

HOSPITAL INTRODUCTION: CLINICS & TECHNOLOGY



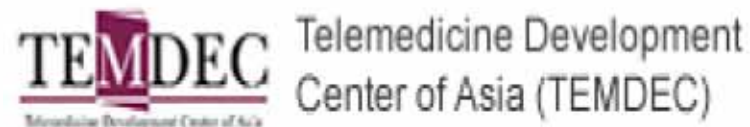
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CLINICA ALEMANA SANTIAGO



**CLINICA
Alemana®**

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Outline

- Clínica Alemana is a private Hospital
 - More than 420 staff physician
 - Wide range of specialties
 - High complexity care (ICU, Trauma, Transplant, Robotic surgery, Newborn care, Neurosurgery, Cardiac surgery, Interventional Radiology, Oncology)

Outline

- Gastroenterology Unit:
 - Inpatient and outpatient care
 - Endoscopy Unit (Upper endoscopy, colonoscopy, ERCP, EUS, Enteroscopy, videocapsule, endoscopic therapy)
 - Digestive Physiology Unit (pH impedanciometry, High-resolution manometry, Breath tests)
 - Undergraduate and postgraduate teaching
 - Low volume of investigations
- Staff: 23 Gastroenterologists, 4 Surgeons performing endoscopy, 6 pediatric Gastroenterologists

Outline

- **Gastroenterology Unit:**

- **Inpatient:**

- Patients / year
 - Stay average 3,5 days

- **outpatient care**

- Patients / year

- **Endoscopy Unit**

- 15000 procedures / year



medical needs for telemedicine

- Existing telemedicine set-up and activities
- Clinical meeting: every Monday, 8:00-9:00am
 - Connected to Clínica Alemana Temuco (near 700 km) with images and audio. It is possible to interact, make questions and answers.
 - Connected to Hospital Padre Hurtado (Santiago city) in the same way.
- Visiting Fukuoka and learnt about telemedicine: 2 staff (2014 and 2017)

medical needs for telemedicine

- Participation in APAN -Teleconference in 2013



STRUYENDO PUENTES EN GASTROENTEROLOGÍA

medical needs for telemedicine

- Participation in APAN teleconferences in 2014, outside of Clínica Alemana



medical needs for telemedicine

- Participation in APAN teleconferences in 2015, 2016 and 2017 in our facilities

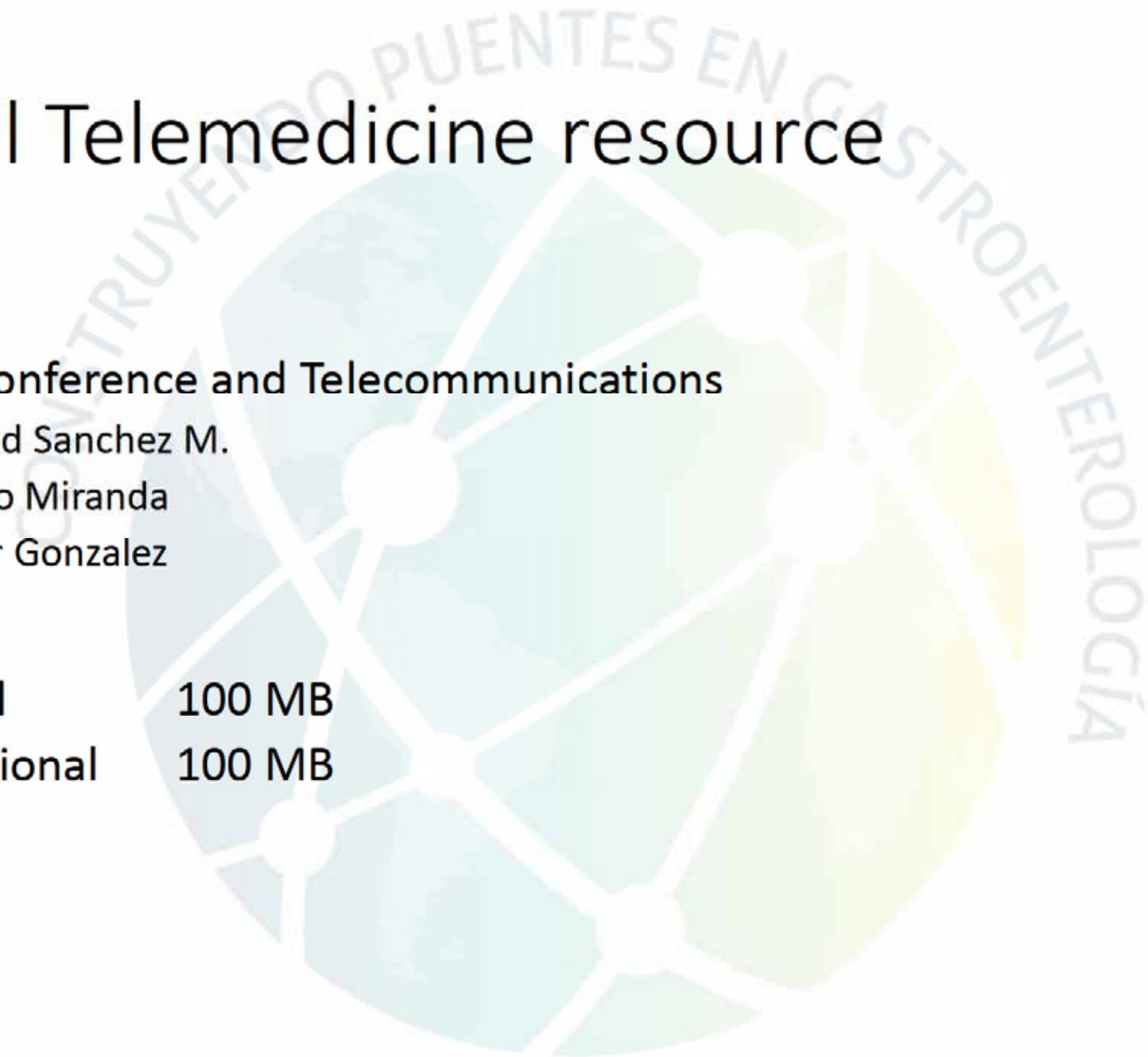


medical needs for telemedicine

- Future plans:
 - Continue improving in quality of transmissions
 - Offer our meeting to Hospitals without clinical meetings.
 - Expand network, with our postgraduates. Continue education.
 - Organize Courses and Conferences with Telemedicine as a partner. Expert don't need to travel.

Hospital Telemedicine resource

- staff
 - Video Conference and Telecommunications
 - Harold Sanchez M.
 - Sergio Miranda
 - Cesar Gonzalez
- internet
 - National 100 MB
 - International 100 MB



Hospital Telemedicine resource

- equipment set-up
 - 4 Equipment Polycom
 - 4 Equipment Huawei

New Telemedicine Equipment



New Room Telemedicine



Hospital Telemedicine resource

- experience

- **Connectivity between Clinica Alemana and Abroad**

- MD Anderson Cancer Center (Oncologia y Urologia)
 - Kyushu University Hospital (TEMDEC)
 - Curso Online de Harvard School of Public Health: Principles and Practice of Clinical Research
 - BCSI International Preceptorship – Harvard
 - MINSAL (The Ministry of Health of Chile)

Hospital Telemedicine resource

- current problems
 - Problems with H-323 / SIP calls through our Video Conference Provider
- expectation
 - Calls from new End Points to Video Conferences
 - Change of Video Conference Provider

