



AppFILO

Il tuo cardiologo in tasca!

*Dott. Matteo Bianco
matteo.bianco87@gmail.com*

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Smartphone
based

Data
storage

User-friendly

Costo-efficace

Servizio
per la
prevenzione
secondaria
delle
malattie
cardiovascolari

Comunicazione diretta
paziente/medico

Dr Matteo Bianco

Cardiologo

Borsista presso la divisione di
Cardiologia l'A.O.U San Luigi
Gonzaga di Orbassano

Politecnico di Torino

Prof. Monica Visintin

DET - Dipartimento di
Elettronica e
Telecomunicazioni



Dr Fabrizio D'Ascenzo

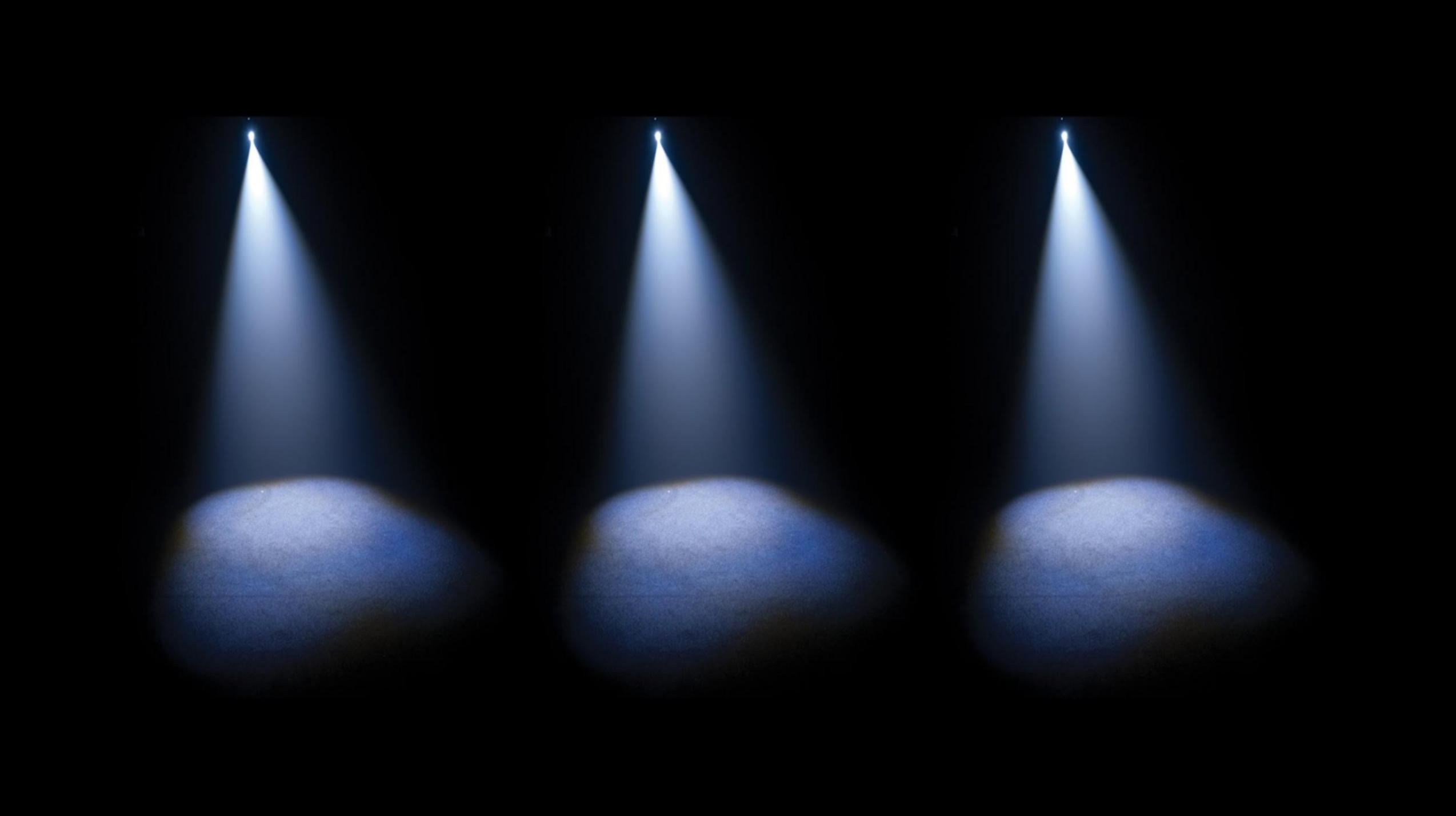
Cardiologo - Ricercatore
Universitario

Emodinamista presso la divisione
di Cardiologia della Città della
Salute - Molinette

