

DIRENE questionnaire on digital rehabilitation skills

DIRENE (Competences for the new era in user-driven digital rehabilitation) is a transnational collaboration in higher education project, with the aim of make the health care sector more resilient by furthering digital rehabilitation competences of teachers, students and those working with patients.

One of the specific objectives of DIRENE is to collect information skills on digital technologies and map out their suitability for the rehabilitation sector. This also includes answering questions on how important concepts in rehabilitation such as client-centred care can be achieved with digital technologies.

We are kindly asking you for feedback about specific knowledge, attitude and skills concerning user-driven digital rehabilitation.

Thank you for taking the time (approx. 10 minutes) to complete this questionnaire.

The University of the Balearic Islands (UIB) is responsible for processing the data and therefore guarantees your rights of access, rectification, erasure, portability, restriction and to object to the processing of your data, as well as your right to not be subject to decisions based solely on the automated processing thereof. In order to exercise these rights, please contact: the University of the Balearic Islands, Secretaria General; FAO: delegada de protecció de dades; ctra. de Valldemossa, km 7,5; 07122 Palma (Balearic Islands) or you can send an email to dpo@uib.es. You also have the right to claim before the Control Authority. Likewise, the UIB undertakes to respect the confidentiality of your data and use them for the purpose for which the files were created.»

There are 28 questions in this survey.

Sociodemographic data

What is your age?

Please write your answer here:

What is your gender?

Choose one of the following answers
Please choose **only one** of the following:

- Man
- Woman
- Other

What is your country?

Please write your answer here:

Please indicate what is your role when answering this questionnaire

Choose one of the following answers

Please choose **only one** of the following:

- Student
- Teacher
- Healthcare professional
- Patient
- Other

Questions

Below there are some statements regarding different digital competencies. For each statement, we would like you to select the level of competency (from 1 to 5) that represents you at the moment:

1 - I do not have the skills to deal with it

2 - I do not have enough autonomy to do these tasks, but I am able to do them with guidance where needed

3 - I am able to deal with straightforward problems on my own

4 - I am able to solve many different tasks and problems and select the most appropriate solution for me and help guide others

5 - I am able to find solutions, contribute to the professional practice, and propose new ideas and processes to the field

If you select 0 - No answer, that indicates that the statement is not applicable to you or your situation.

1. Searching data:

To articulate information needs, to search for data, information and digital content (e.g. any form of digital information in text, image, video, audio, or

visual stories format).

Please choose **only one** of the following:

- 1
- 2
- 3
- 4
- 5

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2. Filtering data:

To access to digital environments and to navigate between them. To create and update personal search strategies.

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- 2
- 3
- 4
- 5

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3. Evaluating data:

To analyse, compare and critically evaluate the credibility and reliability of sources of data, information and digital content related to rehabilitation.

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- 1
- 2
- 3
- 4
- 5

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4. Managing data:

To organise, store and retrieve data, information and content in digital environments in rehabilitation. To organise and process them in a structured environment.

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- 2
- 3
- 4
- 5

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5. Interacting through digital technologies:

To interact through a variety of digital technologies and to understand appropriate digital communication means for the context of rehabilitation.

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- 1
- 2
- 3
- 4
- 5

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6. Sharing through digital technologies:

To share data, information and digital content with others through appropriate digital technologies.

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- 1
- 2
- 3

- 4
- 5

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**7. Engaging in citizenship/students/patients through digital technologies:
To participate in society through the use of public and private digital
services. To seek opportunities for self-empowerment and for participatory
citizenship through appropriate digital technologies.**

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8. Evaluating citizenship/students/patients' digital competences in digital content:

To assess their ability to communicate in digital environments and/or their digital competence using rehabilitation technologies.

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- 1
- 2
- 3
- 4
- 5

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9. Collaborating through digital technologies:

To use digital tools and technologies for collaborative processes, and for co-construction and co-creation of resources and knowledge.

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- 2
- 3
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10. Adapting communication:

To adapt communication strategies to the specific audience and to be aware of cultural and generational diversity in digital environments. To be aware of behavioural norms and know-how while using digital technologies and interacting in digital environments.

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- 2
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11. Developing digital content:

To create and edit digital content in different formats, to express oneself through digital means.

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- 1
- 2
- 3
- 4
- 5

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12. Integrating and re-elaborating digital content:

To modify, refine, improve and integrate information and content into an existing body of knowledge to create new, original and relevant content and knowledge.

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- 1
- 2
- 3
- 4
- 5

1

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13. Managing ethics, copyright and licences on rehabilitation technologies:

To understand legal and regulatory requirements, ethical standards, and organizational policies and procedure, copyright and licences apply to data, information and rehabilitation technologies.

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- 1
- 2
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- 4
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14. Managing privacy and security concerning the deployment of rehabilitation technologies:

To protect personal data and privacy in rehabilitation technologies. To understand how to use and share personally identifiable information while being able to protect oneself and others from damages. To understand that digital services use a “Privacy policy” to inform how personal data is used.

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- 2
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15. Protecting health:

To be able to avoid health-risks and threats to physical and psychological well-being while using digital technologies. To be able to protect oneself and others from possible dangers in digital environments (e.g. cyber bullying). To be aware of digital technologies for social well-being and social inclusion.

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16. Solving technical problems:

To identify technical problems when operating devices and using digital environments in rehabilitation technologies, and to solve them (from trouble-shooting to solving more complex problems).

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- 2
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17. Identifying needs:

To assess needs and to identify, evaluate, select and use digital tools.

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- 3
- 4

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18. Giving responses:

To give possible technological responses to solve personal needs and adjust and customise digital environments (e.g. accessibility).

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- 1
- 2
- 3
- 4
- 5

1

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19. Being creative in technology:

To use digital tools and technologies to create knowledge and to innovate processes and products in rehabilitation.

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- 2
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20. Identifying competence gaps:

To understand one's own digital competence in rehabilitation technologies needs to be improved or updated. To seek opportunities for self-development and to keep up-to-date with the digital evolution.

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- 2
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21. Supporting others in using digital services:

To be able to support others with their digital competence development in rehabilitation technologies.

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- 2
- 3
- 4
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22. Communicating online:

To have the ability to communicate in digital environments, share resources through online tools, link with others and collaborate through digital tools, interact with and participate in communities and networks, cross-cultural awareness.

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- 1
- 2
- 3
- 4
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23. Delivering clinical care (including remote care):

To understand the scope and practice of a variety of information and communication technologies that support health care in rehabilitation technologies.

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- 2
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24. Educating and training:

To have the ability to use specific platforms within the educational/ clinical environment to develop transferrable skills in rehabilitation technologies.

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- 1
- 2
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- 4

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We kindly thank you for response and for taking the time to complete the questionnaire. Your input is valuable for the development of DIRENE project and future education of healthcare professionals.

25-10-2021 – 12:30

Submit your survey.

Thank you for completing this survey.