

Your guide to

Hybrid Healthcare Digital Tools

<https://hybridhealthcareproject.eu/>

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Hybrid Healthcare
Digital Tools

By
EUEI

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01

Introduction



This toolbox of **recommended digital tools** presents several resources that support the teaching and practice of hybrid healthcare.

The tools help educators demonstrate how digital systems can link in-person and remote care, promote ethical and responsible use of technology, and guide learners in applying these tools confidently in both clinical and educational settings.



Our Digital Toolbox

The Digital Toolbox has been developed to support digital readiness and innovation within healthcare and health education across Europe. Health systems and universities are now working in increasingly blended environments where face-to-face interaction combines with digital learning, simulation, and remote care. The Toolbox responds to this shift by presenting a carefully chosen set of tools that make digital practice more practical, sustainable, and inclusive.

It aims to make digital transformation achievable for educators, students, and healthcare professionals, regardless of technical background or available resources. Each tool has been reviewed for accessibility, relevance, usability, and compliance with European data-protection standards, ensuring that the collection can be used with confidence across different contexts. The tools range from low-cost or open-access solutions to more advanced platforms already used in hospitals and universities, offering flexibility for diverse organisations.

The primary audience includes higher-education lecturers, clinical educators, and health professionals seeking to integrate digital methods into teaching, training, or

practice. The Toolbox is also valuable for students preparing for digitally enabled healthcare, hospital training teams, public-health agencies, and digital-health project partners looking for reliable, transferable examples of technology in action.

A key aim is to build **digital confidence and collaboration** between the education and healthcare sectors. By providing clear, evidence-based examples, the Toolbox encourages shared learning and supports informed decisions about which tools best fit local needs.

Ethics and responsible practice are central to its development. All included tools align with recognised European standards such as GDPR and have been reviewed with attention to data security, transparency, and user privacy. Users are encouraged to apply local ethical and governance frameworks, ensuring that digital transformation protects both patient and learner rights and promotes equitable access to technology.

Disclaimer

The digital tools and resources listed in this section were identified and reviewed circa 2025. Availability, features, and access models may change over time as technologies continue to develop.



User Guide

The Digital Toolbox is designed as a practical reference for educators, healthcare professionals, and organisations exploring how digital technologies can enhance teaching, learning, and care delivery. It is not a technical manual, but a guide to help users identify tools that are appropriate for their context, level of digital maturity, and available resources. Each entry includes a concise summary describing the tool's purpose, typical users, key features, evidence of effectiveness, implementation status, and potential for transfer across European settings.

Educators may wish to explore how the **Educational** and **Communication** tools can be embedded within lessons, workshops, or simulation-based learning. These tools lend themselves to active teaching, student engagement, and hybrid delivery methods. Clinical trainers and healthcare providers might focus on the **Clinical** and **Management** tools to support remote monitoring, patient communication, quality improvement, or the organisation of clinical and academic projects. In both cases, the Toolbox offers a way to compare and select technologies that are already proven and ready to use.

The Toolbox can also be used as a **teaching and training resource**. Educators may integrate these examples into modules on digital health, healthcare management, or professional ethics, encouraging students to analyse, test, and reflect on the tools from both professional and user perspectives. Discussion around usability, data handling, and accessibility can help learners understand the broader implications of digital transformation in their field.

Users are invited to treat the Toolbox as a **living resource** that continues to evolve. As technologies develop and new examples emerge, further tools can be added, updated, or replaced. In this way, the Toolbox remains current and responsive, supporting ongoing professional growth, innovation, and the ethical, equitable integration of digital technology across healthcare and education in Europe.

NOTE

When identifying or trialling tools, users are encouraged to consider several important factors:

- **Accessibility** – whether the tool is free to use, institutionally licensed, or requires specific equipment or software.
- **Data protection** – ensuring compliance with European and local data privacy standards, including GDPR.
- **Digital readiness** – the level of digital competence, support, and infrastructure available within the organisation.
- **Ethical use** – maintaining transparency, protecting user privacy, and applying technology responsibly, particularly in relation to AI-driven or data-sensitive systems.

02

Clinical Tools

Clinical Tools – Introduction

Clinical tools demonstrate how digital technology supports healthcare delivery, professional communication, and clinical education. They show how well-designed systems can improve safety, efficiency, and collaboration while enhancing learning for students and practitioners.

The tools included here are already in use across Europe and have been selected for their accessibility, evidence of benefit, and compliance with European data-protection standards. They range from secure communication platforms and digital care pathways to AI-assisted reasoning and documentation systems.

Each tool highlights how technology can complement—not replace—clinical judgement and teamwork. They are equally valuable as resources for educators, providing real examples for teaching about digital practice, ethics, and professional responsibility.

The following examples illustrate how digital innovation is reshaping clinical environments to make care more connected, transparent, and patient-centred.



Siilo – Secure Clinical Messaging

01

Siilo is a secure, GDPR-compliant communication platform developed specifically for healthcare teams. It provides an alternative to public messaging apps such as WhatsApp, allowing professionals to exchange clinical information safely within an encrypted environment. The platform supports both formal and informal collaboration across departments, hospitals, and even national borders.

Users

Doctors, nurses, allied health professionals, and students on placement who require secure day-to-day communication with colleagues.

Features

Encrypted one-to-one and group messaging, case discussion threads with image and document sharing, automatic anonymisation of patient data, and integration with institutional directories or on-call rotas.

How to Implement in the Classroom

Siilo can be used to simulate clinical communication scenarios, teaching students how to share information securely and professionally. Educators can create closed discussion groups for case-based exercises, enabling students to practise appropriate digital communication, confidentiality, and consent. It can also support supervision or mentoring discussions between students and tutors during placements.

Access model:

Free for individual verified users; enterprise licences allow organisations to manage teams, compliance, and data retention centrally.

Transferability and Ethical Considerations:

Fully GDPR-compliant and suitable for cross-border collaboration. It reinforces digital professionalism and the importance of responsible communication in healthcare.



