



The European Coordination Hub for Open Robotics Development

ASSESSTRONIC PROJECT

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Background / motivation

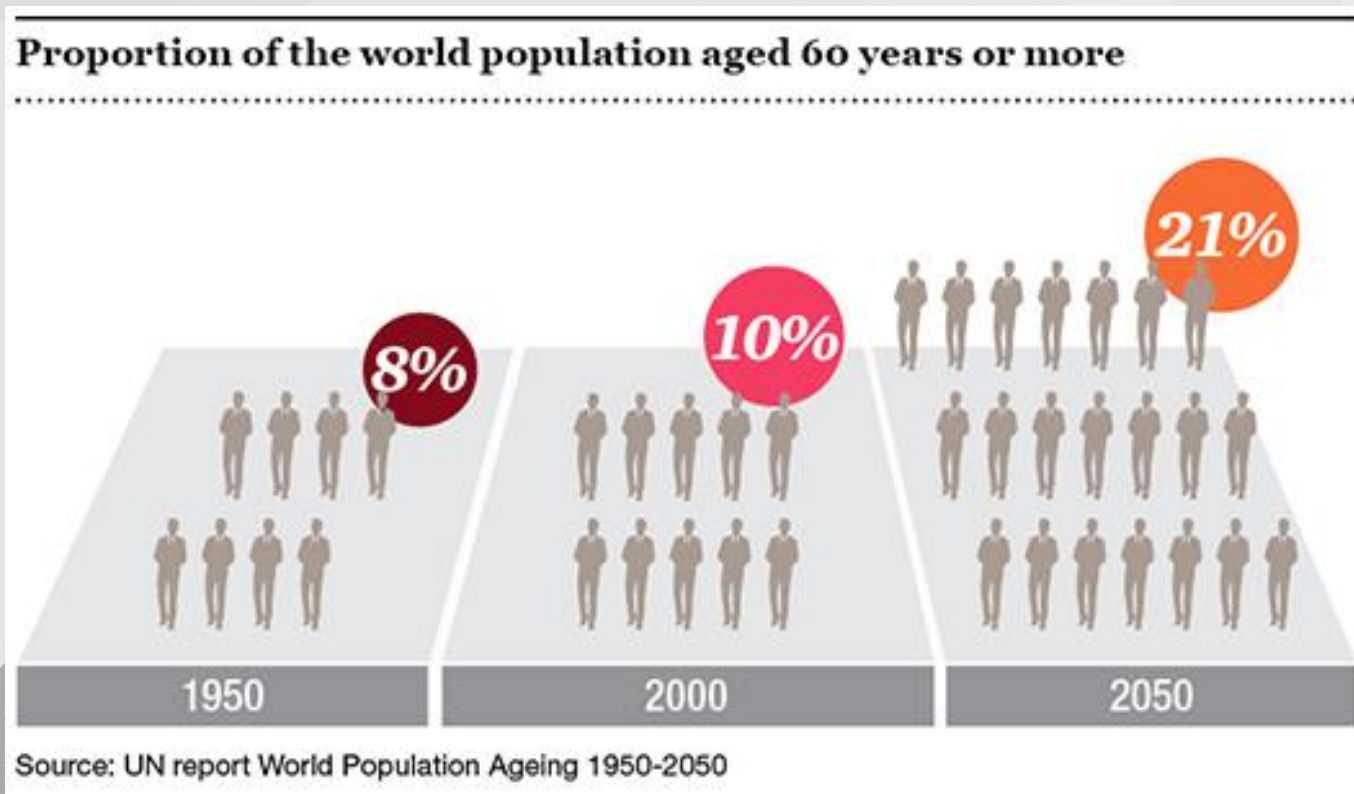
Today a CGA for one patient

- Costs around €200
- Takes around 2.5 hours
- Lack of objectiveness and accuracy