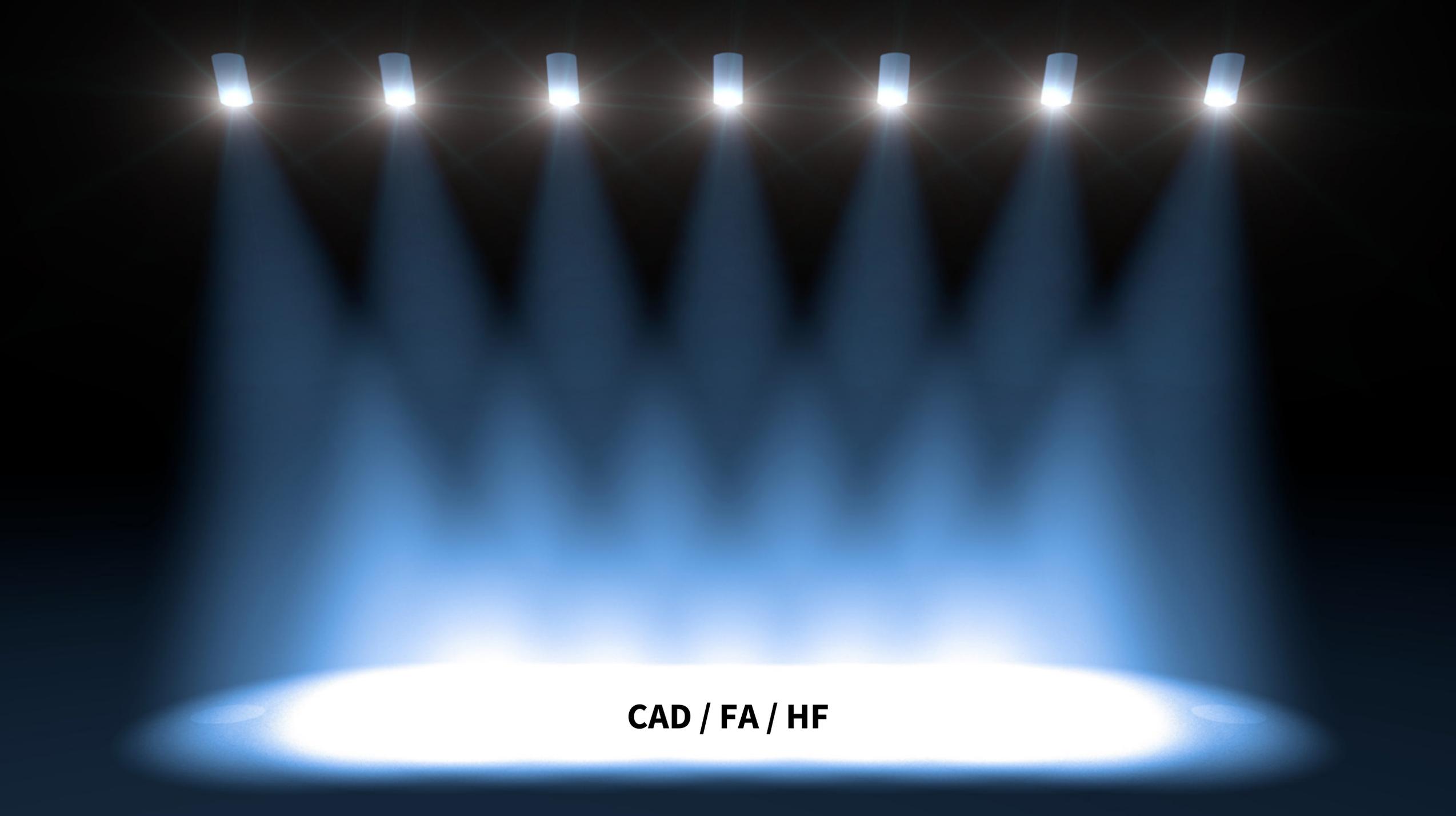
Abinsula

Ing Paolo Doz
Ing Sara Prete

Azienda informatica





A stage with eight spotlights illuminating a central area where the text "CAD / FA / HF" is displayed.