Ada Health – AI Symptom Assessment Platform

02

Ada Health is an AI-driven symptom-assessment tool that analyses user-reported symptoms and produces evidence-based suggestions for possible conditions or next steps. In education, it provides a clear example of how artificial intelligence supports clinical reasoning and patient engagement.

Users

Patients, medical students, educators, and clinicians interested in AI-based decision support.

Features

Conversational interface for entering symptoms, structured triage output with recommended actions, API integration for health systems, and multilingual capability.

How to Implement in the Classroom

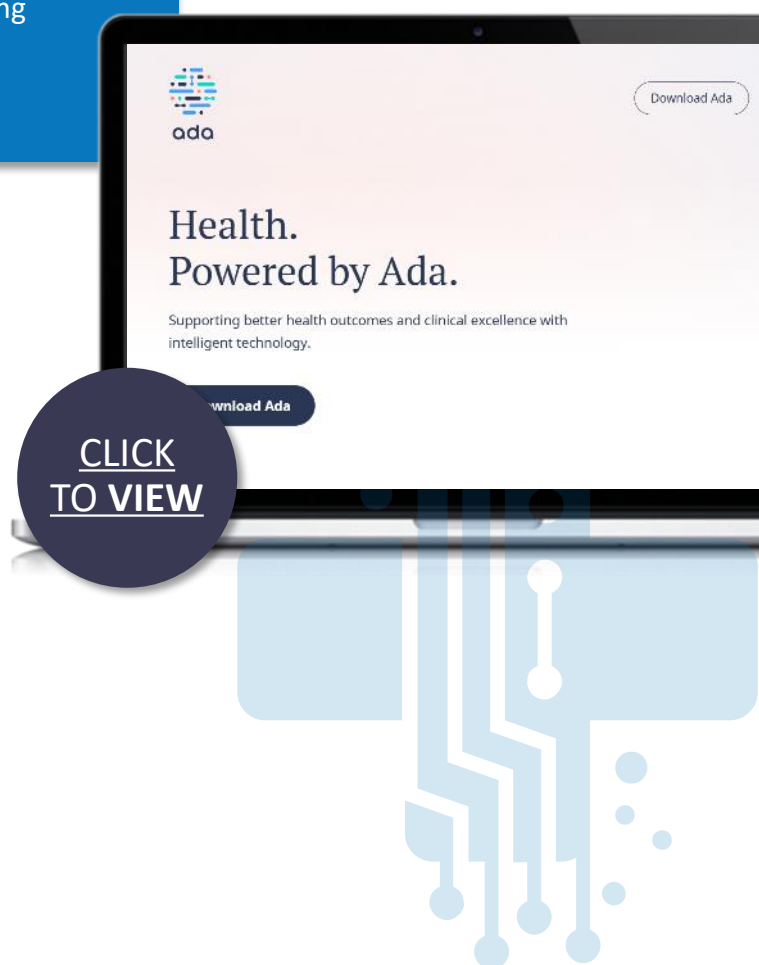
Educators can use Ada Health to demonstrate the role of AI in clinical reasoning. Students can input fictional patient cases and analyse how the tool interprets data and reaches conclusions. This activity supports critical thinking about the strengths and limitations of AI, helping learners compare algorithmic reasoning with human diagnostic processes. It can also be included in discussions on ethics, data privacy, and responsible AI use in healthcare.

Access model:

Free mobile app for public use; API and integration services available via institutional partnership.

Transferability and Ethical Considerations:

Fully GDPR-ready and CE-marked. It provides a clear, accessible case study for teaching about AI ethics, transparency, and patient safety.



MyPatientSpace – Digital Care Pathway and Monitoring Platform

03

MyPatientSpace enables hospitals and educators to create digital care pathways for remote monitoring and post-discharge follow-up. It improves communication between patients and clinical teams and supports continuity of care through digital engagement.

Users

Clinical teams, educators teaching hybrid healthcare models, and students learning about telehealth and patient communication.

Features

Personalised patient dashboards, secure messaging, symptom tracking, and integration with wearable devices.

How to Implement in the Classroom

Instructors can use sample care pathways to demonstrate how digital tools support patient engagement and long-term condition management. Students can design mock digital care plans for specific patient scenarios, learning to balance clinical, technical, and ethical considerations. This supports applied learning in digital health, communication, and patient empowerment.

Access model:

Institutional licence with configurable modules.

Transferability and Ethical Considerations:

CE-certified and hosted within secure EU data centres. Ethical use requires explicit consent and careful handling of sensitive health information.



Glass AI – Clinical Reasoning Assistant

04

Glass AI applies large-language-model reasoning to generate structured differential diagnoses and management plans from clinical notes. It can be used to demonstrate structured thinking and how AI may complement human reasoning.

Users

Medical students, educators, and practising clinicians exploring AI-supported decision-making.

Features

Transparent reasoning outputs showing the steps behind conclusions, references to evidence-based guidelines, and a “teaching mode” for structured discussion.

How to Implement in the Classroom

Educators can present fictional clinical scenarios and use Glass AI to show how an AI system analyses data, generates hypotheses, and supports decision-making. Students can then compare their reasoning process to the tool’s outputs, identifying strengths, omissions, and ethical implications. This makes it ideal for workshops on diagnostic reasoning, bias, and AI transparency.

Access model:

Web-based, with free and institutional versions.

Transferability and Ethical Considerations:

Fully GDPR-compliant; a valuable teaching tool for exploring the ethical integration of AI in healthcare education.



Nuance DAX Copilot – AI Clinical Documentation Assistant

05

Nuance DAX Copilot uses natural-language processing to automatically document patient–clinician conversations, creating structured clinical notes. It reduces administrative work and improves record accuracy.

Users

Clinicians, students, and educators studying digital workflows, clinical communication, or health informatics.

Features

Real-time voice transcription, structured summaries for EHRs, integration with major IT systems, and secure cloud storage in EU data regions.

