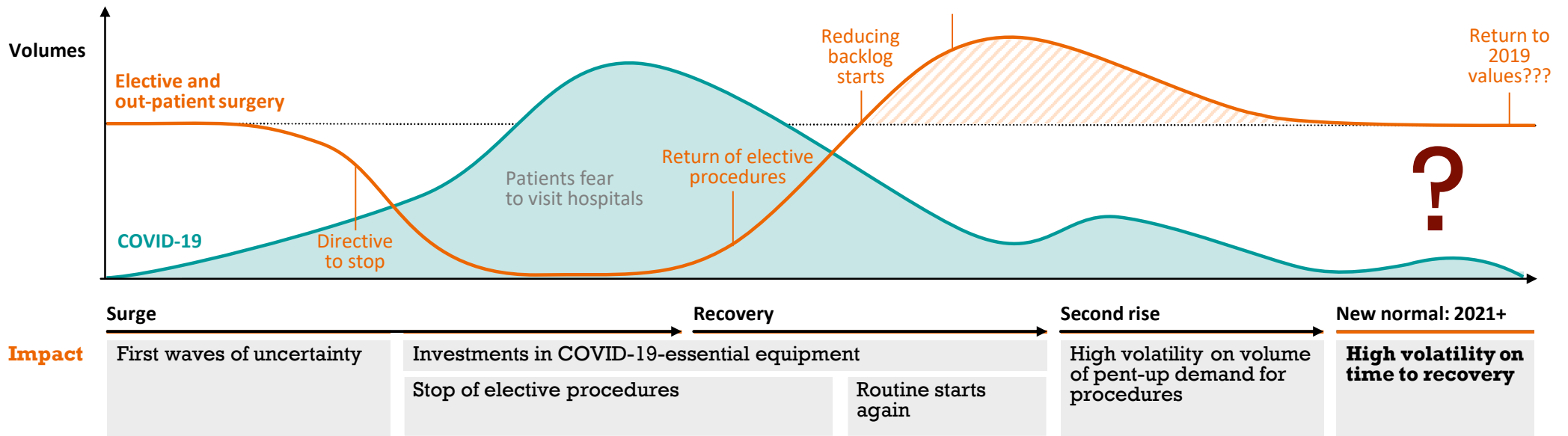
# Impatto della pandemia da COVID-19

**72.3%**

of planned surgeries were cancelled globally during the peak period of COVID-19 related disruption

**>40%**

Decline in outpatient mammography, nuclear medicine, MRI, ultrasound, interventional radiology, and X-Ray



Source: Johns Hopkins University, national public health agencies and UN population data. Internal analysis SHS.

## Connessione tra paziente e team di assistenza per garantire la continuità di cura

### Patients

- Enable **patient self-management** via health and wellness platforms
- Expand **telehealth** and **home monitoring**



### Hospital Physicians

Support caregivers with **remote assistance, physician** and **staff e-learning**