CAD / FA / HF

A high-angle, wide shot of a massive, dense crowd of people, likely at a festival or public event. The crowd is composed of individuals of various ages and ethnicities, filling the entire frame. In the center, a bright red rectangular box contains the text "La dimensione del problema" in white, sans-serif font. The text is split into two lines: "La dimensione del" on the top line and "problema" on the bottom line. The background shows a vast expanse of people, with some individuals in the foreground more clearly visible than others further back, creating a sense of scale and density.

La dimensione del
problema

Principali cause di morte



Figure 1.1a Deaths by cause, males, latest available year, Europe

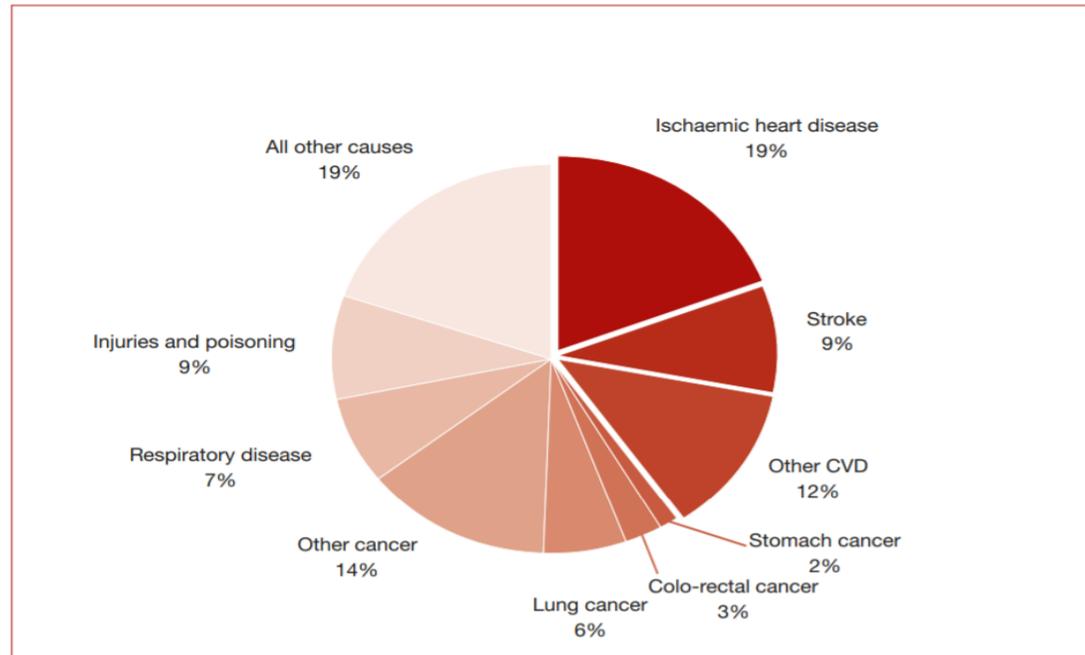
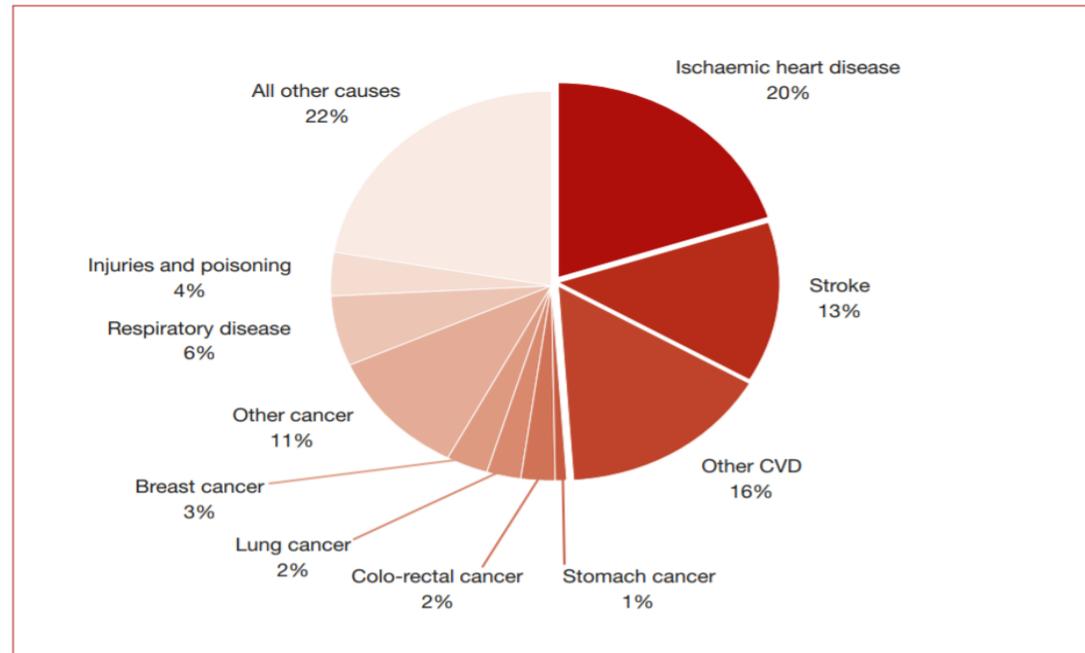
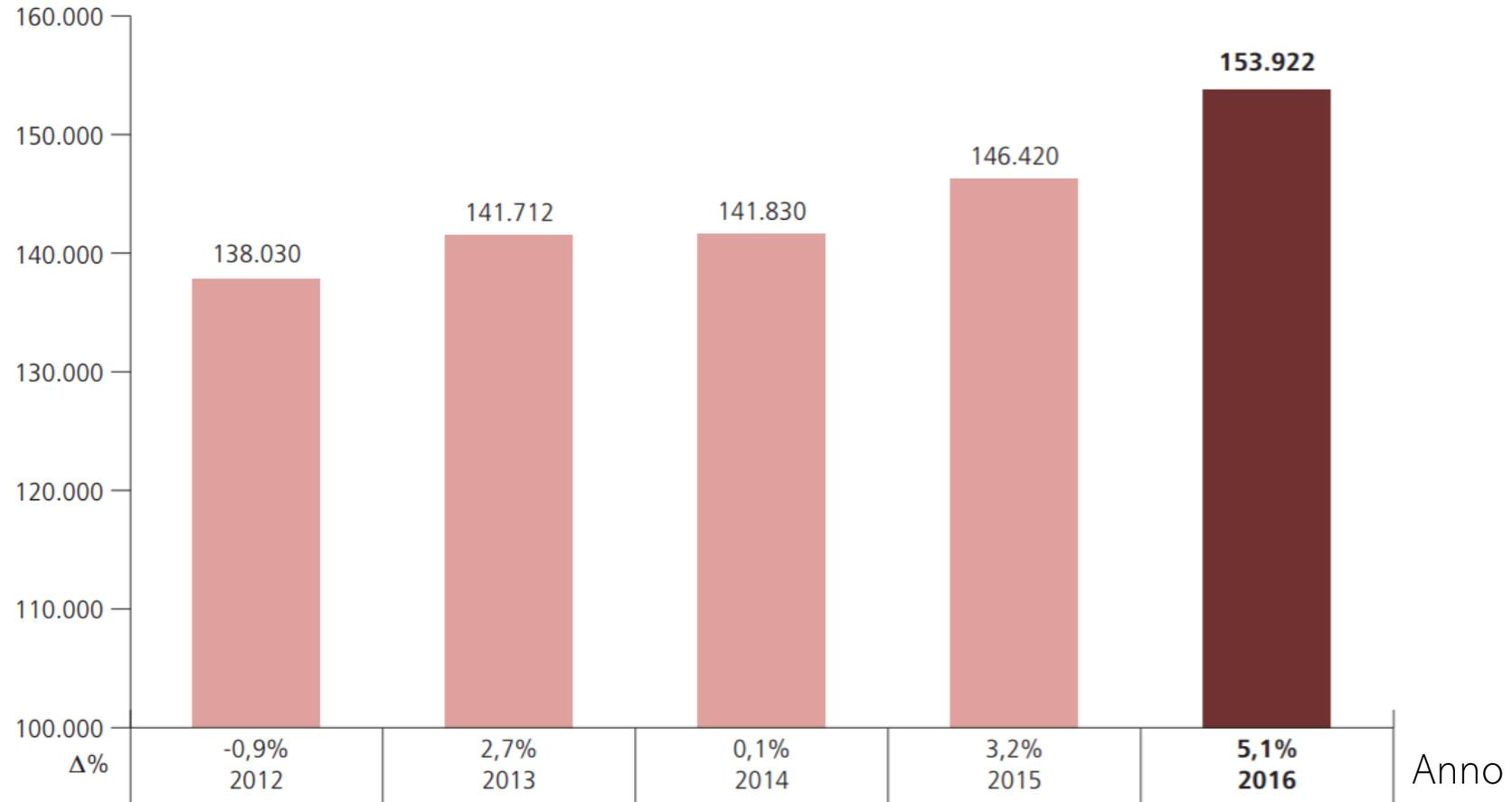