How to Implement in the Classroom

Students can observe demonstrations of how speech-recognition tools convert consultations into structured documentation. Educators can use example transcripts for exercises on editing, validation, and data privacy, helping learners understand the workflow and ethical issues surrounding automation. It also supports training on digital communication and the human–technology interface in clinical practice.

Access model:

Institutional licence through Microsoft Healthcare.

Transferability and Ethical Considerations:

GDPR-compliant and EU-hosted. It offers a strong example for classroom discussion about informed consent, transparency, and accountability when AI assists in clinical documentation.



03

Educational Tools



Educational Tools – Introduction

Educational tools demonstrate how digital technologies can enhance learning, assessment, and skill development in healthcare and related disciplines. They offer flexible, interactive, and immersive ways for students to engage with complex clinical concepts, decision-making processes, and communication scenarios.

The tools in this section include virtual-patient simulators, eLearning design platforms, and interactive case-based systems used across European universities and training institutions. Each example illustrates how technology can make learning more accessible, engaging, and reflective of real-world healthcare practice.

All listed tools comply with European data-protection standards and support inclusive, blended learning environments. They are designed to be adaptable to various curricula and professional levels, helping educators to integrate simulation, self-paced learning, and digital collaboration effectively.

Used thoughtfully, these tools encourage critical thinking, teamwork, and ethical awareness — skills essential for students preparing for digitally enabled healthcare practice.



BodyInteract – Virtual Patient Simulator

06

BodyInteract is an interactive virtual patient simulator that enables learners to practise clinical decision-making in realistic, risk-free environments. It helps students apply theoretical knowledge to dynamic patient cases while developing diagnostic and teamwork skills.

Users

Medical, nursing, and allied-health students; lecturers and clinical educators.

Features

3D virtual patients that respond in real time to student interventions, scenario authoring tools, debriefing analytics, and performance feedback dashboards.

How to Implement in the Classroom

Educators can incorporate BodyInteract simulations into teaching sessions or assessments. Scenarios can be aligned with learning outcomes, such as managing acute conditions or practising interprofessional collaboration. After each session, students can review their decisions during a debrief to reflect on reasoning and communication. The tool also supports self-directed learning, allowing students to repeat simulations outside of class.

Access model:

Institutional licence with educator dashboard and scenario library.

Transferability and Ethical Considerations:

Available in multiple languages and adaptable to national clinical guidelines. Encourages ethical decision-making and reflection in a controlled digital setting.



Articulate Rise 360 – Interactive eLearning Authoring Platform

07

Articulate Rise 360 is a cloud-based authoring tool for creating engaging, interactive online learning modules. It enables educators to develop responsive content suited to desktop or mobile devices without needing specialist technical skills.

Users

Lecturers, clinical tutors, instructional designers, and healthcare trainers.

Features

Drag-and-drop interface, branching scenarios, quizzes, knowledge checks, accessibility compliance, and integration with learning management systems (LMS).

How to Implement in the Classroom

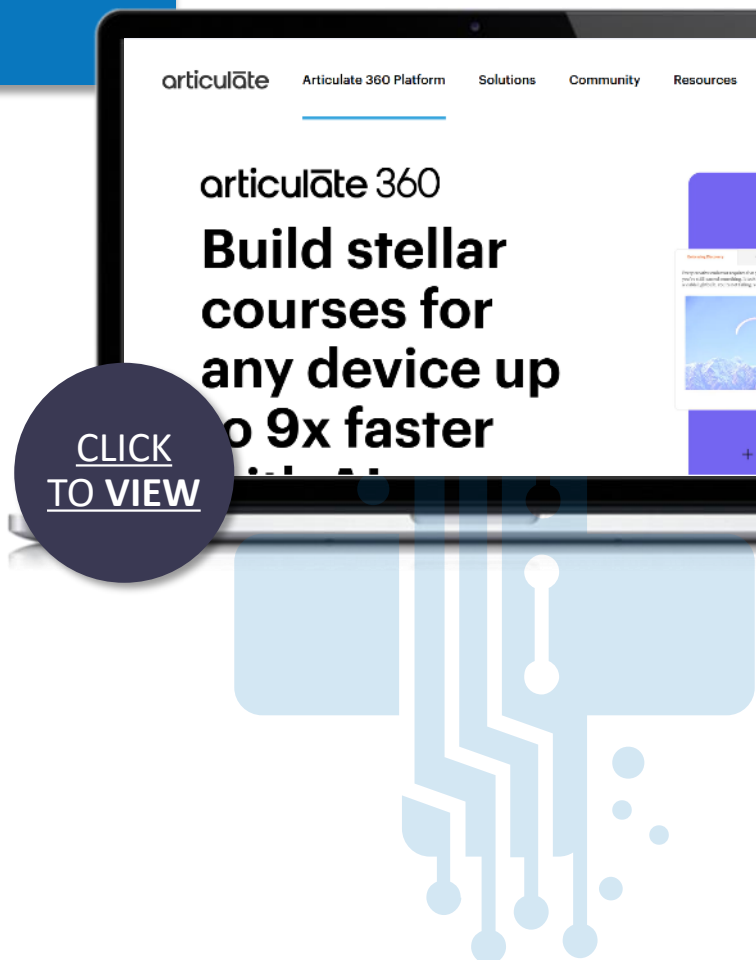
Educators can use Rise 360 to create interactive modules on clinical skills, patient safety, or ethics. Content can be built around real cases, guidelines, or multimedia, supporting both blended and self-paced learning. Students can complete modules independently and review their progress through quizzes and scenario feedback.

Access model:

Subscription service with educational pricing.

Transferability and Ethical Considerations:

Browser-based and multilingual, supporting European accessibility standards. Encourages consistent, inclusive digital course design.



Oxford Medical Simulation (OMS) provides immersive, evidence-based virtual reality (VR) simulations that replicate real clinical environments. It allows learners to practise patient assessment, teamwork, and decision-making in realistic, risk-free scenarios that mirror the pressures of real-world healthcare. OMS helps bridge theory and practice by offering repeatable, structured learning experiences that improve clinical confidence and communication skills.