### Primary Care Physicians

Foster **knowledge exchange** via data sharing, patient and physician portals

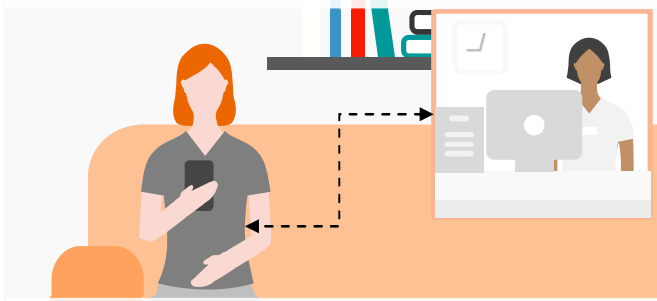


**Secure digital front door**  
Expanded patient access  
(e.g., via e-booking systems)

# Nuove soluzioni tecnologiche che connettono paziente e team di assistenza lungo il percorso di cura

## Virtual Visit

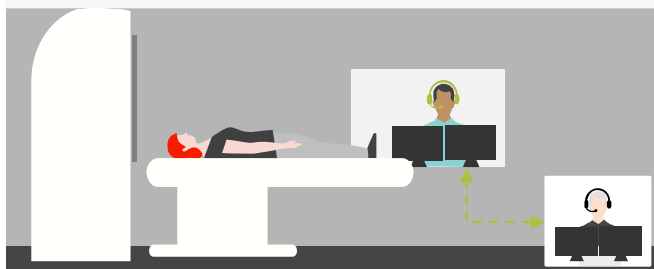
Increase access to care and expand the reach of services



## Triage

## Remote scanning assistance

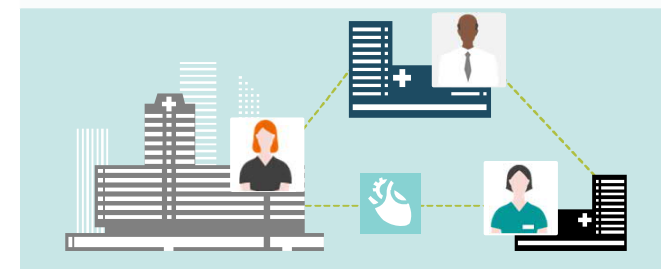
Remote exam acquisition and viewing in real time by a team of experts



## Clinical Operations

## Shared view on clinical results

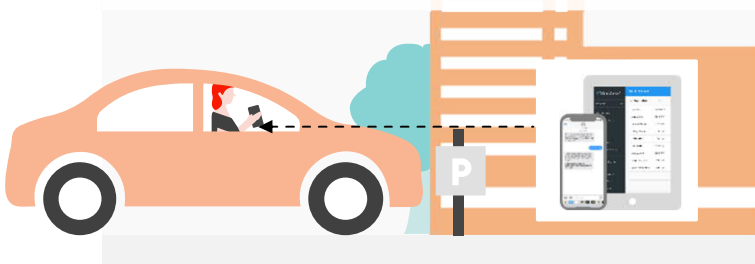
Share medical data among health professionals. Covering inpatients, outpatients and satellite facilities.



## Virtual Care

## Virtual Waiting Room

Meet the need for social distancing and provide more convenience for patients and staff



## Clinician Communication

Simplify staff communication and collaboration while minimizing infection risk



## Patient Monitoring

Remote patient supervision to identify symptoms, detect complications and monitor progress.

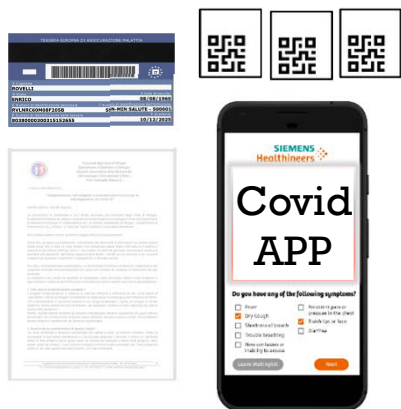


  
Dipartimento  
Prevenzione

LISTE DI  
LAVORO

1

Attivazione  
Scarico la lista



2

Identifico il paziente  
Associo etichetta  
Raccolgo il consenso

1

T<sub>Preparazione</sub>  
(> 1')



3

Prelievo

2

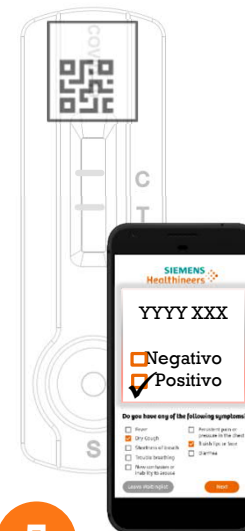
T<sub>Reazione</sub>  
(15-20')