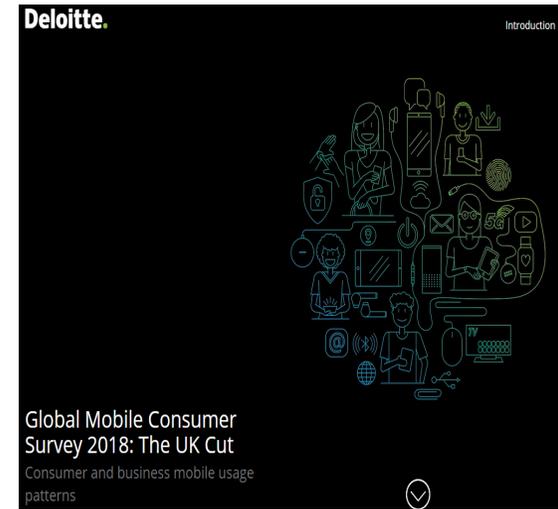
Figure 1.1b Deaths by cause, females, latest available year, Europe



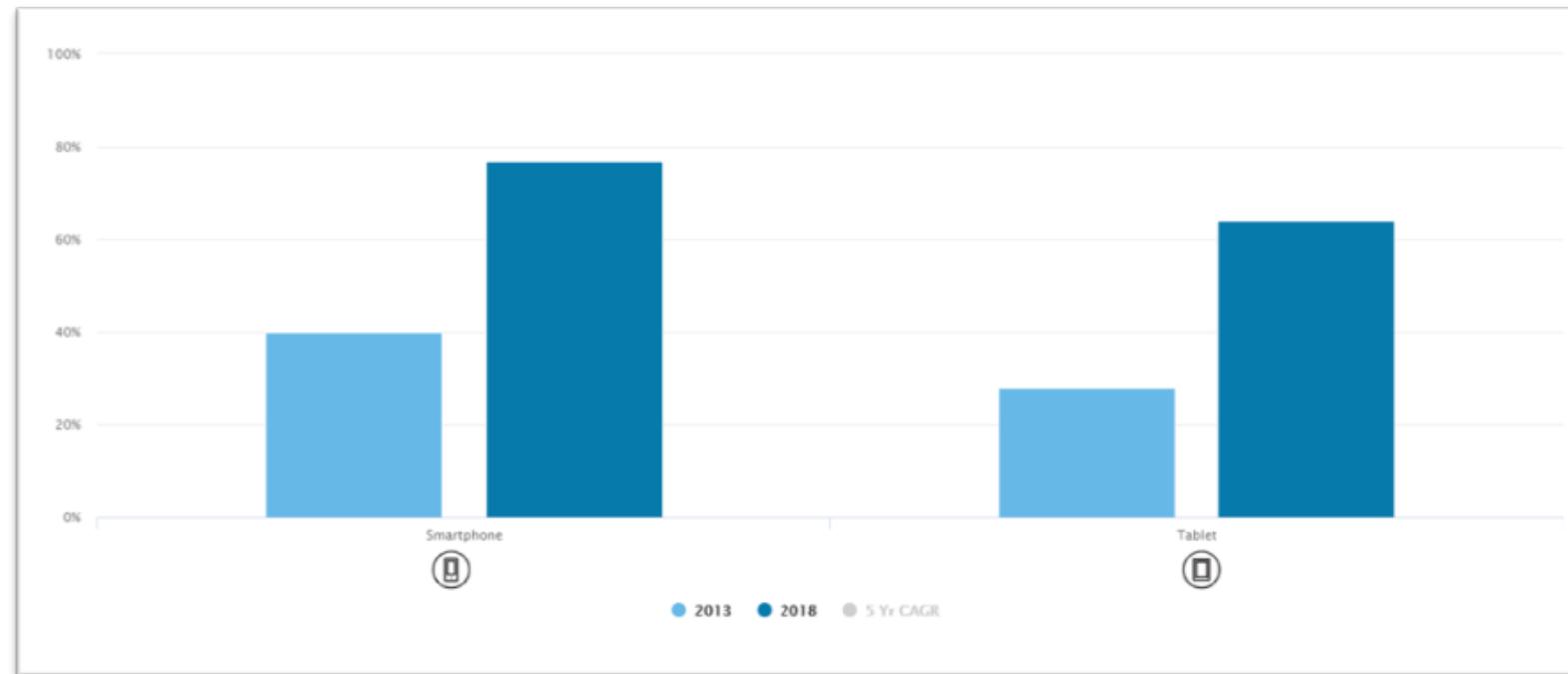
Numero
di PCI
eseguite



Smartphone penetration by age groups (2012-2018)



