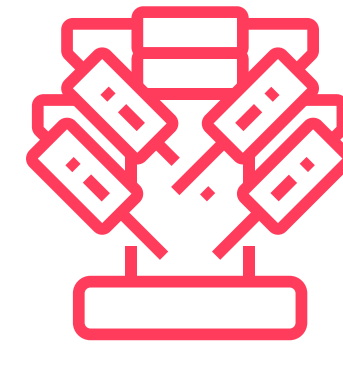




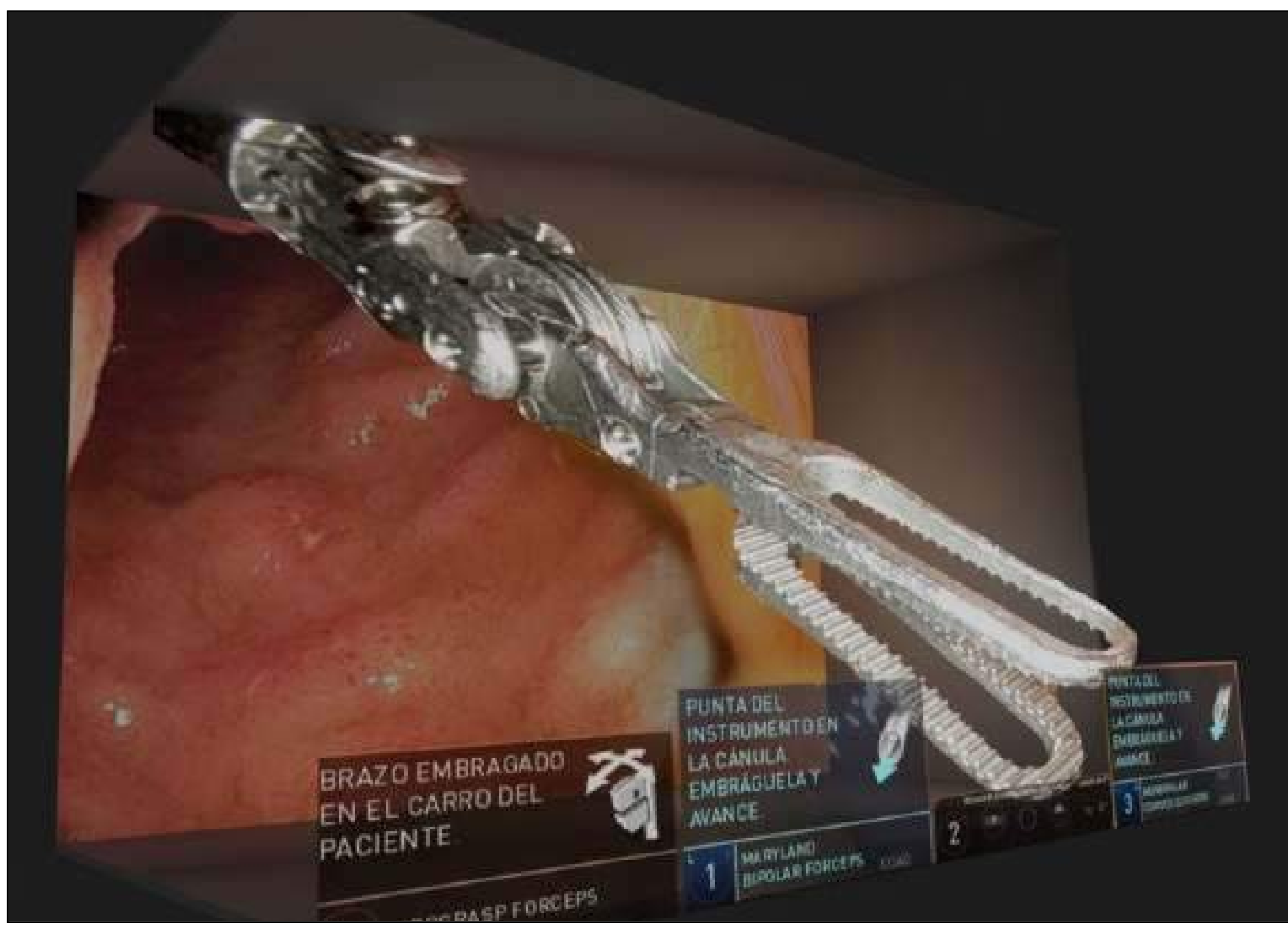
Enhance your **robotic surgery** training with **mSurgery**: Experience true **immersion in the OR**

An innovative **software platform** that revolutionizes **robotic surgery training**

Robotic surgery represents the future of medicine, but training in this field presents challenges that require advanced technological solutions. mSurgery, an innovative platform based on mixed reality (MR), not only facilitates real-time transmission of surgical procedures but also offers an immersive educational experience accessible to students worldwide. With mSurgery, both instructors and students can share a simultaneous 3D vision, whether through virtual reality (VR) headsets or 3D-enabled tablets, enhancing visual learning from the very first interaction with robotic surgeries. Additionally, a 360° camera provides a holistic view of the surgical field, allowing students to fully immerse themselves in the operating room through VR headsets. These exclusive features make mSurgery an indispensable tool that significantly enhances robotic surgery training.



Shared 3D Vision for Comprehensive Training



mSurgery allows instructors and students to experience robotic surgery in 3D simultaneously. Using VR headsets and 3D-enabled tablets, participants can view the procedure from anywhere in the world with the same perspective as sitting at the Da Vinci console. This immersive approach improves students' 3D visual skills and enhances instruction by enabling trainers to highlight and explain key details in real-time.



