

ErgoDesign
*Improving digital skills for
Ergonomics and Bioengineering
Innovations for inclusive Health
Care*

Starting date
01.09.2022

Duration:
36 months

Contact us:
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Project website:
**www.
ergodesigner.eu**



**Co-funded by the
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About Project

Contact us:

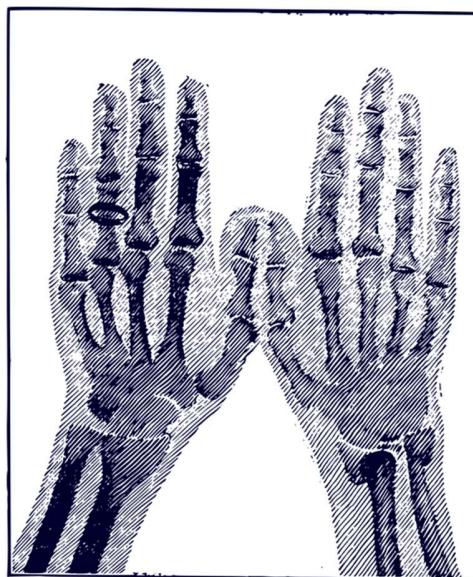
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We've launched! We made it in December 2021. We started from creating the Dissemination Plan, template and other documents necessary for the implementation of the project. In addition, we managed to meet online so that all partners could introduce themselves and show the scope of their skills.

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We are on:



All hands on deck!!!

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Project Context



Every day, the whole world learns how important it is to protect health and what happens when other values replace the priority of protecting human life. The entire world experienced how important health care is and what happens when other values replace the priority of safeguarding human lives. It became clear that Health Care must be inclusive, thus allowing everyone to be able to access medical cures, both in times of emergency or in the phase of prevention:

- *provide those health services needed by persons with special needs specifically because of their needs, including early identification and intervention as appropriate, and services designed to minimize and prevent further disorders*
- *require health professionals to provide care of the same quality to persons with special needs as to others.*



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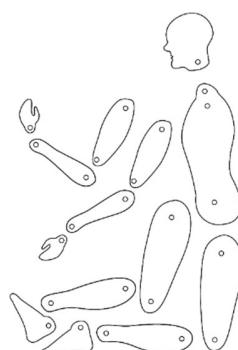
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The general objective of the project is to support the introduction of ergonomic and bioengineering innovations in implantology and prosthetics by adopting new digital applications and training in their use.

The specific objectives are:

- to increase the students' knowledge in the field of ergonomics and bio-engineering and their digital skills for designing and producing related 3D printed medical products (dental and orthopedic implants, prostheses and exoskeletons, etc.)
- to increase the knowledge necessary for the design of healthcare implants for people with special needs (physical and mental)
- to extend the trainers' knowledge of software/digital tools and their possibilities of use and adaptation for training
- to increase the employability of the students in the medical implants sector
- to create a community of practice around the topics of ergonomics and bioengineering.



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During the project implementation the partners will develop the following results:

PR1 – A Specialized software for design in the Health Care sector dynamic toolkit aimed at presenting several software/digital tools for booting digital competencies of HE lecturers/Academics and students.

PR2 – Course Design Principles and ErgoDesign Curriculum aimed at defining the principles on which to build the multidisciplinary curriculum (topics, learning outcomes, duration, etc.).

PR3 – A Collaborative Platform. aimed at creating a space for discussion and training for stakeholders, hosting the virtual community of practices.

PR4 – ErgoDesign Training Materials, aimed at filling the knowledge and skill gaps of the students, by providing them with theoretical formation and practical exercises.

PR5 – Handbook and e-learning course, aimed at creating resources to ease the replication of the ErgoDesign course by other organizations.



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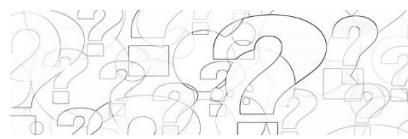
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Are you interested in:

- 3d printing in medicine
- a modern, inclusive approach to health
- design for people with disabilities
- ergonomics of work



If you said



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Our design activities results could be
appealing to you!

See you soon!



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