There is a strong need of

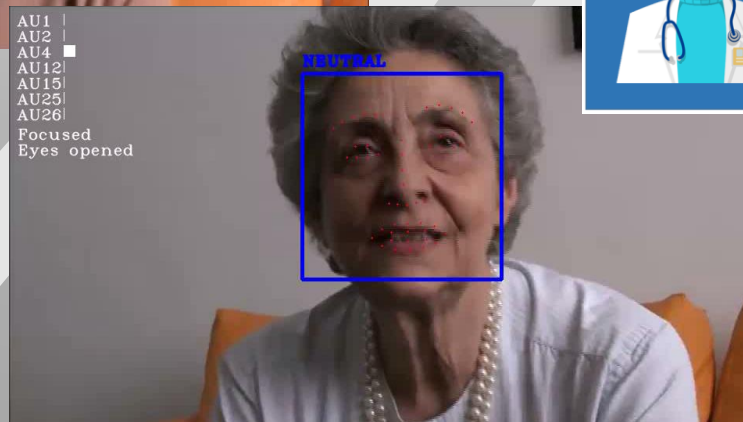
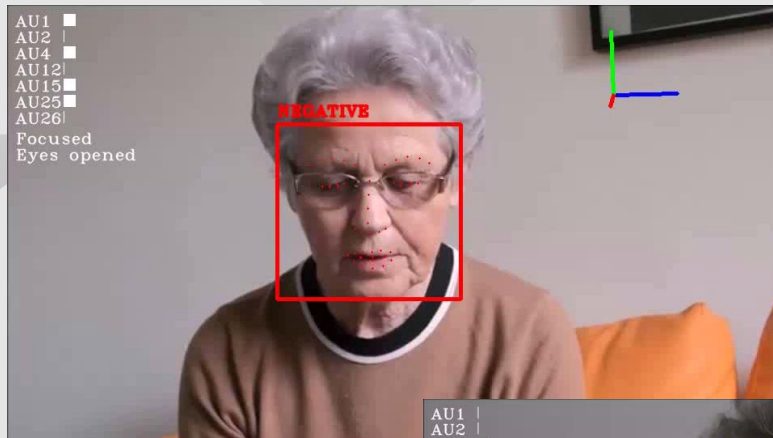
- Reducing the costs
- Optimize the resources
- Ensure objectiveness and accuracy



Technical progress

Questionnaire-based tests

- End-users centered design of the interfaces
- Facial orientation and expression recognition
- Use of virtual agents to improve the interaction



J'arrive à manger... 

☒ Sans aide ☐ Avec une aide partielle ☐ Avec une aide totale

 Cela signifie que vous pouvez vous servir de vos couverts, couper les aliments, porter les aliments et les boissons à la bouche et les avaler, sans aide d'aucune personne.