Smartphone and tablet penetration among 55-75 year olds (2013 vs 2018)

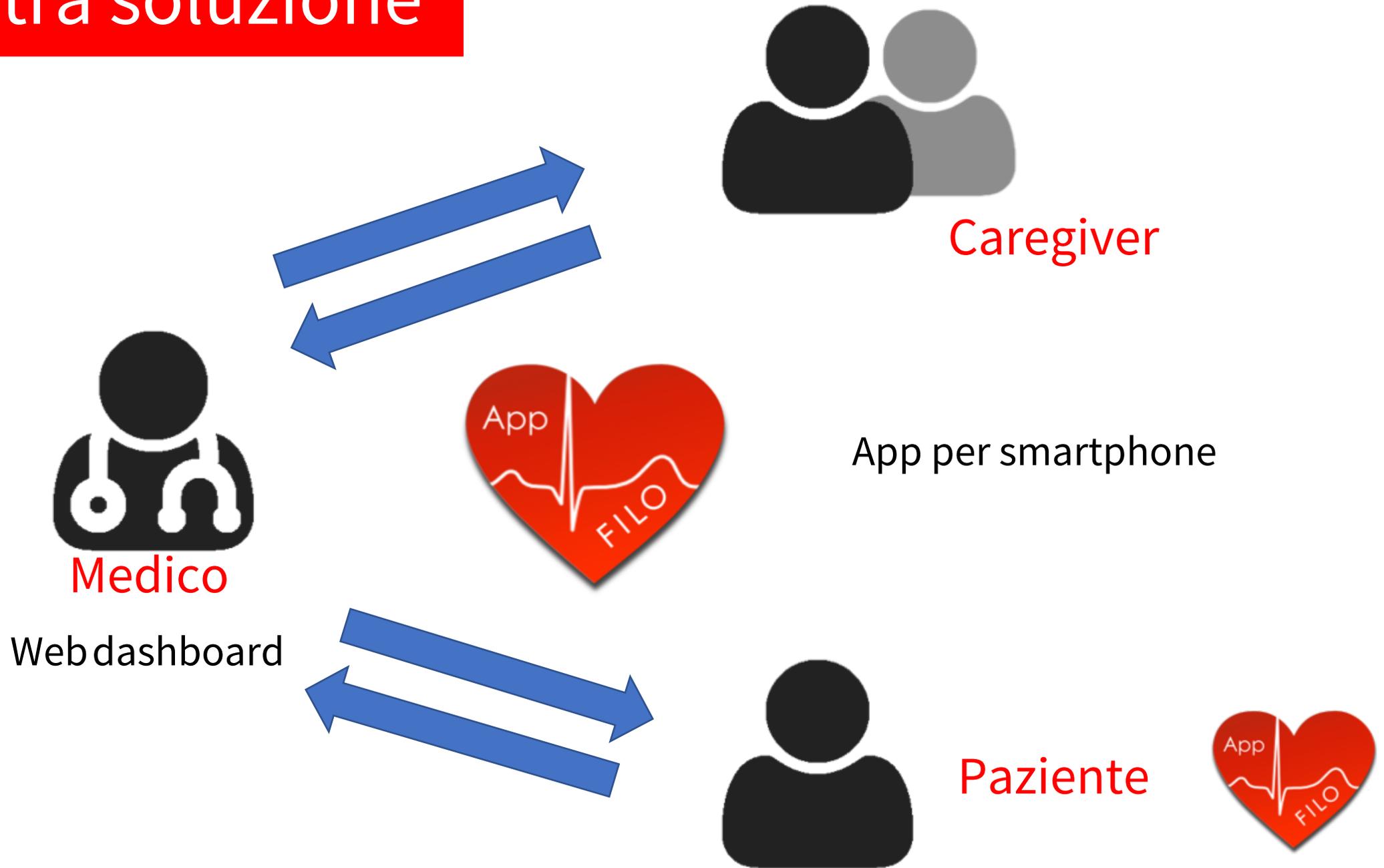


Costi

- **2000 € per un giorno di degenza** in unità coronarica
- **500/2000 € per uno stent** coronarico
- **1,6 % annuo di riduzione della spesa sanitaria** europea dal 2008 ad oggi (OCSE)



