

Remote Presence Technology

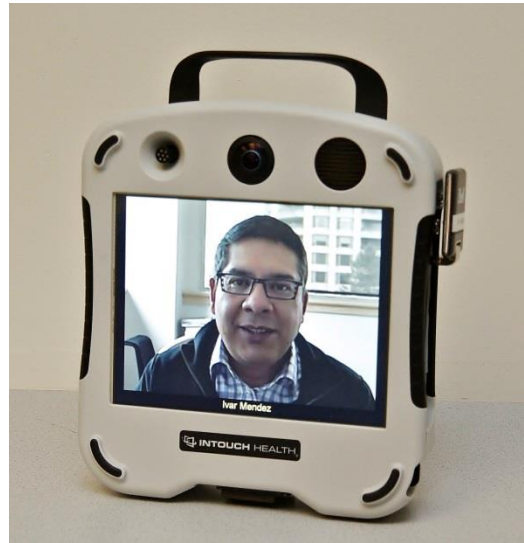
About Remote Presence Technology

- Remote presence technology is an advanced robotics device that enables healthcare professionals to provide real-time clinical services remotely, providing the sense that they are “present”.
- The technology consists of mobile robots and portable hand held devices.
 - Both types have high resolution cameras and video, and can connect to multiple peripheral diagnostic devices such as stethoscope, dermatoscope (tool for examining skin for early diagnosis of melanoma), electrocardiograph (tool for detection and diagnosis of heart abnormalities) or ultrasound equipment.
 - The mobile robots are typically used in health care facilities or surgical operating rooms. The robot can be controlled for direct visualization, examination and diagnosis of the patient, as well as communication with local healthcare professionals and family members.
 - The robot is about the size of an adult with a height of 165 cm, has a charging dock and an eight-hour rechargeable battery, and can be driven remotely by the clinician to the location of the patient.
 - The portable device (often called “doc-in-a-box”) is the size of a laptop and can be taken to patients’ homes or bedside, sites of trauma, ambulances or wherever the patient is located.
- The healthcare provider can connect remotely with both types of technology from anywhere using a laptop and a secure wireless network.
- Diagnostic information gathered at the point of care is transmitted in real time to the healthcare provider’s laptop.

RP-7i Robot



Portable device (“doc-in-a-box”)



Remote presence technology benefits

- Helps address distance and time barriers in providing health care services in rural and remote areas.
- Offers increased and timely access to a broader range of health services, including specialist care.
- Reduces the need for costly patient transportation out of the community for medical services.
- Increases patient and family quality of life by facilitating medical care in patients' own community.