

Co-funded by the Erasmus+ Programme of the European Union 	BeWell – Healthcare ICT competence matrix	
EQF Level	4-6	ESCO: Healthcare data systems (Knowledge)
Aggregated Units of Learning Outcomes	BeWell – U1.7	Healthcare ICT

		BeWell		
Generic Title of the Unit:		U1.7 – Healthcare ICT		
Description:		Healthcare ICT concerns the digitization of healthcare data. A greater and more seamless flow of information within a digital healthcare infrastructure, created by electronic health records (EHRs), encompasses and leverages digital progress and can transform the way care is delivered and compensated. It will be important to understand the architecture of the systems in use and how the flow of data is expected from diagnosis to storage and consultation. It also encompasses the management of clinical data using RIS/PACS systems (e.g. diagnostic images).		
EQF Level:		4-6		
Learning Outcomes				
BeWell U-1.7	Training Module Code	Competence (Autonomy and responsibility)		
		Knowledge		Skills
1.1 Electronic health record (EHR)	TD07-M1	Is able to use an Electronic Health Record effectively in their daily work		
		Knows what kind of patient information is stored in an EHR		Uses the EHR to improve care coordination and diagnostics
		Knows the most common benefits and limitations of an EHR		
1.2 RIS/PACS Systems: Architecture and Organization	TD07-M2	Is able to integrate RIS and PACS Systems to improve their workflow		
		Knows the basic architecture and organisation of the RIS and PACS Systems		Consults with the system provider or the IT specialist when deciding on which hardware to use
				Follows the correct order for a radiological workflow
1.3 RIS Integration (DICOM/HL7)	TD07-M3	Is able to work according to standards for information sharing in the health sector		
		Knows the definition of HL7 and DICOM and why this is important		Uses standardised platform services for filesharing and data communication

1.4 PACS Integration	TD07-M4	Is able to define roles in information brokering	
		Knows what a HL7 broker is and what it enables	Acts in specified roles as information broker
		Understands how the ecosystem of RIS and PACS work together, and how DICOM and HL7 brokers fit in	
1.5 Healthcare ICT management	TD07-M5	Is able to manage the work related to Healthcare ICT	
		Understands the functions of the System Administrator	Solves errors in pre-, post- and procedure phases.