La nostra soluzione



La Web Dashboard – L'uso da parte del medico

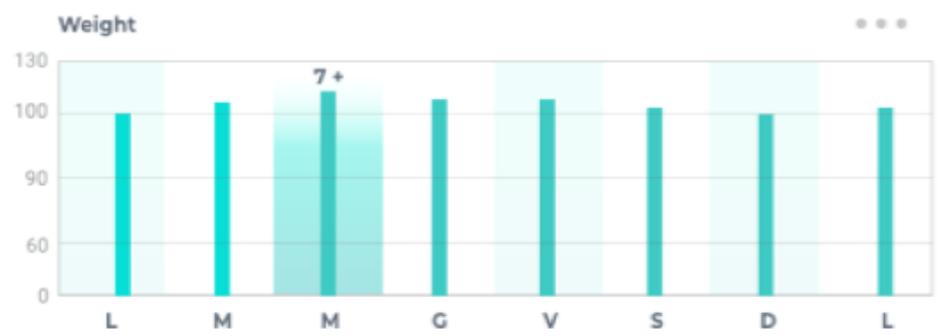
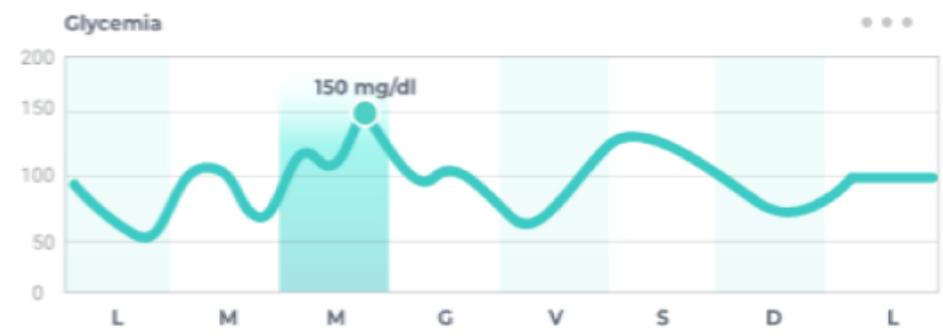
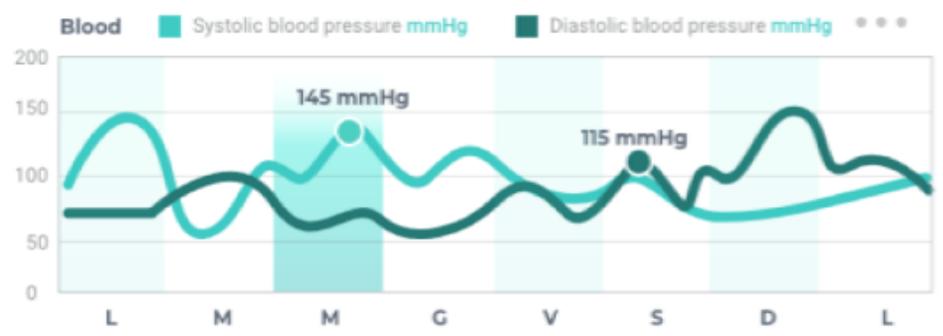
Patients/ID3213DD948 / Overview

[Back to patient list](#)

NUMERICAL DATA

View data from  To  Data available from  To 

[Set](#)



La Web Dashboard – L'uso da parte del medico

Exit

Save Therapy



ID: 3213DD948
36 Age - Woman
Patient to 12/01/2017

Description
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. [More](#)

+ Enter Drug

Enter anti-platelet therapy ▾

+ Enter anticoagulant therapy

Days of therapy

- Every day
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday

Timetable

- Time 
- Time 
- Time 
- Time 

- After meals
- Empty stomach
- Indifferent

L'uso da parte del paziente

filo ID: LURNSD032XNX

← RECORD DATA

Weight Blood Pressure Heart Rate

Glycemia Smoked Cigarette Sport

Event Sleep Monitoring

Save

filo ID: LURNSD032XNX

← SLEEP MONITORING

Hours of sleep

Sleep continuously
 Night awakening

Do you feel rested when you wake up?