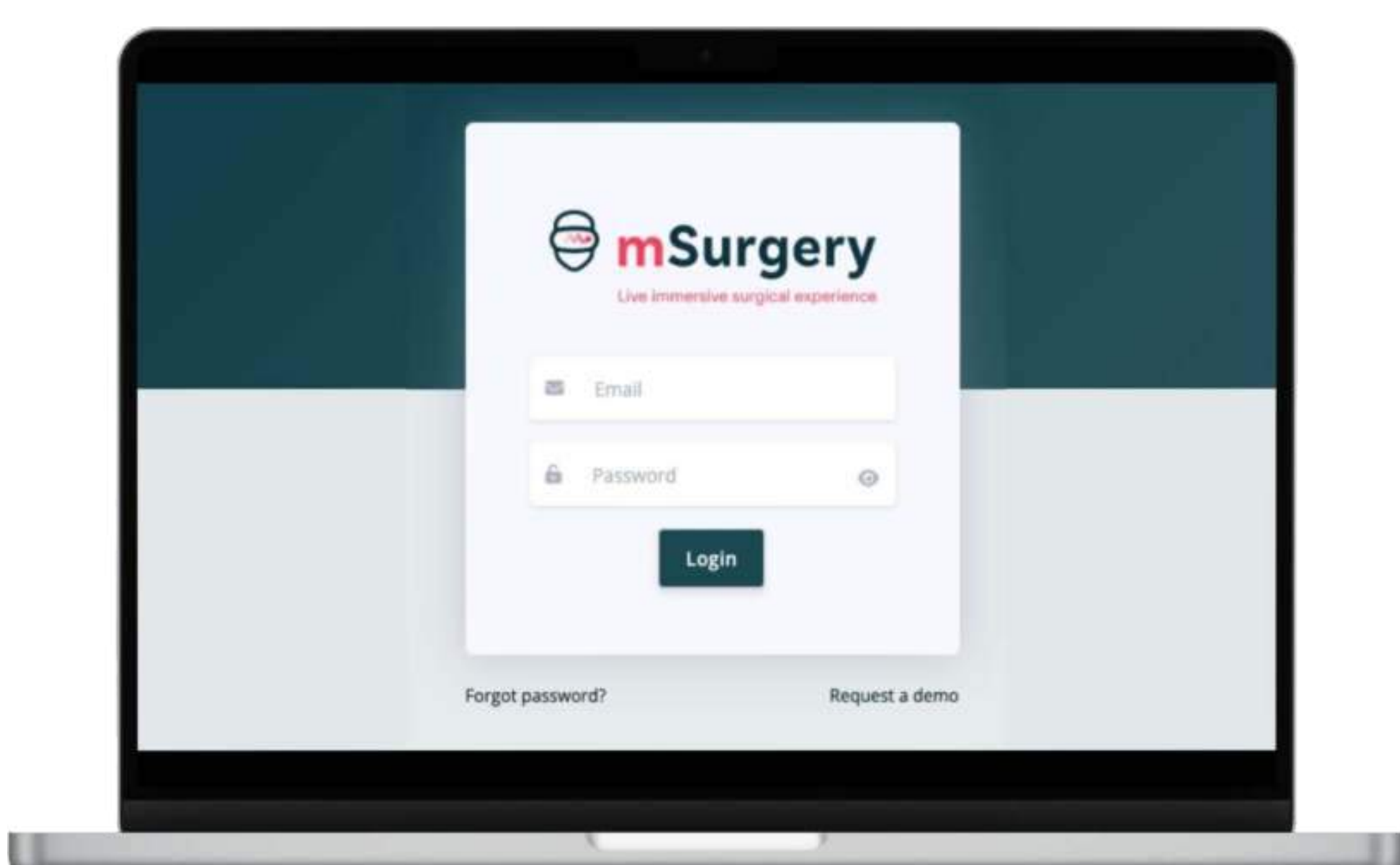
Total Immersion with 360° Holistic Vision



mSurgery's 360° camera provides a comprehensive view of the surgical field, enabling students to virtually "teleport" into the operating room. Using VR headsets, they can explore the environment from any angle, gaining a holistic understanding of team dynamics and ongoing procedures. This immersive feature enhances learning and better prepares students for real-life scenarios with increased confidence and skill.



Integrated eLearning Platform



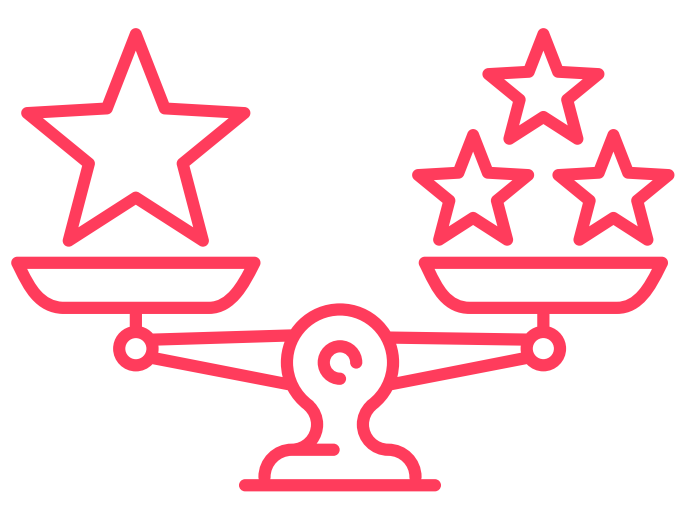
mSurgery is an eLearning platform revolutionizing surgical education by transforming the operating room into an advanced training space. It offers immersive experiences via VR, interactive webinars, and on-demand video content for flexible learning. Trainers can create "master classes" and use assessment tools to track student progress and personalize instruction.

Say Goodbye to Travel:

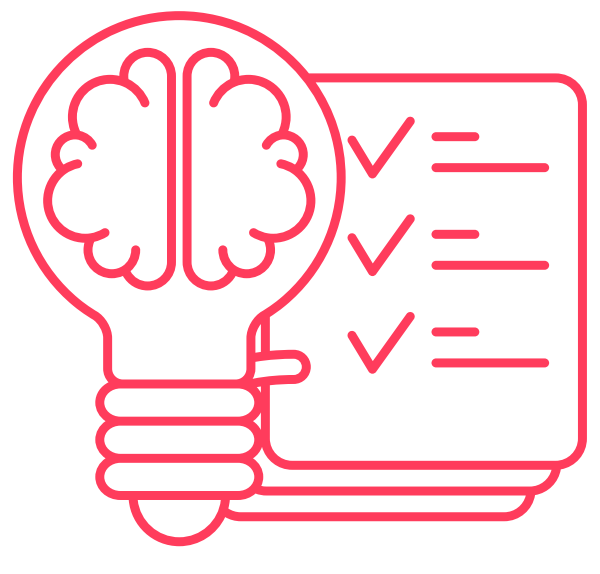
Surgical observation program is now remote

With mSurgery, it is possible to replace most of the traditional in-person surgical observation sessions that are part of robotic surgery training with remote viewing of procedures from the comfort of each student's home. Students will have access to an extensive catalog of surgeries, far beyond the basic interventions typically used in initial training. This catalog will be continuously updated with new cases, techniques, and procedures, allowing students to replay sessions in full, take notes comfortably, and most importantly, significantly enhance information retention thanks to the brain's ability to better remember immersive experiences seen through VR headsets.