Users

Medical and nursing students, lecturers, and clinical instructors.

Features

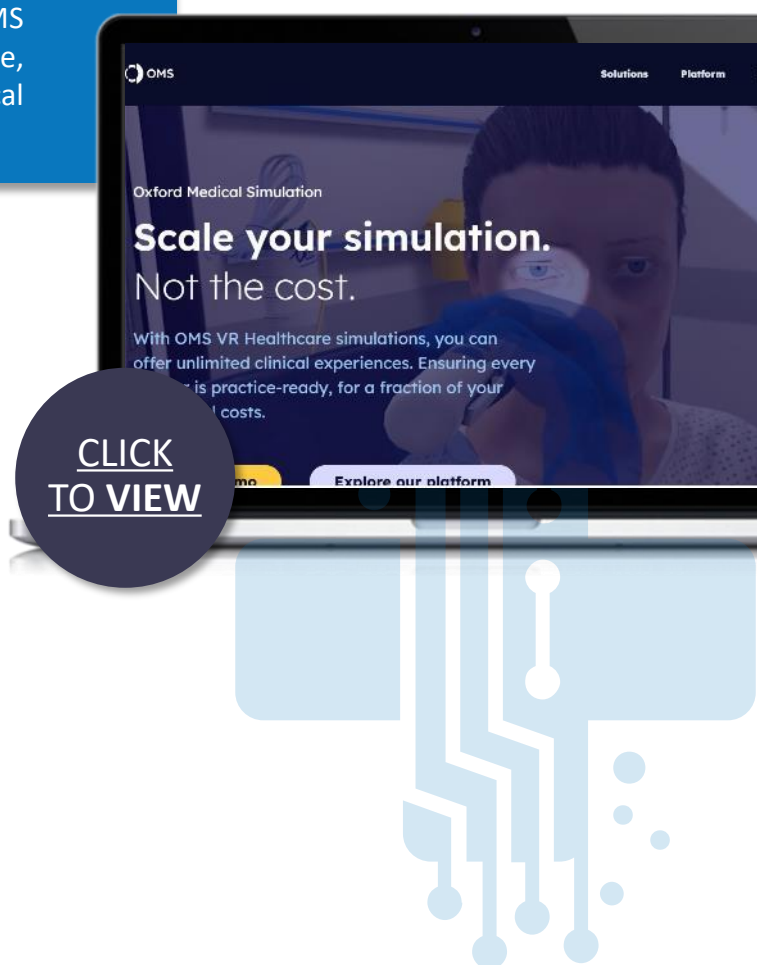
3D simulated clinical environments, lifelike patient interactions, debriefing tools, and performance analytics for individual or team learning.

How to Implement in the Classroom

Educators can integrate OMS into clinical-skills sessions, allowing students to practise scenarios that mirror real emergencies or patient encounters. VR simulations can complement traditional clinical placements, helping students gain confidence before practising in live settings. Post-simulation debriefs allow educators to assess reasoning, communication, and teamwork.

Access model:

Institutional subscription with flexible deployment options (VR or desktop).



Transferability and Ethical Considerations:

Available in multiple languages and adaptable to local curricula. Provides a safe, ethical learning space for practising clinical decision-making and teamwork.

ClinCaseQuest – Case-Based Learning Platform

09

ClinCaseQuest is an interactive, case-based learning platform that replicates the process of diagnosing and managing patients. It helps students apply theoretical knowledge to clinical reasoning by guiding them through realistic patient cases, decision points, and outcomes. The platform encourages reflective learning and exposes students to the complexity and uncertainty of real-world clinical practice in a structured, accessible format.

Users

Students, educators, and professionals engaged in continuing medical or nursing education.

Features

Branching case scenarios, scoring systems, progress analytics, and integration with major LMS platforms.

How to Implement in the Classroom

Educators can assign clinical cases aligned to course topics or use them during workshops to stimulate discussion and group problem-solving. Students can complete cases individually or in teams, compare decisions, and review feedback to identify learning needs. Cases can also be adapted to specific learning outcomes or local clinical guidelines.

Access model:

Freemium model with institutional licensing for advanced features.

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Transferability and Ethical Considerations:

Browser-based and multilingual. Ideal for teaching applied reasoning and ethical decision-making in patient care.

Touch Surgery (by Medtronic)

10

Touch Surgery is a digital surgical training platform that uses interactive mobile and VR technology to help learners visualise and rehearse procedures step by step. It offers detailed anatomical guidance and evidence-based instruction, supporting safe, consistent skill development before entering the clinical environment. The tool helps bridge the gap between theoretical learning and hands-on surgical training, promoting accuracy, confidence, and patient safety.

Users

Surgical trainees, educators, students, and training departments.