Yes No
 I don't know

Describe episodes (apnea/sleep disorders)

Save

Vantaggi per il paziente

- Assistenza domiciliare
- Possibilità di contatto “diretto” con il medico
- Empowerment sulla malattia



Vantaggi per i medici

- Tempestività nell'identificazione delle criticità del paziente
- Più informazioni su cui basare le scelte clinico/terapeutiche
- Ottimizzazione delle risorse



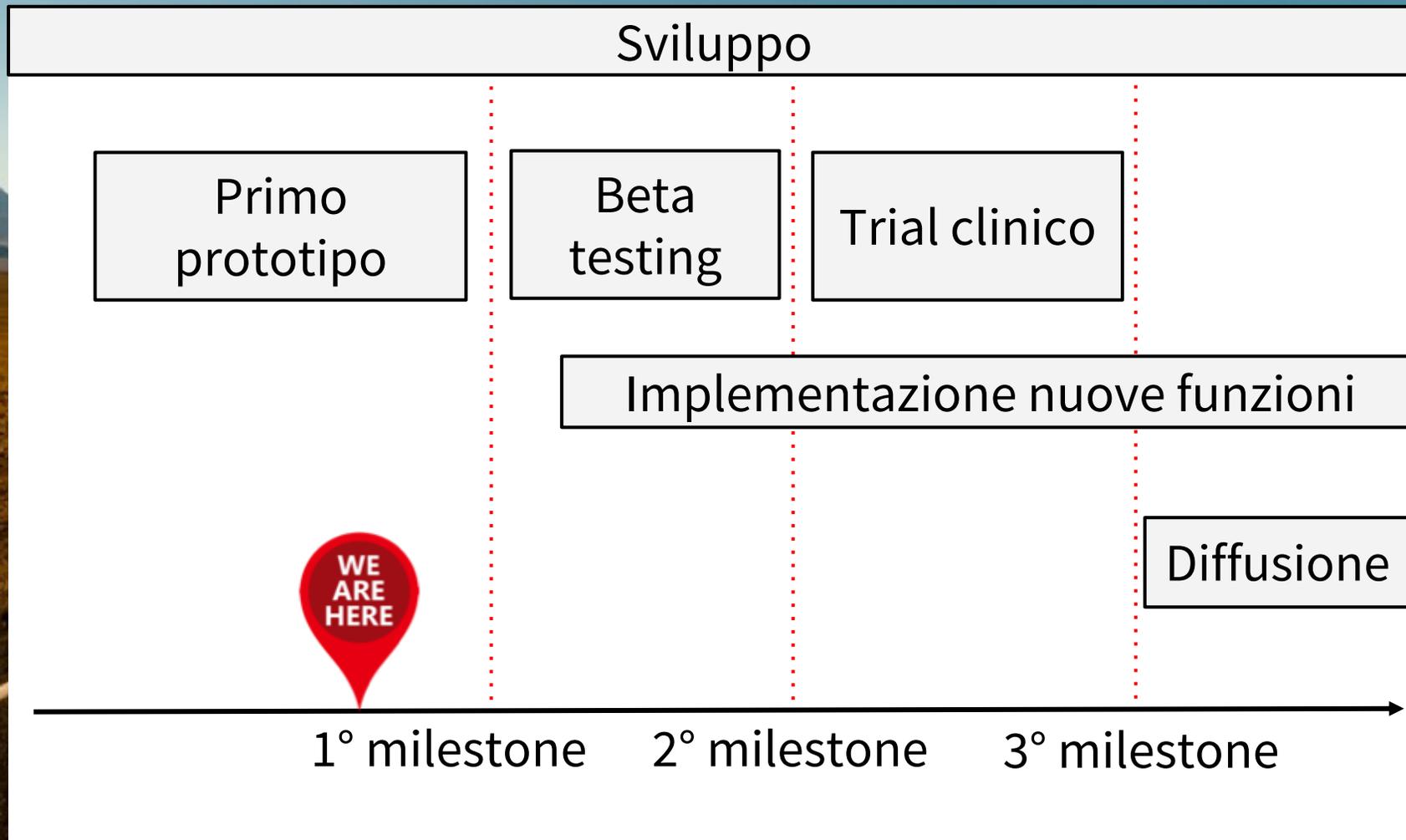
Vantaggi per la ricerca

Valida fonte di dati scientifici su:

- reale aderenza terapeutica
- reale implementazione delle norme comportamentali
- analisi di banche dati di grandi dimensioni → Big Data



Roadmap



Grazie per l'attenzione!

