



HOSPITAL INTRODUCTION: CLINICS & TECHNOLOGY

Hospital Militar de Santiago

Dr. Raúl Araya and IT Engineers Hernán Pimentel





HMS Telemedicine Resources and Problems

Medicine:

- Hospital: 380 beds (all specialties)
- Gastroenterology and Endoscopy (without experience)
 - Current situation:
 - Staff: Gastroenterologists, surgeons, nurses and technicians
 - Fuji: Video Systems- GI Endoscopy with FICE- BLI and LCI
 - Patients and Clinical cases
- Others (with experience)
 - **Synchronous** and Asynchronous telemedicine
 - Dermatology (dermatoscope) , traumatology, psychiatry and medical urgency

HMS Telemedicine Resources and Problems

- **Current situation:**

- No long term planification (HMS)
- No specific budget for special projects in Telemedicine
- Even though, in the last five years, there was several successful cases
- There's a dedicated outpatient schedule for remote patients

- **Staff:**

- There's no dedicated staff to this kind of projects
- Assigned IT professionals as they're needed

HMS Telemedicine Resources and Problems

- **Internet**
 - Private network
- **Equipment set-up**
 - IT infrastructure
 - Video conference local server
 - Video conference stations
 - Clinical equipments
 - Dermatoscope
 - X ray equipment connected

HMS Telemedicine Resources and Problems

- **Experience:**

- Medical Specialties covered today
 - Psychiatry
 - Dermatology
 - Adult Urgency Service with the Antarctic base

Future plans

Expand its application in the digestive diseases

1. Telediagnosis
2. Teleconference:
 Medical meetings to obtain second opinions
- 3.- Remote monitoring
6. Digital data storage or medical records
7. Distance classes