Features

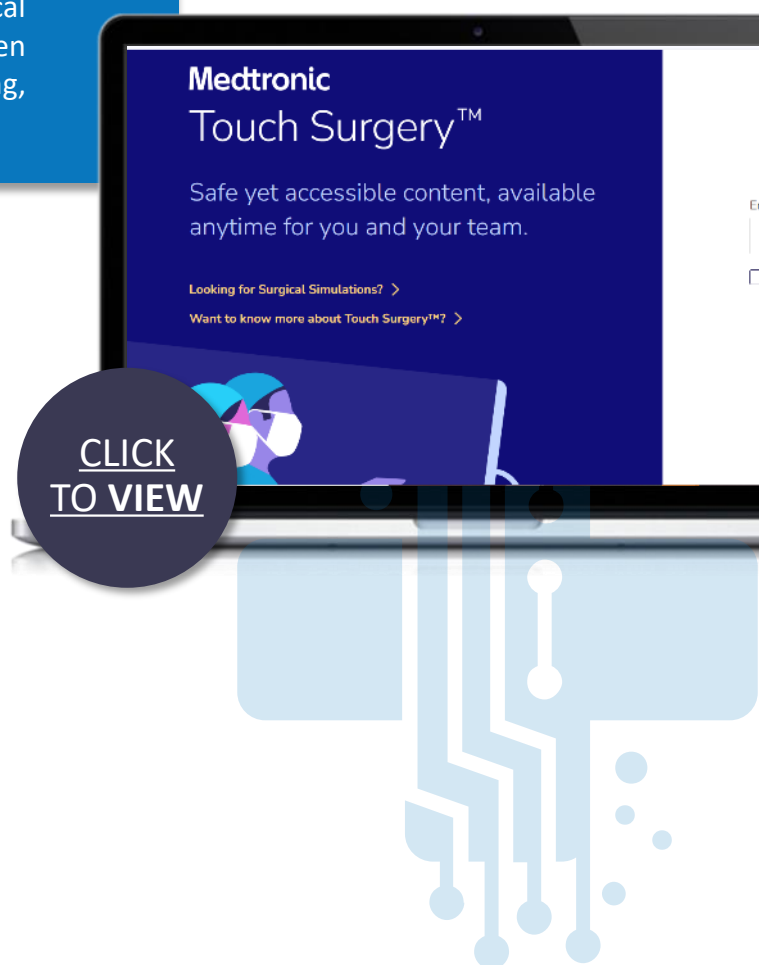
3D procedural walkthroughs, annotated anatomy, self-assessment tools, and offline access for mobile learning.

How to Implement in the Classroom

Educators can integrate Touch Surgery into surgical-skills sessions, allowing students to rehearse techniques and become familiar with anatomical structures before performing them in simulation labs or supervised clinical settings. The app's detailed, step-by-step guidance supports deliberate practice and helps learners visualise each stage of a procedure, reinforcing confidence and muscle memory. It can also be used in flipped-classroom models, where students complete virtual procedures in advance of practical sessions, enabling classroom time to focus on deeper discussion, reflection, and hands-on refinement of skills.

Access model:

Free for individual use; enterprise features for institutional analytics and curriculum alignment.



Transferability and Ethical Considerations:

CE-marked and available in multiple languages. Encourages safe, ethical preparation for clinical procedures through virtual practice.

04

Management Tools



Management Tools – Introduction

Management tools support the organisation, coordination, and continuous improvement of healthcare and health education systems. They enable staff and students to collect, analyse, and interpret data, manage projects efficiently, and apply evidence-based approaches to quality improvement.

These tools demonstrate how digital systems can make management processes more transparent and collaborative, whether in clinical administration, academic coordination, or institutional planning. By introducing these technologies into learning and professional settings, educators and healthcare managers can help learners understand how data and digital processes influence real-world decision-making.

The examples in this section range from powerful analytics platforms to task-management and data-collection tools. All are compliant with European data-protection standards and are adaptable across organisational levels. Used in the classroom, they help develop students' skills in leadership, evaluation, and digital literacy — essential for modern healthcare professionals.



Qlik Sense – Data Visualisation and Quality Improvement Platform

11

Qlik Sense is an interactive data-visualisation and analytics platform designed to support evidence-based decision-making in healthcare and education. It allows users to turn complex datasets into clear dashboards that display performance indicators, outcomes, and quality-improvement metrics. In health education, it helps learners understand how data drive improvement in patient care, resource management, and institutional performance.

Users

Hospital managers, educators, administrators, and students in health management or informatics.

Features

Drag-and-drop dashboards, KPI tracking, integration with EHR or Excel data, automated reporting, and custom data visualisations.

How to Implement in the Classroom

Educators can use Qlik Sense to demonstrate how data visualisation supports decision-making in healthcare and management. Students can analyse anonymised datasets to explore trends such as patient outcomes, staffing levels, or resource use. In project-based modules, learners can design mock dashboards to monitor improvement goals or evaluate educational outcomes, reinforcing the importance of data accuracy and interpretation.

Access model:

Freemium desktop version and institutional web licence.



Transferability and Ethical Considerations:

GDPR-compliant and multilingual. Reinforces data integrity, responsible analysis, and transparency in performance reporting.

Asana – Education Workspace and Project Management Platform

12

Asana is a digital project-management tool that helps teams plan, coordinate, and monitor progress on shared tasks. In education and healthcare, it supports collaborative projects, research coordination, and curriculum or placement management. The platform encourages structured teamwork, accountability, and effective time management — key skills for students preparing for multidisciplinary work environments.

Users

Lecturers, administrators, research teams, and student project groups.

Features

Task boards, shared timelines, workload dashboards, milestones, reminders, and integration with Microsoft Teams, Slack, and Google Workspace.

How to Implement in the Classroom

Educators can use Asana to manage group projects or collaborative assignments, allowing students to assign roles, track progress, and document outcomes. It can also be used in management or leadership modules to teach principles of project planning and coordination. By reflecting on their use of the platform, students gain insight into teamwork dynamics and digital communication.

Access model:

Freemium version available; educational and non-profit discounts offered for institutional plans.

Transferability and Ethical Considerations:

Accessible in multiple EU languages with EU data-hosting options. Encourages collaborative working while modelling responsible digital project management.



REDCap Cloud – Secure Data Capture for Research and Education

13

REDCap Cloud is a secure, web-based application for collecting and managing research, evaluation, or audit data. Developed for academic and clinical environments, it allows users to create electronic data-capture forms and store sensitive information safely. For teaching, it provides a real-world example of how research data are structured, managed, and governed under strict ethical standards.

Users

Researchers, educators, students, and data officers.

Features

Customisable electronic forms, user access controls, audit trails, API integration, and data export to statistical software such as SPSS or R.

How to Implement in the Classroom

Educators can introduce REDCap as part of research methods or data-management courses. Students can design and test mock data-collection tools to learn about survey structure, data validation, and confidentiality. In advanced modules, the platform can be used to manage small-scale student research projects or quality-improvement initiatives within simulated or supervised settings.

Access model:

Institutional licence available to non-profit and academic institutions.