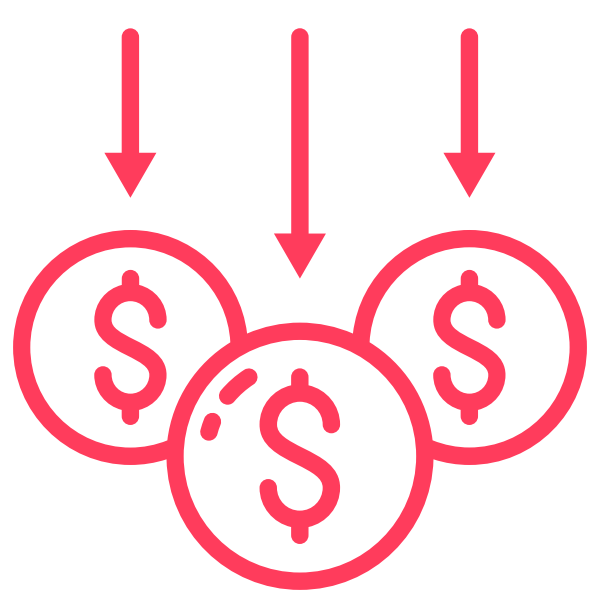
Additional Benefits



Enhanced Training Quality and Quantity: The training is enriched with a greater variety of cases and techniques, providing students with a more comprehensive and advanced education.



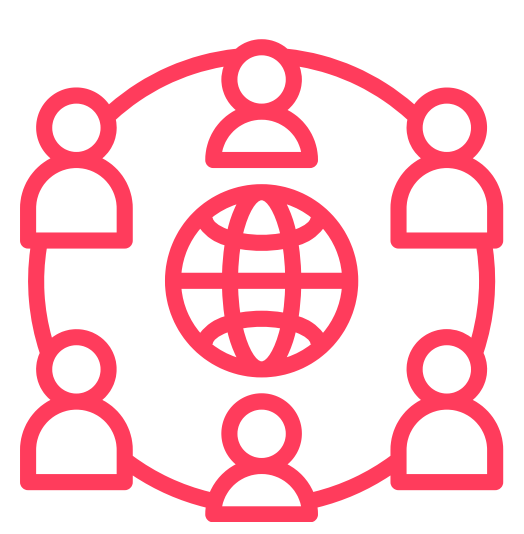
Accelerated Learning Process: The ability to repeatedly access recorded procedures allows students to learn and master surgical techniques more quickly.



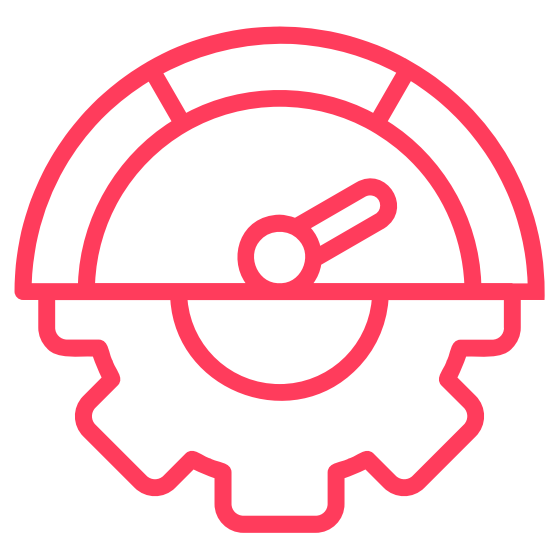
Reduced Financial Investment: By eliminating the need to travel to various operating rooms to observe surgeries, mSurgery significantly reduces the costs associated with robotic surgery training. Students can learn and observe procedures from anywhere, optimizing both time and resources.

For Course Organizers

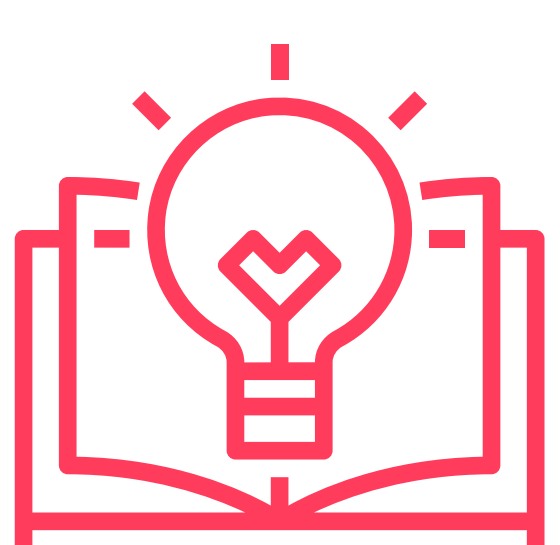
mSurgery is an advanced software, your platform for creating and sharing content



Maximize Your Reach: Turn any operating room into a global classroom. With mSurgery, you can stream surgeries in real-time, both live and recorded, allowing students from different locations to connect and learn without the limitations of distance.



