

OLYMPUS

MedPresence

Expanding Your Clinical Care Team Virtually



The Future of Surgical Collaboration

What Is Telementoring?

Real-time access to clinical consultations, technical support, training, clinical education and best practices are more important than ever before, but physically bringing experts into a procedure room is not always possible, feasible or desirable.

Surgical telementoring is intended as a complementary measure for the experts providing guidance to a less experienced learner from a remote location. By using information and knowledge technologies without directly controlling the surgery locally, experienced mentors help surgeons develop their surgical skills to a greater level of proficiency for complex surgeries.

“[...] 78.6% [of asked surgeons] felt that telementoring would be useful to their practice [...]”⁴



Connecting Your Clinical Care Teams Within and Beyond the Hospital Walls

Proven Benefits of Mentoring Virtually

“ Perceived benefits of surgical telementoring include improved surgical exposure, increased extent of tumor resection [...]”¹ ”

“ Telementoring may be an effective means of improving adoption of new surgical techniques, ultimately improving patient care.”² ”

“ MedPresence enabled me swap between images from multiple sources with complete spatial and situational awareness, without any significant lag or delay in communication.”³ ”

Dr. Vitor Mendes Pereira (Toronto, Canada)

“ [...] 78.6% [of asked surgeons] felt that telementoring would be useful to their practice, and 69.8% thought it would benefit their hospitals [by] [...] learning new techniques (46.5%) [and by giving] intraoperative assistance with unexpected findings (39.0%).”⁴ ”

“ Lower exposure rates by enabling experts to consult virtually: Opening the door of the operating room is associated with increased environmental contamination.”⁵ ”

“ It has been shown that telestration-supplemented guidance may reduce the duration of the telementored session by more than 30%.”⁶ ”

“ [...] due to its shorter surgery time and shorter hospital stays, the use of mentoring is anticipated to be more economical.”⁷ ”

¹ <https://pubmed.ncbi.nlm.nih.gov/27010229/>

² <https://pubmed.ncbi.nlm.nih.gov/26698191>

³ <https://jnis.bmj.com/content/early/2020/12/20/neurintsurg-2020-017053>; Emanuele Orru', Miklos Marosfoi, Neil V Patel, Alexander L Coon, Christoph Wald, Nicholas Repucci, Patrick Nicholson, Vitor M Pereira, Ajay K Wakhloo

⁴ <https://www.ncbi.nlm.nih.gov/pubmed/27444835> Glenn IC., Bruns NE., Hayek D., Hughes T., Ponsky TA. – 21 July 2016

⁵ <https://doi.org/10.1016/j.ajic.2018.03.005>

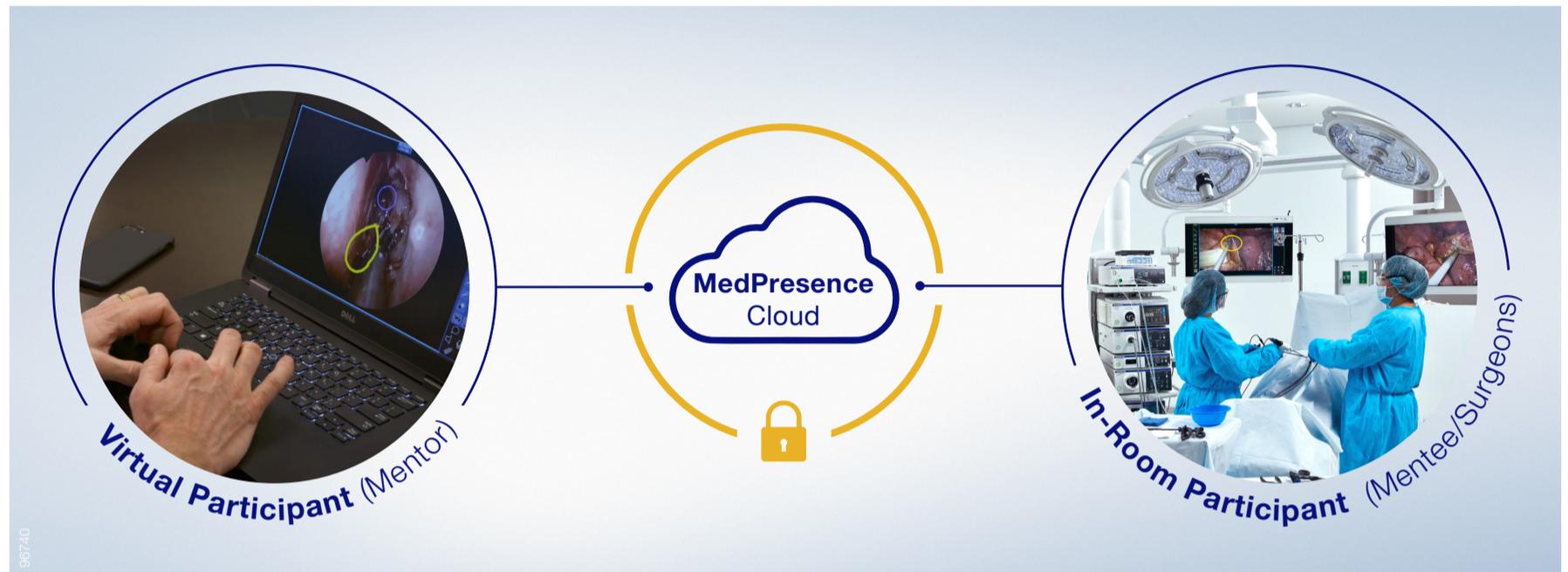
⁶ <https://www.sages.org/publications/guidelines/educational-implications-for-surgical-telementoring-a-current-review-with-recommendations-for-future-practice-policy-and-research>

⁷ <https://scielo.conicyt.cl/pdf/abioeth/v24n2/1726-569Xabioeth-24-2-00167.pdf>

Welcome to a World of Expertise

Secure Live Telementoring

MedPresence is an enterprise telecollaboration solution that enables teams to quickly bring needed expertise into a procedure space from across the organization, around the world, and at any time virtually.