Transferability and Ethical Considerations:

GDPR-aligned with secure EU hosting options. Reinforces ethical principles of research integrity, consent, and data protection.



WHO Digital Health Atlas – Global Digital Health Repository

14

The WHO Digital Health Atlas is an open-access, global platform that maps digital health initiatives and provides tools for planning, policy, and evaluation. It supports users in identifying good practices, avoiding duplication, and understanding how digital health systems are implemented across different contexts. In education, it serves as a valuable reference for students studying global health, policy, or digital transformation.

Users

Educators, policymakers, researchers, and students in public health and digital-health management.

Features

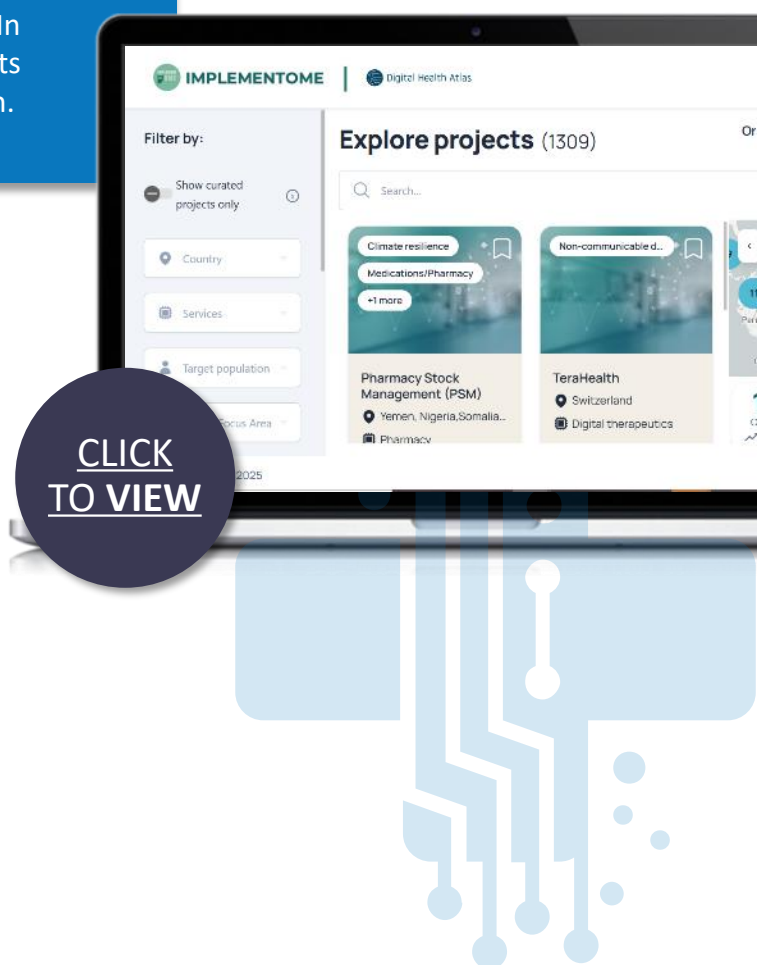
Searchable project database, implementation toolkits, regional dashboards, and evidence summaries on digital maturity and interoperability.

How to Implement in the Classroom

Educators can use the Digital Health Atlas in seminars or assignments to explore real-world examples of digital health innovation. Students can analyse regional case studies or compare implementation models between countries, supporting critical thinking about equity, scalability, and policy. It is particularly useful for discussions on how digital strategies align with Sustainable Development Goals (SDGs).

Access model:

Open-access platform; free registration for additional features.



Transferability and Ethical Considerations:

International scope and multilingual interface. Encourages awareness of global ethics, sustainability, and responsible digital innovation.

05

Communication Tools



Communication Tools – Introduction

Communication tools play a vital role in connecting healthcare professionals, educators, and students across physical and digital environments. They support collaboration, knowledge exchange, and inclusive participation in both educational and clinical settings. By facilitating secure communication and engagement, these tools help maintain connection and continuity in hybrid and distributed teams.

The examples included here demonstrate how technology can enhance teaching, supervision, and teamwork. They range from virtual meeting and presentation platforms to professional discussion networks and design tools used to create clear, accessible learning materials.

Each tool supports responsible, GDPR-compliant communication and can be adapted to local institutional contexts. In educational settings, they allow lecturers and trainers to promote active participation, feedback, and digital professionalism. In clinical or interprofessional training, they model how effective communication underpins safe and coordinated care.

Used thoughtfully, these tools encourage collaboration, inclusion, and professional identity development — essential skills for healthcare students and practitioners working in digitally connected environments.



Microsoft Teams for Education (Healthcare Mode)

15

Microsoft Teams for Education provides a secure digital environment for communication, collaboration, and learning. In healthcare education, it enables lecturers, students, and clinical mentors to connect seamlessly across classroom and placement settings. The platform integrates chat, video, document sharing, and scheduling tools, supporting both live teaching and asynchronous collaboration. Its accessibility features make it suitable for diverse learning environments and multilingual groups.

Users

Students, lecturers, clinical mentors, and academic administrators.

Features

Video conferencing, instant messaging, breakout rooms, shared whiteboards, integrated file storage, accessibility tools (captions, transcription), and LMS integration.