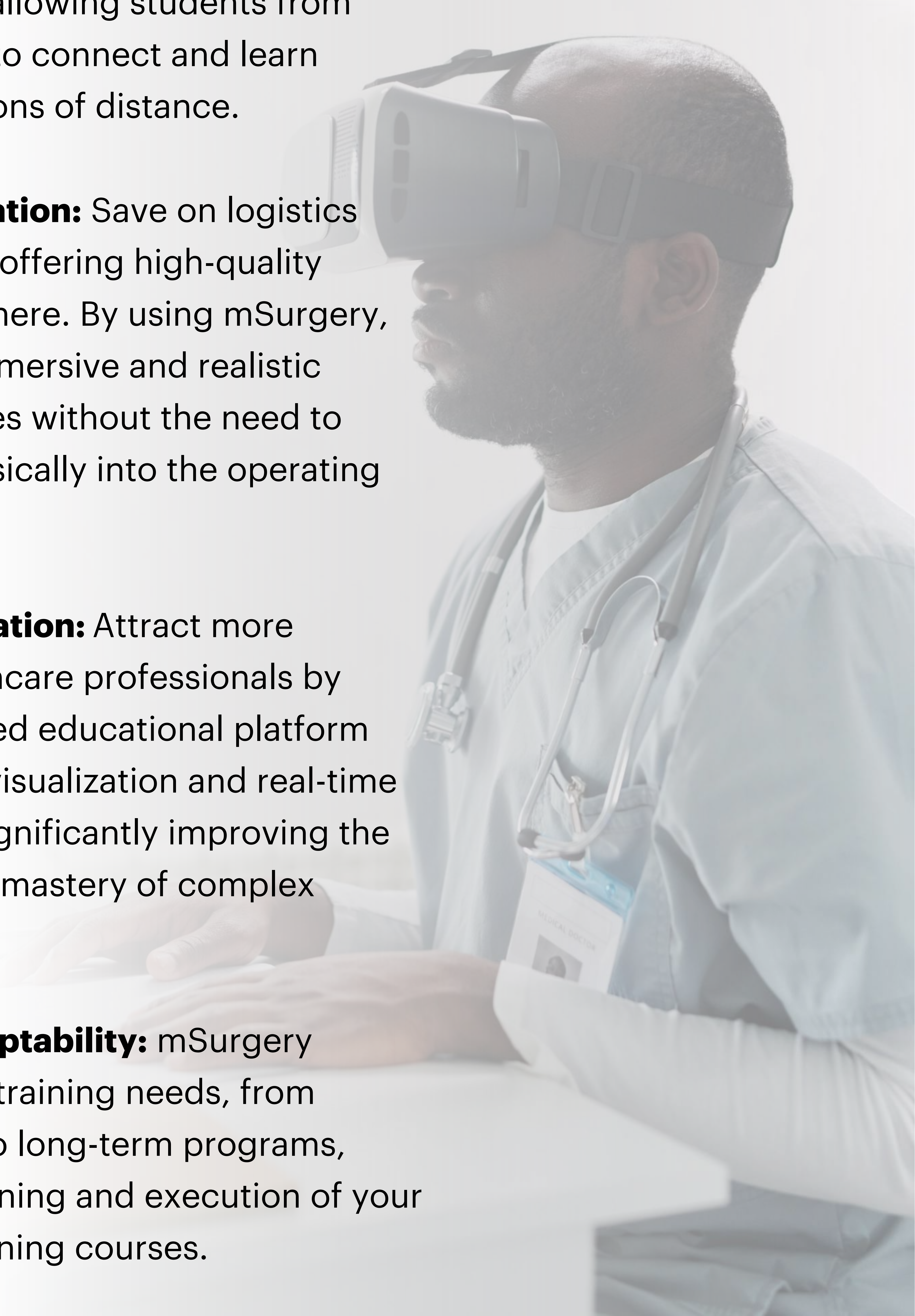
Resource Optimization: Save on logistics and travel costs by offering high-quality training from anywhere. By using mSurgery, you can provide immersive and realistic learning experiences without the need to bring students physically into the operating room.



Educational Innovation: Attract more students and healthcare professionals by offering an advanced educational platform that integrates 3D visualization and real-time annotation tools, significantly improving the understanding and mastery of complex techniques.



Flexibility and Adaptability: mSurgery adapts to different training needs, from intensive courses to long-term programs, facilitating the planning and execution of your robotic surgery training courses.

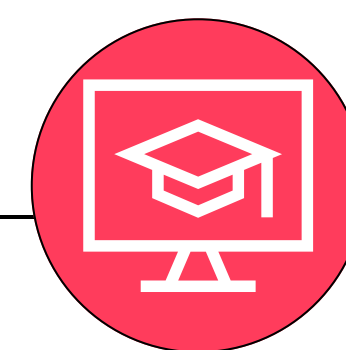


Innovative Knowledge Capture and Transmission



High-Relevance Educational Content

The sessions recorded through mSurgery are not just content; they are a strategic asset that elevates the quality and relevance of educational materials. Being immersive, these resources allow students to "live" the surgeries, providing an experience that simulates presence in the operating room. This format is unparalleled by other teaching methods, offering a depth of knowledge that is impossible to achieve with conventional means.



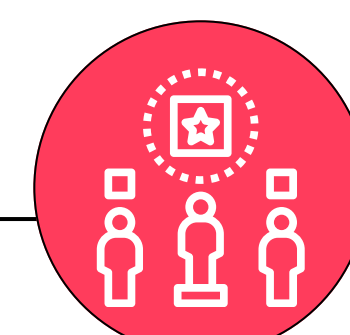
A New Way to Transmit Knowledge

mSurgery's immersive format represents a new era in medical education, where learning goes beyond passive observation. Organizers can offer an educational experience that allows students to actively engage, explore different angles of a surgery, and more fully understand complex procedures. This approach not only improves information retention but also better prepares professionals for real-life situations in the operating room.



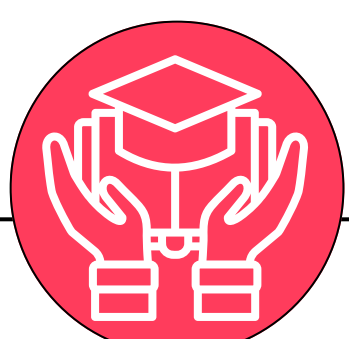
Valuable Know-How Capture

With mSurgery, organizers can capture and store surgical sessions in an immersive format that goes beyond what a book or traditional video can offer. These recordings become invaluable resources that document not only surgical techniques but also critical interactions and decisions in real-time, creating a knowledge archive that can be reused for future training and analysis.



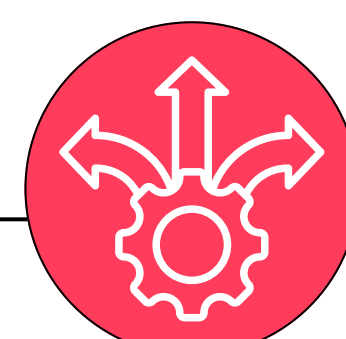
Competitive Differentiation

By incorporating mSurgery into your programs, organizers position themselves at the forefront of surgical education. Offering immersive, high-quality content not only attracts more students but also establishes your institution as a leader in educational innovation, setting you apart from the competition.



Better Use of Educational Resources

The recordings can be reused in multiple courses, shared across different institutions, and used as the basis for case studies, research, or competency assessments. This not only optimizes resources but also amplifies the impact of each educational session.

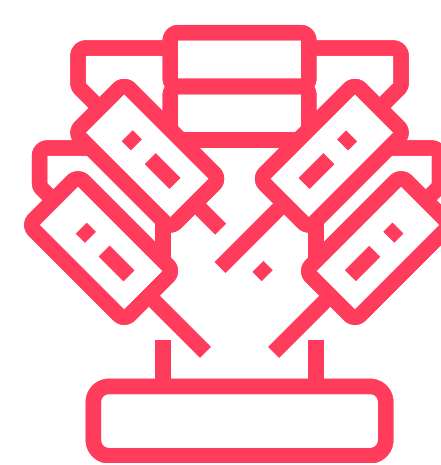


Flexible and Permanent Access

Organizers can offer students permanent access to these recordings, allowing for continuous review and self-paced learning. This is especially useful for those who need to revisit techniques or prepare for specific surgical interventions, providing an educational resource available anytime, anywhere.

For Students

We will access the OR through a remote connection to mSurgery



3D Visual Training

Improve your three-dimensional visualization skills, a crucial ability for mastering robotic surgery, with sessions that train your brain to think in 3D, just as you would in a real surgical environment.