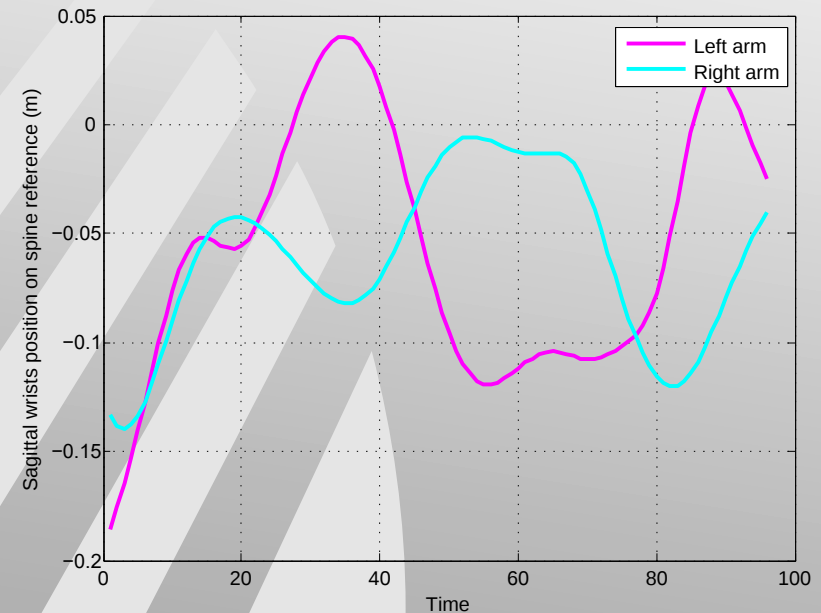
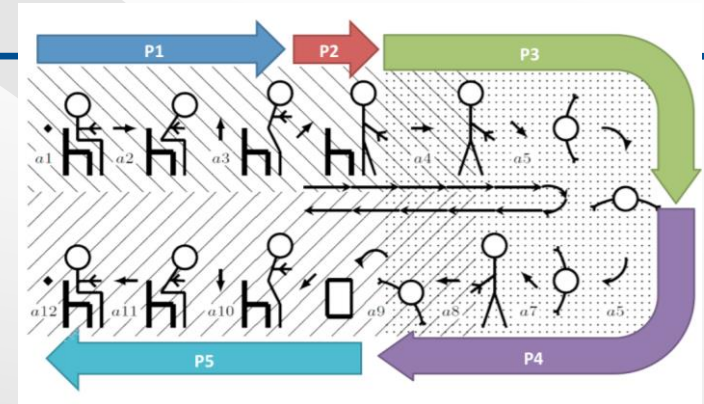
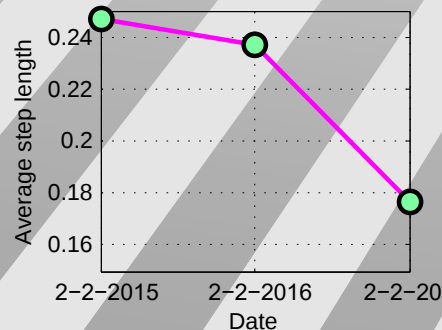
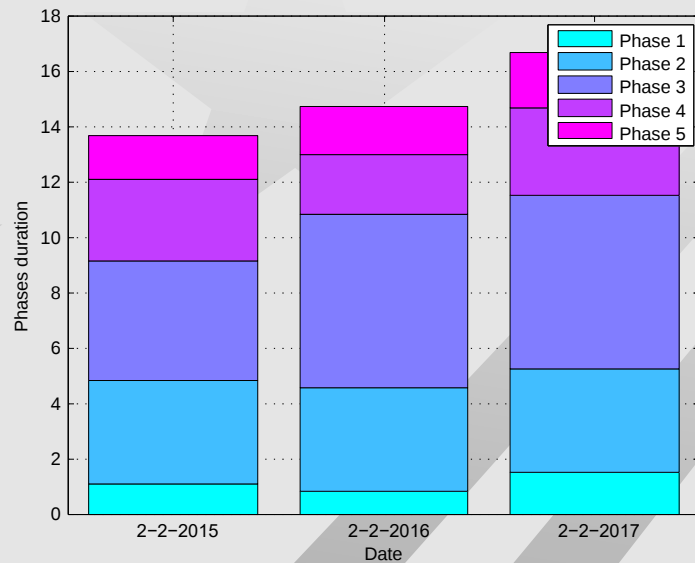
Dites «OUI» ou appuyez sur «question suivante» pour confirmer la réponse. Si non, dites «NON» et choisissez une autre réponse.