How to Implement in the Classroom

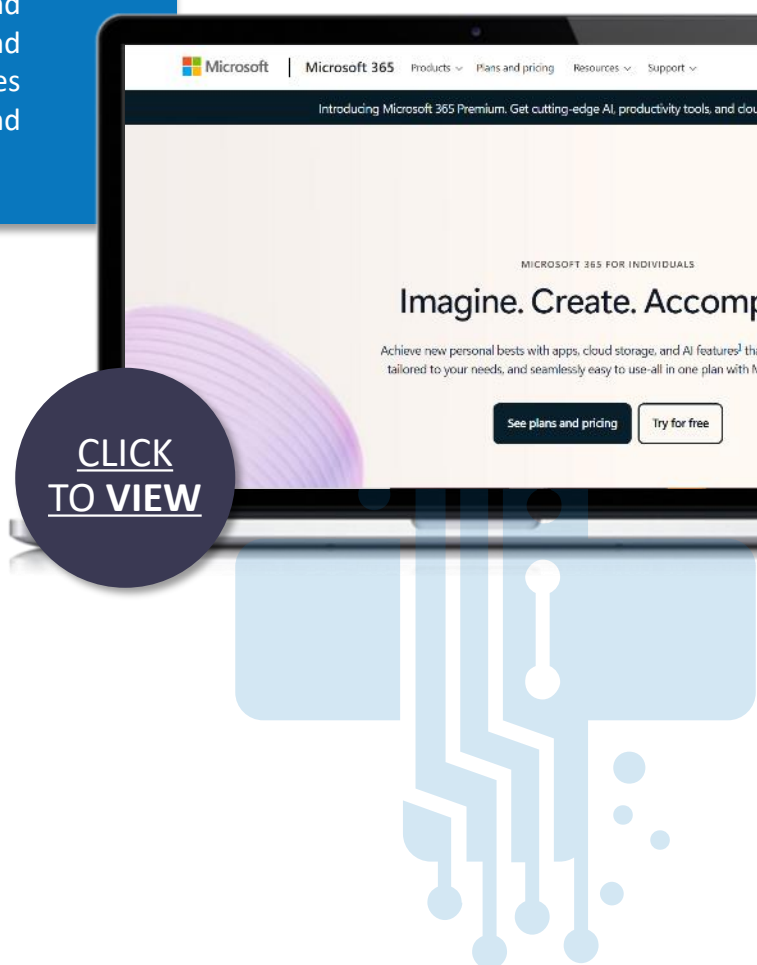
Educators can use Teams to host live lectures, tutorials, or clinical debrief sessions, creating inclusive hybrid learning experiences. It can also be used for group projects, placement supervision, and interprofessional workshops. Within Teams, channels can be created for specific courses or cohorts, allowing students to collaborate, share reflections, and access resources in one place. Educators can use built-in polls and chat functions to maintain engagement during online sessions.

Access model:

Included in most institutional Microsoft 365 licences; education discounts available.

Transferability and Ethical Considerations:

Fully GDPR-compliant, hosted in EU data centres, and accessible in multiple languages. Promotes digital professionalism and responsible communication practices.



Mentimeter – Interactive Presentation and Feedback Tool

16

Mentimeter is an interactive presentation platform that enables live polling, quizzes, and anonymous feedback in real time. It enhances engagement in lectures, seminars, and professional training by encouraging active participation and giving every student a voice. The tool supports both in-person and remote learning, making it ideal for hybrid classrooms and multilingual audiences.

Users

Educators, facilitators, clinical tutors, and workshop leaders.

Features

Live polls, quizzes, word clouds, scales, multiple-choice questions, and multilingual interface with accessibility options.

How to Implement in the Classroom

Educators can embed Mentimeter into lectures or workshops to check understanding, gather opinions, or stimulate discussion on sensitive topics. It can be used for formative assessment by collecting immediate feedback on learning progress, or for icebreaker activities to increase participation. In clinical education, it can help gauge student confidence before and after simulations or case-based discussions.

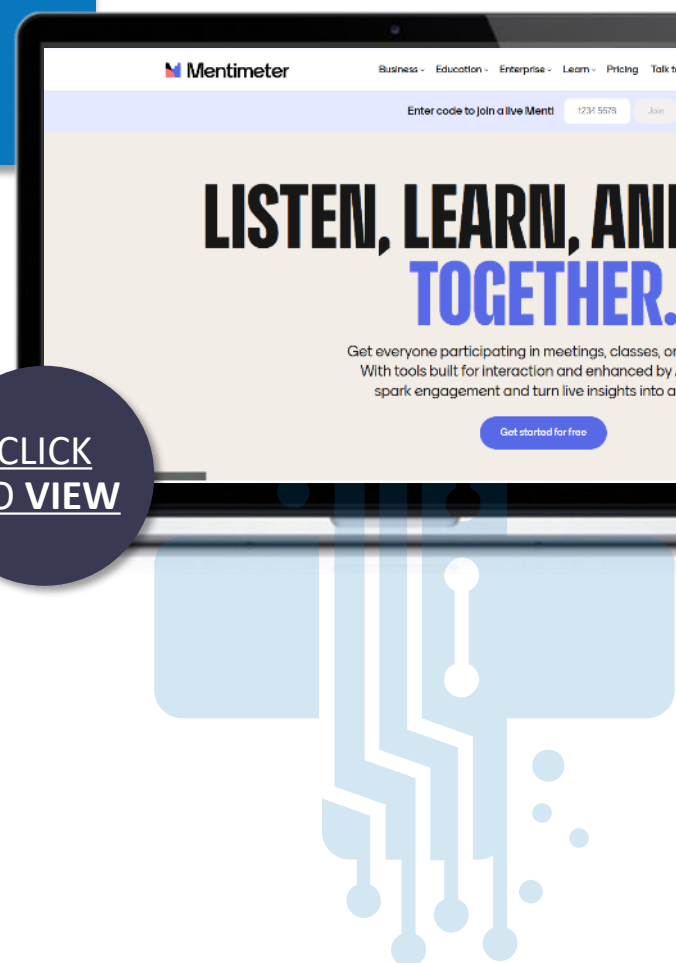
Access model:

Freemium model with education plans and institutional licences.

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Transferability and Ethical Considerations:

Browser-based and GDPR-compliant. Supports anonymous participation, promoting inclusion and psychological safety in learning.



Sermo is a verified online community where clinicians can discuss cases, share knowledge, and exchange professional experience. It offers a secure, peer-to-peer environment that supports reflective learning, clinical debate, and cross-border collaboration. For education, it provides a real-world example of how professional digital communities function ethically and safely.

Users

Physicians, educators, and senior medical students.

Features

Secure case discussion boards, professional verification, anonymous posting options, translation support, and clinical polling functions.