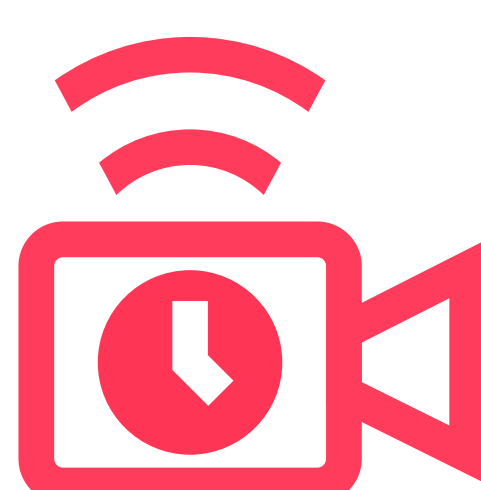
Immersive Learning

Experience education as if you were in the operating room, with access to real-time surgeries and the ability to interact with instructors and other students in a virtual environment.



Global Access

Participate in courses and training from anywhere in the world without the need to travel, reducing costs and allowing you to take advantage of learning opportunities at your own pace.



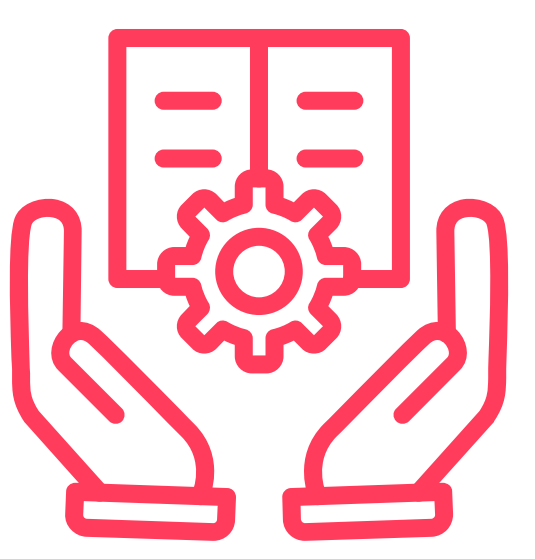
Real-Time Collaboration

Collaborate with surgeons and peers in real-time, with the ability to make annotations and discuss procedures during live transmissions, enhancing knowledge retention and the ability to apply what you've learned.

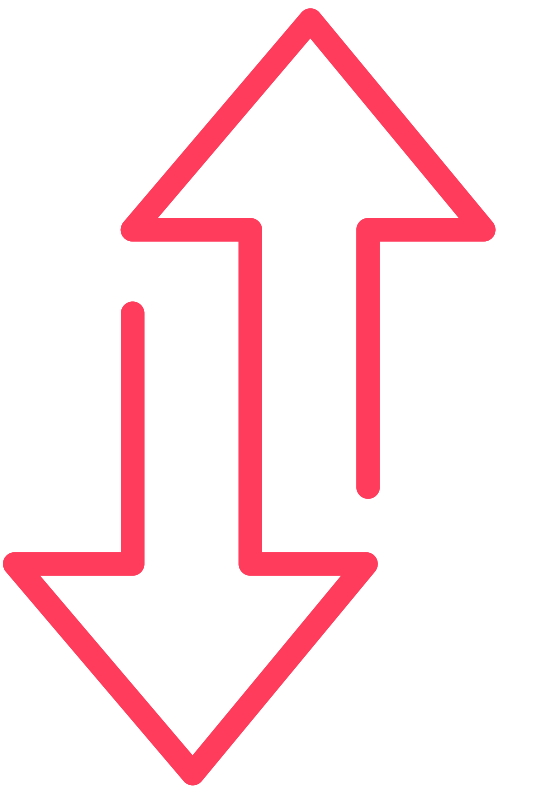


For Professors:

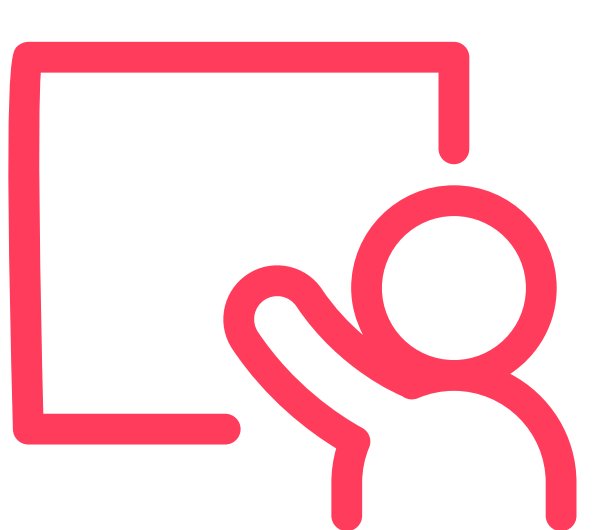
mSurgery is the platform for delivering and recording your masterclasses



Advanced Teaching Tools: With mSurgery, professors have access to innovative tools that allow them to enrich their classes with mixed reality (MR) technology. They can use 3D images, make real-time annotations, and share critical information directly with students during surgical transmissions, improving understanding and knowledge retention.



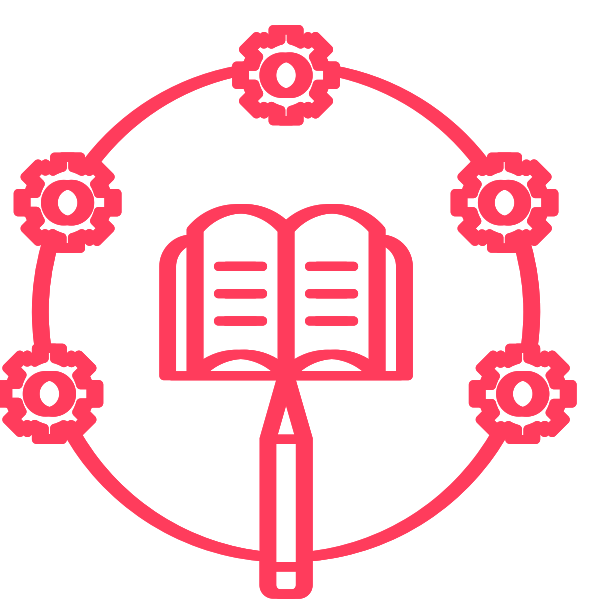
Dynamic and Bidirectional Interaction: Thanks to mSurgery's bidirectional transmission functionality, professors can interact directly with students during live sessions, answering questions, clarifying doubts, and offering immediate feedback. This creates a more interactive and personalized learning environment, even in a virtual setting.



