Project title	**Elective Project 6: Self-awareness & Self-care; Behavioural Sciences; Inter-professional learning (incl. mobile clinic voluntary work); Humanities; Cultural competence**		
Project code	**GEMD-P006**	**ECTS**	4
Year / Semester	Year 3, Semester 6		
Project Lead	Dr Achilleas Palvou		
Project aims and objectives	This module is part of the Erasmus+ **Vir-MeD** project, which aims to develop a **VR Clinical Communication Skills training tool** using **ChatGPT-powered virtual patients**. The module will: • **Beta-test** the GPT-powered virtual patient as a clinical training tool. • **Enhance students' communication skills** by simulating realistic patient interactions. • **Allow students to generate two clinical communication scenarios of their choosing**, enabling personalized learning experiences. • **Evaluate the tool's educational value** based on student feedback. • **Refine and improve** the functionality of AI-driven virtual patient simulations. Students will engage with AI-generated patient scenarios, reflecting on their interactions to assess the **effectiveness, realism, and impact** of this technology in medical education.		
Learning outcomes	By the end of this module, students will be able to: 1. **Understand the role of GPT-powered virtual patients** in clinical communication training. 2. **Navigate and use the virtual patient system effectively** to create and conduct clinical scenarios. 3. **Design two clinical communication scenarios of their choosing**, allowing for targeted skill development. 4. **Demonstrate key communication skills**, including active listening, eliciting patient concerns (ICE), and explaining medical concepts clearly. 5. **Critically reflect on their experiences**, identifying strengths and areas for improvement. 6. **Evaluate the effectiveness of AI-driven virtual patients** in medical education and provide feedback for future development.		
Associated project support sessions	**Introductory Workshop (Single Session – 1.5 hours)** • Overview of the Erasmus+ Vir-MeD project. • Demonstration of the GPT-powered virtual patient. • Explanation of module requirements (simulations, questionnaire, reflective essay). • Live demo with student participation and Q&A.		

	Independent Study (Self-Paced) • Students **ask the GPT-powered virtual patient to generate two clinical communication scenarios** of their choosing. • They conduct **two simulated consultations** based on these scenarios. • Reflection through the **qualitative questionnaire**. **Optional Drop-In Support (Midway Check-In)** • Office hours/Q&A for troubleshooting and guidance.

Assessment	To successfully complete this module, students must submit the following by **28th April**:
	
	1. **Two Simulated Consultations** (Ungraded, but required)
	  ○ Students **ask the GPT-powered virtual patient to generate two clinical communication scenarios** relevant to their learning needs.
	  ○ Engage with the AI in **two different patient consultations**.
	  ○ Demonstrate communication skills and patient-centered approaches.
	2. **Qualitative Questionnaire (20%)**
	  ○ Structured reflection on the simulated consultations.
	  ○ Evaluation of the tool's effectiveness and realism.
	3. **Reflective Essay (80%)** (Max. 1500 words)
	  ○ Critical reflection on communication skills demonstrated and improved.
	  ○ Discussion of challenges faced and strategies used.
	  ○ Evaluation of GPT-powered virtual patients in clinical education, including realism of GPT-powered virtual patient as well as efficacy and usefulness of the constructive feedback it provides at the end of each consulation.