Clinical Benefits



- **Improve health outcomes** with expertise sharing and rich collaboration.
- **Optimize infection control** by limiting the number of experts in the procedure or operating room.
- Share live or saved MedPresence sessions for teachable moments.
- Provide an immersive experience with **two-way audio, video and telestration.**

Economic Benefits



- Enable new collaboration models resulting in **efficient problem-solving** and **increased productivity.**
- **Reduce liability and costs** associated with patient infection and longer lengths of stay by limiting number of individuals in the operating room.
- **Minimize travel costs** for subject-matter experts needed in complex procedures.
- Gain **access to technical support** virtually and reduce operating room downtime.

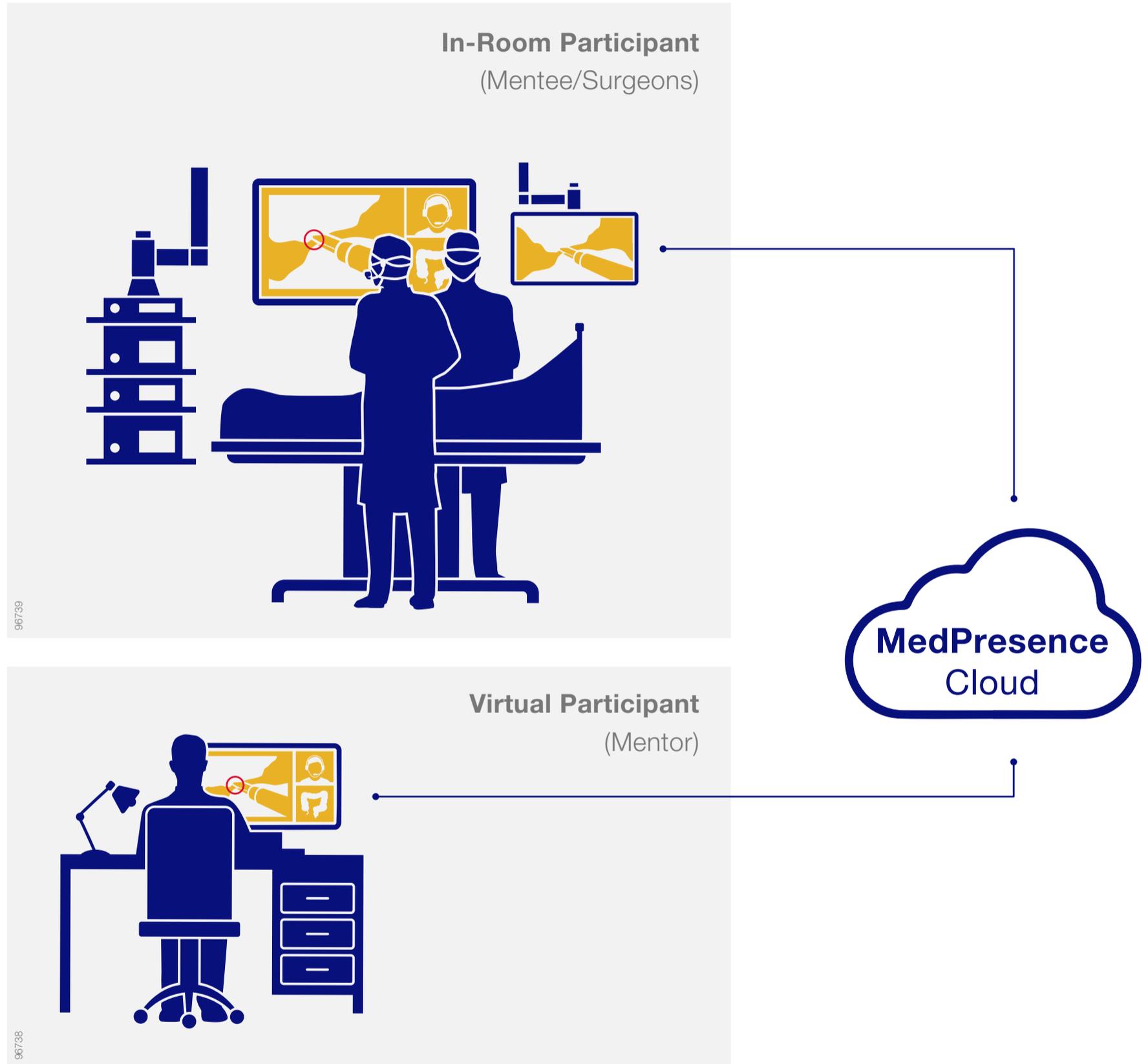
Security Benefits



- Safeguard the integrity of sensitive information with encrypted video streams and secure storage.
- **Invite remote experts securely** in and keep unauthorized users out.
- Rest assured the technology has been tested by industry experts—Black Hills Information Security—to help **protect against unauthorized access and use of information.**

Expand Your Clinical Care Team Virtually

The Clinical Workflow



96739

96738

Manufactured by Gyrus ACMI, Inc. 9600 Louisiana Ave. North Brooklyn Park, MN 55445, USA.
Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.
Olympus is a registered trademark of Olympus Corporation, Olympus America Inc., and/or their affiliates. | Medical devices listed may not be available for sale in all countries.