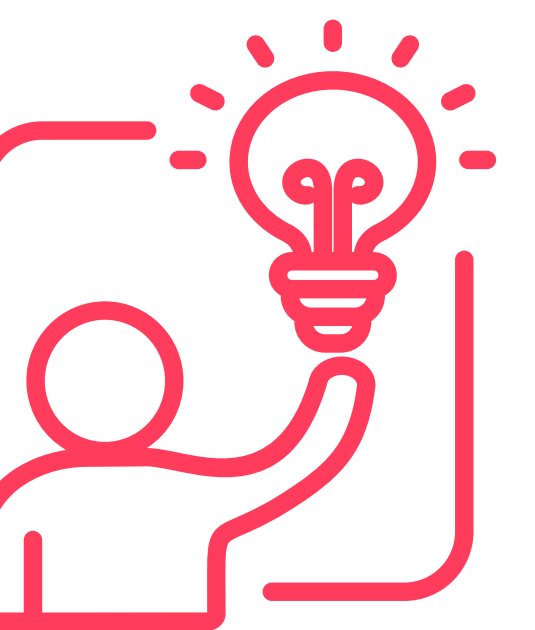
Flexibility in Teaching: Professors can offer their courses from anywhere, eliminating the need to be physically present in the operating room or classroom. This flexibility allows instructors to reach a broader and more diverse audience, regardless of geographical location.



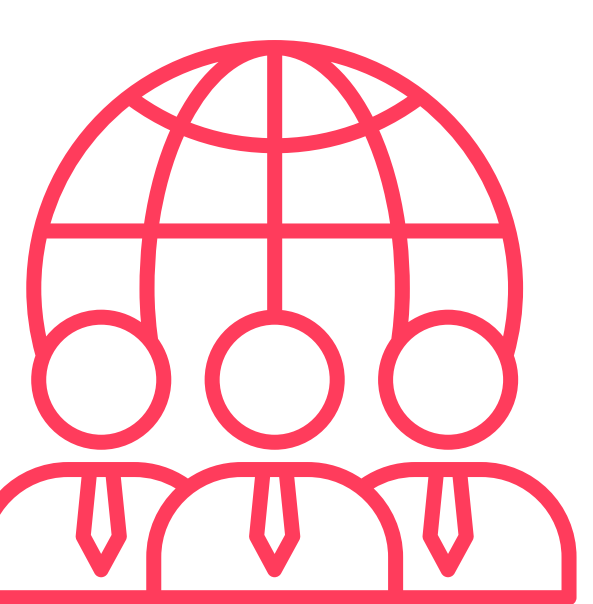
Time and Resource Savings: mSurgery facilitates the planning and execution of courses by eliminating the need to travel, coordinate physical spaces, or manage large groups in person. Professors can focus on what they do best: teaching and guiding the next generation of surgeons in advanced robotic techniques.



Better Control of the Learning Process: The platform allows professors to monitor student progress more effectively, with the ability to review recorded procedures, evaluate annotations, and adjust their teaching methods based on students' specific needs.



Positioning as a Leader in Innovation: By using mSurgery, professors position themselves at the forefront of surgical education, offering a learning experience that integrates the latest technology in the field. This not only enhances their reputation as leaders in robotic surgery education but also attracts more students and professionals interested in receiving high-quality training.



Collaboration with Other Professionals: The platform facilitates collaboration with other instructors, experts, and surgeons worldwide, enabling the sharing of knowledge, techniques, and best practices. This collaboration can enrich course content and offer students a global perspective on robotic surgery.

Advanced Telementoring:

Continuous Support Every Step of the Way

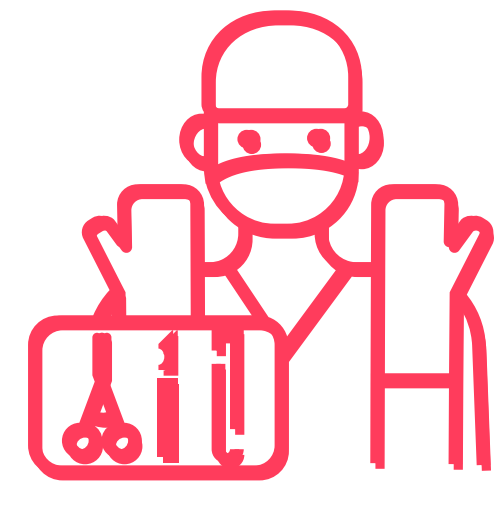


For Students



Expert Support in Critical Cases:

With mSurgery, students not only receive training during their courses but also have the possibility of being telementored in their own hospitals, as long as they have the platform installed in their operating rooms. This support is crucial during the first cases and in complicated procedures, providing the peace of mind of having an expert guide them in real-time.



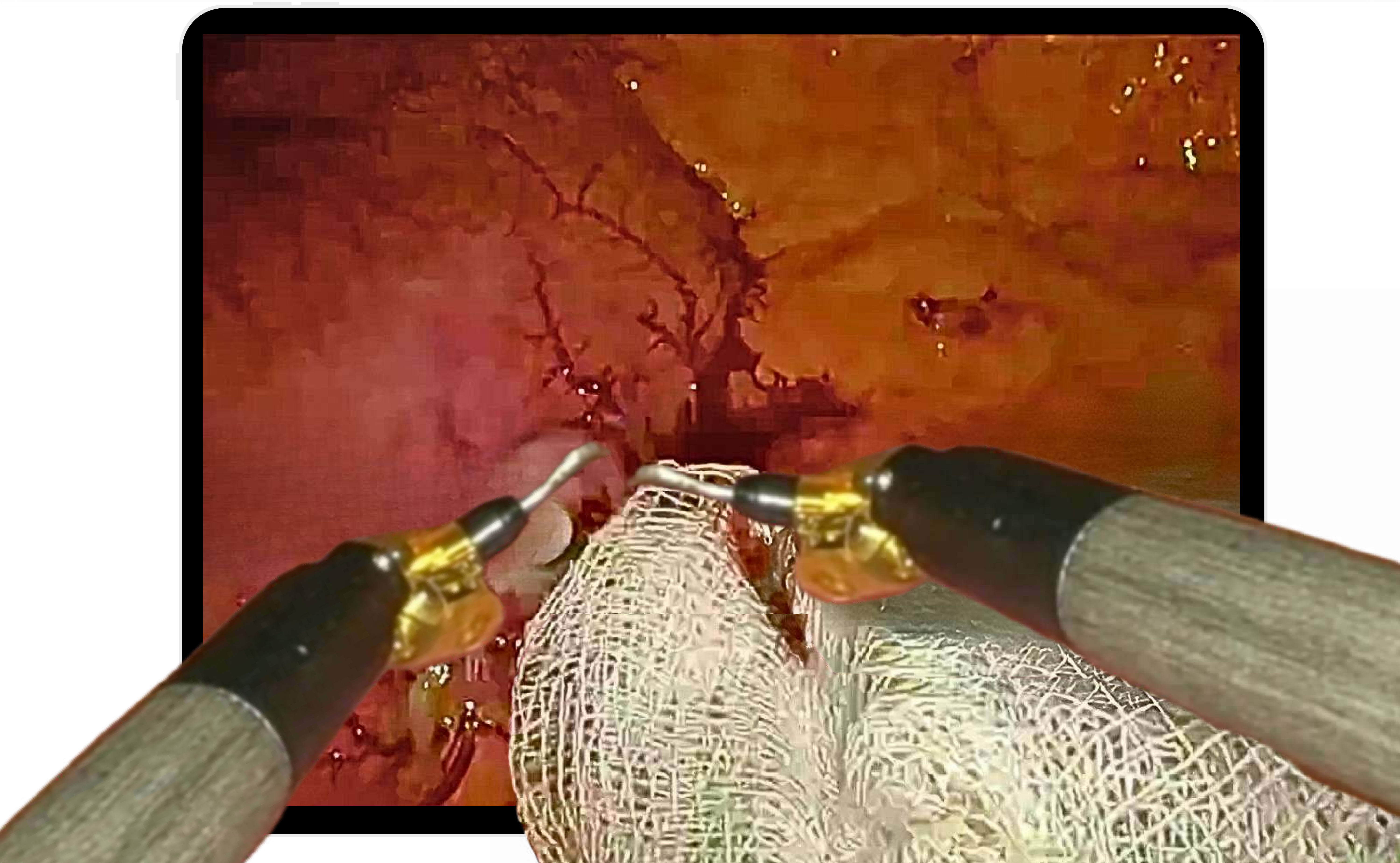
Personalized Learning in a Real-World Context:

