

Co-funded by the Erasmus+ Programme of the European Union 	BeWell – PACS, e- file, RIS competence matrix	
EQF Level	4-6	ESCO: Use electronic health records management system (Skill)
Aggregated Units of Learning Outcomes	BeWell – U1.8	PACS, e-file, RIS

		BeWell		
Generic Title of the Unit:		U1.8 – PACS, e-file, RIS		
Description:		Application of electronic health records to improve medical care, healthcare services, health promotion and to empower people in knowing and managing their own health		
EQF Level:		4-6		
Learning Outcomes				
BeWell U-1.8	Training Module Code	Competence (Autonomy and responsibility)		
		Knowledge	Skills	
1.1 Personal health record (PHR), Electronic Medical Record (EMR), Electronic health records (EHR)	TD08-M1	Is able to identify and understand the differences between health/medicine records		
		Knows the definitions and explanations of: • Personal health record (PHR) • Electronic Medical Record (EMR) • Electronic health records (EHR)		
		Knows the advantages and disadvantages of using EHRs		
		Knows the benefits and limitations of EHRs		
		Knows the benefits and limitations of PHRs		
		Knows the EHR systems and its data components		
1.2 EHRs functionalities and structure	TD08-M2	Is able to identify, select and implement the appropriate EHR solutions		
		Understands the EHR functionalities	Implements primary clinical use of single patient data	
		Knows of clinical data warehousing	Carries out secondary research use of groups of patients' data	
		Understands standardized EHRs data persistence mechanism		

		Understands data storage models' suitability for EHRs functions and requirements	
		Understands the advantages of a fully functional EHR	
		Understands the basics of EHR architecture	Uses free EHR software
1.3 RIS and PACS	TD08-M3	Is able to identify, select and implement the appropriate PACS solution	
		Understands the advantages and disadvantages of PACS Is able to integrate RIS and PACS Systems to improve their workflow	Consults with the system provider or the IT specialist when deciding on which hardware to use
		Understands the differences between RIS and PACS.	Follows the correct order for a radiological workflow
		Knows the PACS components	Acts in specified roles as information broker
		Understands the advantages and disadvantages of RIS functions	
		Knows the basics of PACS and Open Source PACS	
1.4 DICOM and HL7	TD08-M4	Can work according to standards for information sharing in the healthcare sector	
		Understands the basics of DICOM and HL7	Uses standardised platform services for filesharing and data communication
		Knows of the specifics in privacy and security	
1.5 Cloud-based systems	TD08-M4	Can identify and assess core aspects of cloud-based information systems	
		Has a basic understanding of cloud-based systems	Differentiates between available cloud-based solutions
		Understands the advantages and disadvantages of cloud-based systems	Judge risks and benefits of cloud-based systems vs locally networked solutions