How to Implement in the Classroom

Educators can use Sermo as an example of digital professionalism and online peer consultation. Students can review anonymised discussion threads to explore clinical reasoning and communication tone. In postgraduate or CPD contexts, participants can use the platform to engage with global peers, compare practice approaches, and reflect on ethical communication in professional forums.

Access model:

Free for verified clinicians and healthcare professionals.



Transferability and Ethical Considerations:

GDPR-compliant and multilingual. Reinforces awareness of professional boundaries, confidentiality, and ethics in online healthcare communication.

MedAll is an online platform designed for hosting hybrid and virtual medical education events. It supports conferences, webinars, and training sessions, enabling global participation in a cost-effective, accessible way. The platform integrates live and recorded sessions, discussion spaces, and certificate generation, helping institutions and student organisations deliver continuing professional development (CPD) and academic engagement.

Users

Universities, healthcare organisations, educators, and student societies.

Features

Live streaming, on-demand recordings, event registration, attendance tracking, CPD certificates, and community discussion forums.

How to Implement in the Classroom

Educators can use MedAll to organise virtual guest lectures, panel discussions, or student-led teaching events. Recordings can be reused in blended learning modules or professional development courses. For larger programmes, it can host multi-day online conferences, supporting networking and collaboration between students, academics, and clinicians.

Access model:

Free basic tier; paid plans for advanced institutional features.

Transferability and Ethical Considerations:

Browser-based and GDPR-compliant. Supports inclusive participation across countries and time zones, promoting open access to professional learning



07

Glossary of Key Terms



Glossary of Hybrid Healthcare Terms

Accessibility – Ensuring that digital tools and content can be used by all individuals, including those with disabilities or differing language needs.

AI (Artificial Intelligence) – Computer systems that perform tasks that typically require human intelligence, such as learning, reasoning, or decision-making.

API (Application Programming Interface) – A set of rules that allows one software application to communicate with another, often used to integrate digital health systems.

Blended Learning – A teaching approach that combines face-to-face instruction with digital or online learning activities.

Clinical Reasoning – The process by which healthcare professionals collect and interpret information to make patient-care decisions.

CPD (Continuing Professional Development) – Ongoing learning activities that help professionals maintain and enhance their knowledge and skills.

Data Protection – Policies and procedures that ensure personal and sensitive data are collected, stored, and shared securely in accordance with legal requirements such as GDPR.

Digital Literacy – The ability to effectively and responsibly use digital technologies to find, evaluate, create, and communicate information.

EHR (Electronic Health Record) – A digital version of a patient's paper chart, allowing authorised healthcare professionals to access and update patient information securely.

GDPR (General Data Protection Regulation) – The European Union regulation governing data privacy and protection for individuals within the EU and EEA.

Hybrid Learning / Hybrid Healthcare – A model that combines physical and digital environments to deliver education or healthcare services, often using virtual consultations or online teaching alongside in-person interaction.

Interoperability – The ability of different information systems and devices to exchange and use data effectively and securely.

LMS (Learning Management System) – Software that supports the creation, delivery, and tracking of online or blended learning courses.

Simulation-Based Learning – The use of realistic scenarios, often digital or virtual, to practise clinical and professional skills in a safe environment.

Telehealth / Telemedicine – The use of digital communication technologies to deliver healthcare remotely, including consultations, monitoring, and education.

Transferability – The degree to which a tool or approach can be adapted for use in different institutions, languages, or national contexts.

Virtual Patient – A computer-based simulation of a clinical case that allows learners to practise diagnostic and management skills.

Workflow Optimisation – The process of improving efficiency and reducing duplication in organisational or clinical tasks through digital systems.

Further Reading and Resources

To support continued learning and responsible practice, the following sources offer practical guidance, policy frameworks, and research related to digital health and education. These resources can be used for staff development, curriculum design, or strategic planning.

European and International Frameworks

- **European Commission – Digital Education Action Plan (2021–2027)** - Outlines the EU strategy for strengthening digital education and skills across Europe. <https://education.ec.europa.eu/focus-topics/digital-education/action-plan>
- **WHO Global Strategy on Digital Health (2020–2025)** - Provides a global framework for the development, integration, and ethical use of digital health systems. <https://www.who.int/health-topics/digital-health>
- **OECD – Digital Education Outlook** - Analyses trends in digital innovation and its impact on higher education and professional learning. <https://www.oecd.org/education>

Ethics, Data Protection, and AI in Healthcare

- **European Data Protection Board (EDPB)** – Guidance on data privacy, GDPR compliance, and ethical considerations for digital tools in health and education. <https://edpb.europa.eu>
- **WHO – Ethics and Governance of Artificial Intelligence for Health (2021)** - Global recommendations for responsible development and use of AI in health systems. <https://www.who.int/publications/i/item/9789240029200>
- **EU Artificial Intelligence Act (2024)** - The EU's legal framework ensuring trustworthy and transparent use of AI technologies. <https://artificialintelligenceact.eu>

Digital Tools and Open Learning

- **European Health and Digital Executive Agency (HaDEA)** - Supports EU-funded projects in health, research, and digital innovation. <https://hadea.ec.europa.eu>
- **EIT Health – Digital Education and Innovation Resources** - Offers case studies, online courses, and project examples promoting digital health literacy. <https://eithealth.eu>
- **OpenWHO** - WHO's online learning platform providing free courses on public health, digital health, and emergency preparedness. <https://openwho.org>

Academic and Educational Practice

- **AMEE (Association for Medical Education in Europe)** - Publishes research and practical guidance on innovation, simulation, and technology-enhanced learning in medical education. <https://amee.org>
- **JISC – Digital Capability Framework for Education** - Provides tools and benchmarks for developing digital skills among staff and students. <https://www.jisc.ac.uk/rd/projects/building-digital-capability>
- **European Distance and E-Learning Network (EDEN)** - Network and resource hub for digital learning and open education in Europe. <https://eden-europe.eu>



<https://hybridhealthcareproject.eu/>

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