Telementoring allows students to apply what they have learned in a real-world setting, with the confidence of knowing that an experienced instructor is available to provide guidance and resolve doubts during surgery. This advantage enhances students' confidence and competence when facing challenging surgical procedures.



Error Reduction and Improved Outcomes:

Access to real-time telementoring helps reduce errors during procedures, significantly improving surgical outcomes. Students benefit from the direct experience and advice of their instructors, allowing them to learn and adapt on the go.

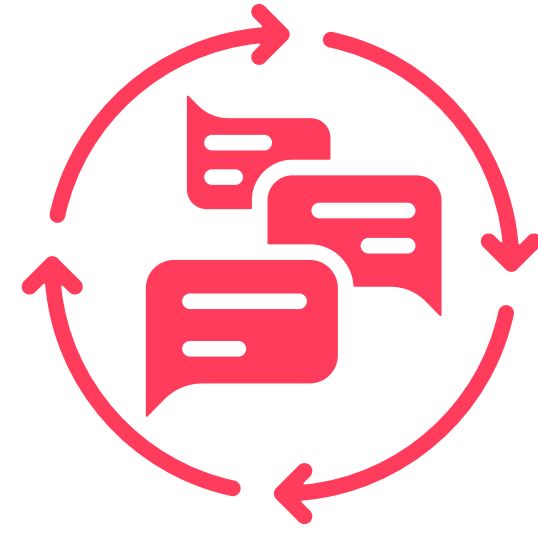


For Professors



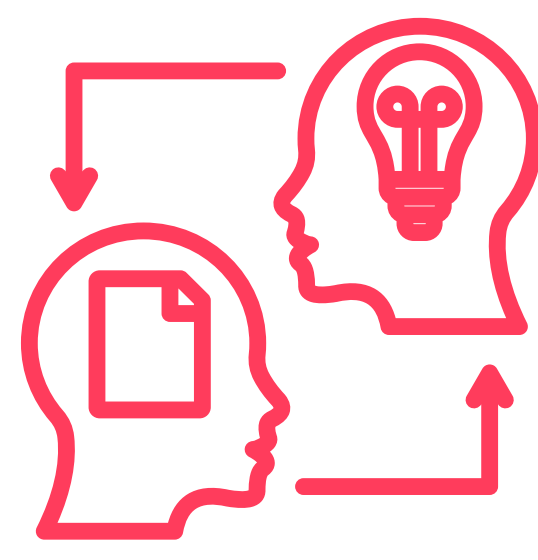
Extending the Educational Role Beyond the Classroom

Telementoring allows professors to continue supporting their students even after formal courses have ended. By offering remote guidance during the first surgical cases, instructors can ensure that their students are correctly applying the techniques they have learned and adapting to new situations.



Real-Time Monitoring and Evaluation

Professors can monitor live procedures from anywhere, offering immediate feedback and making interventions when necessary. This not only ensures a high level of patient care but also allows instructors to more accurately assess student progress.