QUESTION SUIVANTE

Technical progress

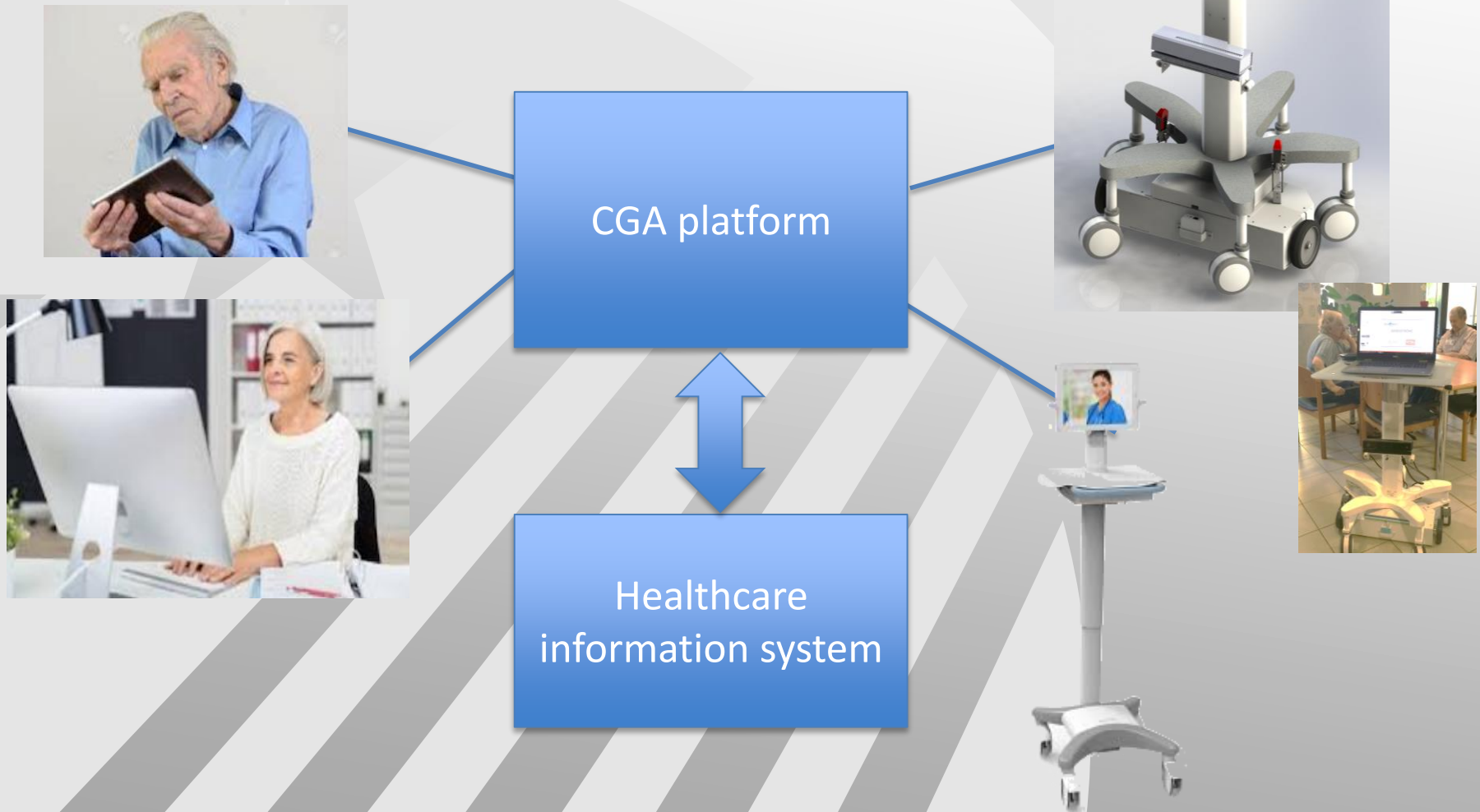
Physical-based tests

- Patients' detection and tracking
- Analysis of spatio-temporal parameters



Demonstrator/ prototype

Modular solution exploiting three individual modules



Impact from participation in ECHORD++

The outcome of the ASSESSTRONIC project will have an impact on the geriatric community

- More efficient way of assessing fragile / dependent persons
- Growing ageing population with less resources
- Objective / quantitative data analysis
- Patients' history monitoring over time
- The product will be modular to address various markets

Thank you!

ACCEL
Efficiency for Healthcare

UPMC
SORBONNE UNIVERSITÉS

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Hôpitaux Universitaires
La Pitié salpêtrière -
Charles Foix

