Digital Innovation Hubs in Healthcare Robotics

Robotic innovation for Healtcare

About DIH - HERO

Independent platform which connects Digital Innovation Hubs across Europe to create a sustainable network

- Supporting small and medium-sized enterprises

- Connecting businesses and healthcare stakeholders

- Supporting development of innovative products and services according to needs of the healthcare systems across Europe

- Engaging in necessary standardization for robotics in healthcare, including ethical, legal and societal issues

www.dih-hero.eu

17
Core partners

11
countries

16
DIH´s

Current work and activities

- Collecting Information's on standards, reimbursement, best practices and deployment

- Sharing knowledge at website, webinars and DIH-HERO Knowledge Conference

- Development of a Knowledge Database

Financial Support to Third Parties (FSTP)

- Aim:
  - accelerate innovation in robotics for healthcare and facilitate collaboration on various innovations across Europe
- 6 calls have been executed 65 projects
- Each projects gets support from an Innovation coach

DIH-HERO Calls

- Covid19 Emergency Call
- Technology Demonstrator Open Call 2019
- Technology Transfer Experiment Open Call 2020
- Technology Demonstrator Open Calls 2021
- Technology Demonstrator Open Calls 2022
- COVID-19 Response and Deployment Call

Innovation funded by DIH - HERO COVID19 Call – Stery

- meant to support healthcare professionals in the fight against COVID-19

- 10 project have been grated with up to 100.000 €
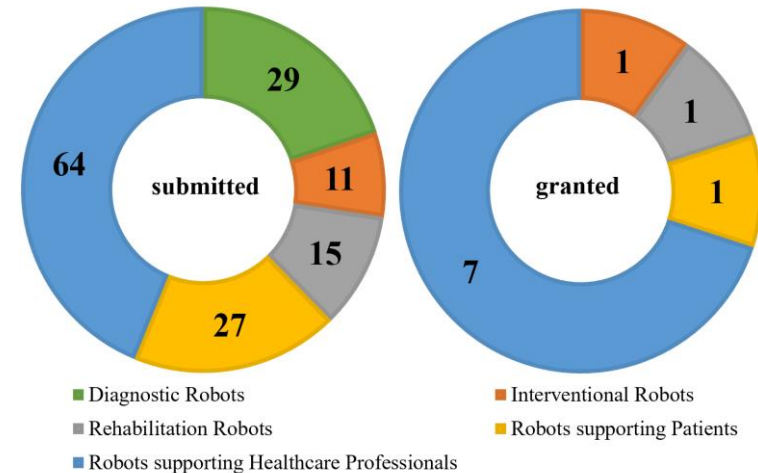
- each project got support by an innovation coach

- Diagnostic Robots
- Interventional Robots
- Rehabilitation Robots
- Robots supporting Patients
- Robots supporting Healthcare Professionals

FIG. Overview of healthcare robotics application areas within DIH-HERO call for funding in healthcare robotics fighting COVID-19

COVID19 Call – Stery

- Company: MetraLabs

- Project:
    - Developing autonomous disinfection robot
    - Testing in a healthcare facility

- Duration: 12 weeks

- Outcome:
    - Workgoup - Standardisation and best practices for UVC disinfection robots in clinical settings on standards
    - final product – was implemented at Decathlon

Innovation funded by DIH - HERO Technology Transfer Experiment

- aimed to boost the transfer of innovative technology from outside the robotics and healthcare domains, to solve unanswered clinical questions

- 10 project have been grated with up to 200.000 €
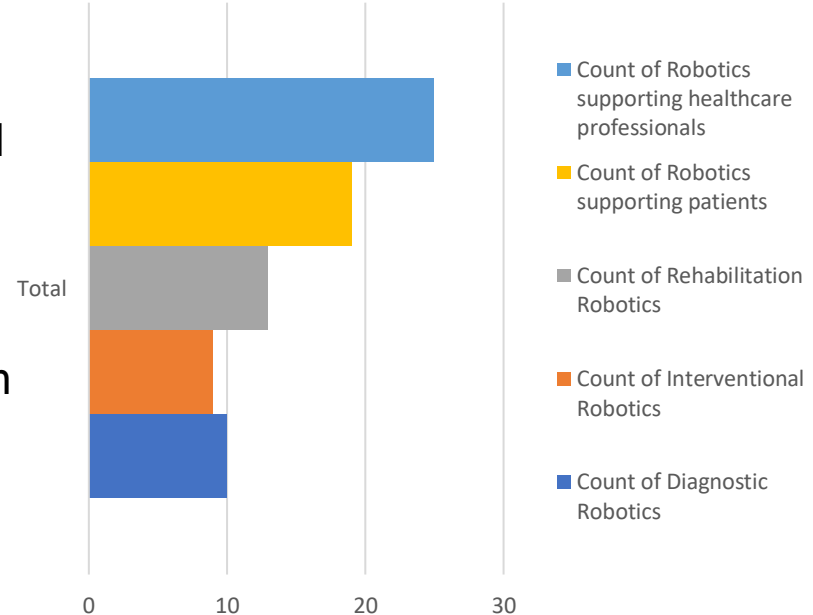
- each project got support by an innovation coach

FIG. Overview of healthcare robotics applicatiocalln areas within DIH-HERO Technology Transfer Experiment

Technology Transfer Experiment - ROPCA

- Company:Ropca

- Project:
  - Developing and testing of the robotics system that use ultrasound to detect signs of early rheumatoid arthritis at both hands and wrists

- Duration: 12 month

- Outcome:
  - Final product - Arthur
  - Winner of the KUKA Innovation award 2022

Upcoming Event

dih-hero.eu

2nd DIH-HERO Knowledge Conference

25th April 2023 in Barcelona

If you have further questions, please do not hesitate to contact us!

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