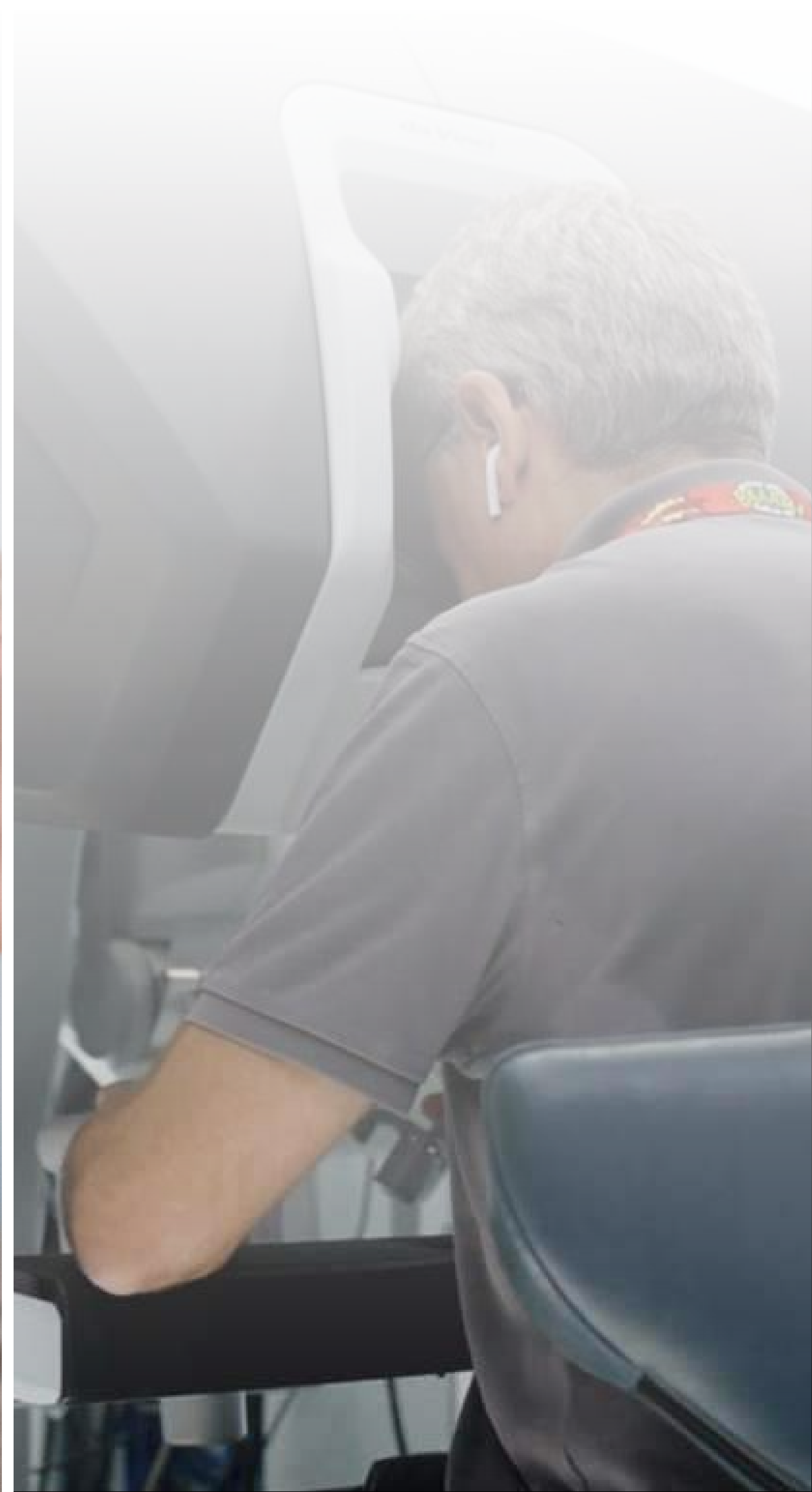
Facilitating Knowledge Transfer

The ability to telementor reinforces the learning process, allowing professors to share their experience and knowledge in real-time. This is especially useful in complex cases, where expert guidance can make a significant difference in surgical outcomes.



Strengthening Teacher-Student Relationships

By being available for telementoring, professors can build stronger and longer-lasting relationships with their students, based on continuous support and collaboration. This extended connection fosters a solid professional network and an enriched learning environment.



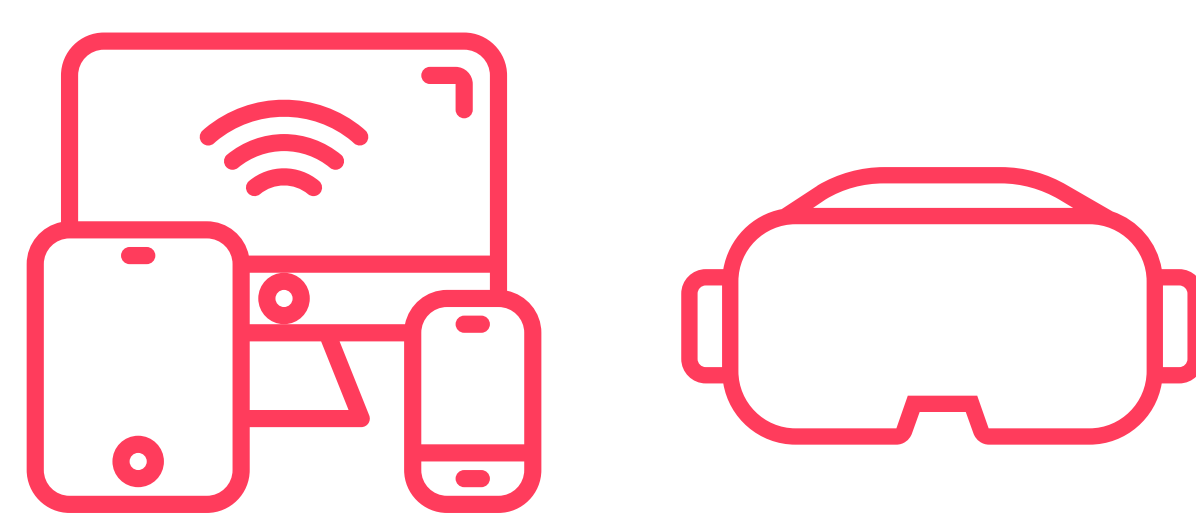
Flexible and Adaptable SaaS Model

mSurgery is a software-as-a-service (SaaS) platform offered under a flexible subscription model or on an event-based basis for use in surgical training. The software implementation in the operating room is straightforward and customizable, whether on a temporary or permanent basis, enabling real-time transmission of surgeries in a multi-camera, fully holistic format.



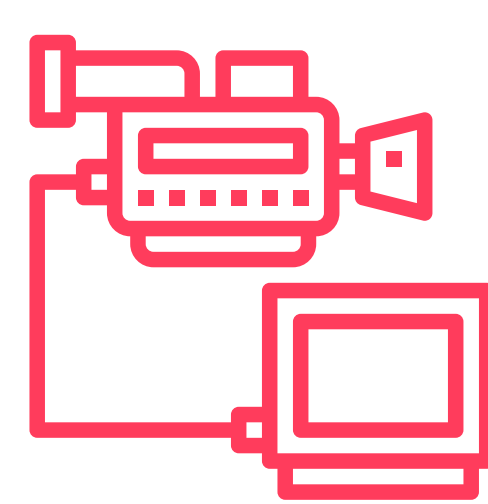
Adaptable Implementation and Equipment

Course organizers have the option to use their own specialized hardware, which can be easily transported from one operating room to another. This equipment includes solutions like mSCart, mSKit, and mSXR, designed to facilitate the development of surgical sessions in various environments. Alternatively, organizers can establish agreements with operating rooms that already have mSurgery implemented, giving them access to equipped facilities worldwide and the ability to virtually "teleport" their students into these operating rooms.



Immersive and Multiplatform Access

Students can immersively access surgical sessions from any electronic device with a web browser, without the need to install additional applications. This includes computers, tablets, mobile phones, and of course, commercial VR headsets like Metaquest, Apple Vision Pro, Pico, among others, for a fully immersive experience.



Comprehensive Transmission and Recording

mSurgery transmits and records all available video and audio sources in the operating room, allowing full session playback indefinitely. This not only facilitates subsequent review and study but also creates a valuable archive of surgical procedures that can be used for future courses and educational references.

