CN23 Cancer Nursing: eHealth and digital innovations



Development of Multidisciplinary DigiCanTrain Digital Competence Framework for Cancer Care

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Nurses and other health care professionals (HCPs), need digital competence to provide care in the digital cancer care environment.

Background

Digital technology is an inevitable part of cancer care. Nurses and other health care professionals (HCPs), need digital competence to provide care in a digital care environment. However, many HCPs feel insufficiently trained in the use of digital health interventions. EU4health funded DigiCanTrain (DCT) project with partners from six EU countries (Finland, Estonia, Spain, Ireland, Romania, and Greece) aims to address the skills mismatch by designing a digital skills training programme HCPs in cancer care. As a part of development, the aim was to identify the digital competences of HCPs working in cancer care to guide programme design.

Methods

The development process of the DCT competence framework is based on a synthesis of existing evidence and guidelines, as well as the views of stakeholders.

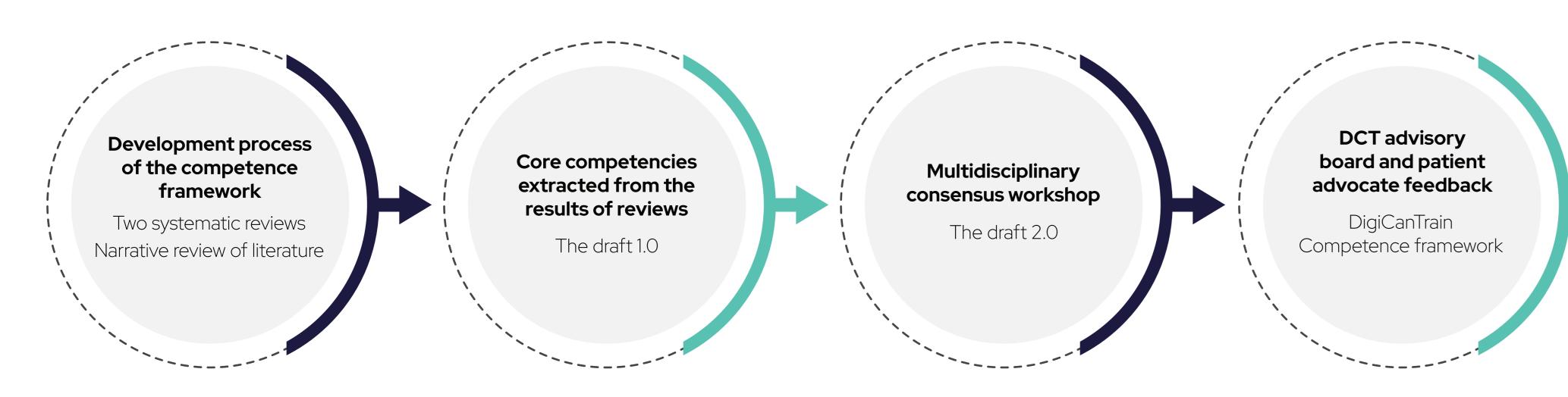


Figure 1. The development process of the DigiCanTrain Competence Framework

Results

DigiCanTrain Digital Competence
Framework consist of a definition
of digital competence and five main
competence domains.

Conclusion

Cancer nurses increasingly communicate and provide care in digital care environments.

Understanding the digital competence needed by HCPs supports development of training and upgrading skills for transition to more effective and person-centred digital cancer care.

in cancer care 3 knowledge items 3 skills items 3 attitudes and values items oports ading skills for transition

Digital

interventions

Safety and ethics

related to digital

interventions and data

management

3 knowledge items

6 skills items

2 attitudes and values items

Digital competence is defined as a combination of knowledge, skills, attitudes, and values in confident, critical, ethical and responsible use of digital health in cancer care to communicate, provide high-quality patient care and caregiver support, manage information, collaborate, create, share and implement evidence-based care in an effective, appropriate and secure manner in all phases of the cancer

care continuum

Communication,

collaboration and

participation

1 knowledge items

7 skills items

3 attitudes and values items

Person-centred digital cancer care

3 knowledge items
6 skills items
3 attitudes and values items

Figure 2. The DigiCanTrain

Competence Framework

Information

technology and

digital health

systems

5 knowledge items

3 skills *items*

Framework

The DigiCanTrain Digital competence framework describes and categorizes the characteristics and attitudes needed for effective modern cancer care.



Digi Can Train