4

Esame

3

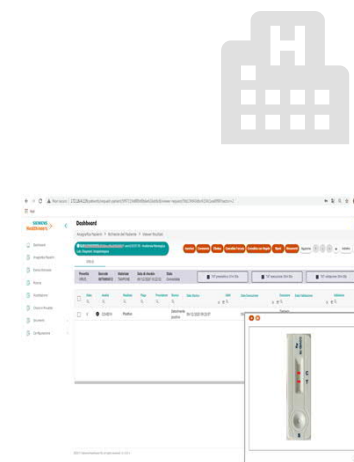


5

Risultato

6

Validazione  
Referto



# Teleassistenza domiciliare per pazienti con scompenso cardiaco

## Value Partnerships



### Heart and Diabetes Center North Rhine-Westphalia, (HDZ NRW), Bad Oeynhausen, Germany

With 35,000 patients per year, including 14,000 in-patients, HDZ NRW is one of Europe's leading specialist hospitals, and its largest center for heart transplants.

## Challenge

### Increase patient satisfaction

Improve care for heart failure patients and reduce hospital stays

### Enhance patient outcomes

Provide continuous remote care to significantly slow the progress of disease

### Leverage digitalization

Enable patients to manage their own disease via an app for a better quality of life

## Solution

- The telemedical care program "HerzConnect" - as part of a technology partnership - is aimed at health insurance companies that want to offer improved care for patients with chronic heart failure
- The contract includes all technical components e.g. mobile measuring devices, like mobile ECG, blood pressure meter, and scales, as well as a specifically developed app and software
- Mobile measuring devices record selected vital signs and parameters around the clock and provide automated feedback to patients, as well as needs-based contact from the medical specialists at HDZ NRW

## Value contribution



### 1 Partner

who is responsible for the entire technical component, including logistical aspects



Improve care for heart failure patients and reduce unplanned hospital stays



Engaged patients, faster response times, and care in accordance with guidelines

The results and statements by Siemens Healthineers customers described herein were achieved in the customer's unique setting. Since there is no "typical" hospital and many variables exist (e.g. hospital size, case mix, level of IT adoption) there can be no guarantee that other customers will achieve the same results.

# Teleassistenza domiciliare per pazienti con scompenso cardiaco: la soluzione tecnologica

## Patient

Clinically grade medical devices to capture vital signs of patient<sup>1</sup>



Intuitive Smartphone app to improve patient experience, engagement

## Provider

Patient Dashboard displays disease specific patient data (vitalsigns, medication, feedback)



Plan and document patient communication

Intelligent workflow tools helping staff to prioritize and orchestrate workload

1 – not part of teamply myCare Companion offering



## Key take aways

### PILASTRI DA PREVEDERE

Aspetti normativi

Aspetti di finanziamento e tariffari

**Aspetti organizzativi e di processo**

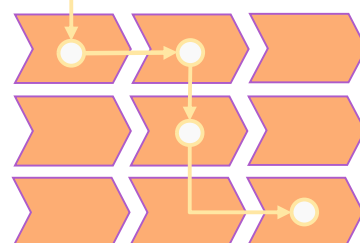
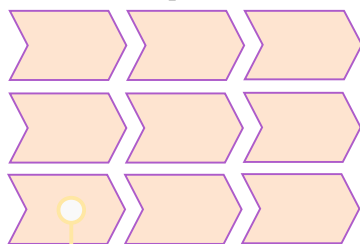
**Aspetti formativi e di sviluppo di competenze**

Aspetti informativi ed informatici

Aspetti di monitoraggio ed epidemiologici

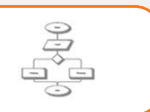
#### Ricostruzione dei percorsi di integrazione ospedale territorio

##### Processi Ospedale

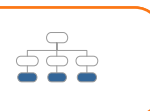


##### Processi Territorio

#### ATTIVITÀ



#### ATTORI



#### INFORMAZIONI



#### SISTEMI INFORMATICI E BASI DATI



**PARTNER  
TECNOLOGICO  
COMPETENTE E  
AFFIDABILE**