

HOSPITAL INTRODUCTION: CLINICS & TECHNOLOGY HOSPITAL CLINICO DE LA UNIVERSIDAD DE CHILE.

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Introduction of clinics/surgery/endoscopy profiles

- The Clinical Hospital of the University of Chile is a university center, which forms a large number of specialists and subspecialists in our country.
- By definition, the doctors who work there are university professors and must participate in an academic career.
- Currently has 15 gastroenterologists who work between 11 and 44 hours per week in the hospital
- The endoscopy unit has 5 endoscopy rooms, three olimpus, with endoscopes 180 and two Fuji with magnification and FICE.

Introduction of clinics/surgery/endoscopy profiles

- Approximately 35 endoscopies and 12 colonoscopies are performed daily.
- We currently have 10 gastroenterology scholars, 5 freshman and 5 second year.
- The training in endoscopy has a theoretical course with daily classes for 2 weeks, and a practical rotation of 6 months, which is distributed during its 2 years of training.
- All the scholars participate in a theoretical-practical training activity organized by ACHED.

medical needs for telemedicine

- The difficulties include:
 - Time limited for Endoscopy.
 - Bureaucratic difficulties to get supplies.
 - Lack of cleanliness of the stomach and colon preparation.
 - Only three of the gastroenterologists use chromoendoscopy and Magnification
- It would be desirable:
 - Telemedicine in native language, with translation.
 - Online course for teachers and scholars with evaluation, where the most important points in the detection of incipients are highlighted.

Hospital Telemedicine resource

- 2 people dedicated to telemedicine (1 for technical, 1 for organization)
- Dedicated connection of 10 Gbps to REUNA and Central Service UChile
- 1 Telemedicine room with TV 4K 86", HD Camera, wireless microphones and dedicated computer (connected 1 Gbps)
- Experience using Vidyo in REUNA/TEMDEC, Zoom, Skype Business, Cisco WebEx, H.323 Cisco/Polycom, BigBlueButton
- Experience teleconferences with Red Minsal using Vidyo REUNA



Hospital Telemedicine resource

- Participation in:
 - TEMDEC Gastroenterology Latin-American Teleconference
 - Running 5 telemedicine projects (Telepathology, Palliative care telecommittee, Telegenetic, Telerehabilitation of Stroke and Tele psychiatry of Children)
 - Developing 3 telemedicine projects – Teleradiology, teleophthalmology and telecardiology (close to start operation)
- Some locations of Hospital have slow connection (only WiFi or 100 Mbps backbone)
- We need a 360° microphone for special meetings

