

# HOSPITAL INTRODUCTION: CLINICS & TECHNOLOGY

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Hospital  
Curanilahue | Dr. Rafael Avaria



# Introduction of clinics profiles.

- Arauco province hospital. Medium complexity. Pop. >14year: 134.000
- 1 Endoscopy/colonoscopy room.
- 1 Gastroenterologist (2 days a week). 1 Nurse, 3 trainend assistants (TENS).
- Diagnostic Endoscopy/colonoscopy.
- Therapeutic endoscopy: Polypectomy, EMR, PEG, sclerotherapy.
- 1.100 procedures/year.

# Medical need for Telemedicine

- Actual telemedicine:
  - Internal medicine consultant.
  - Teleconference to primary care physicians.
  - Medical interview.
- Need:
  - In gastroenterology/endoscopy: Improve patient referral for endoscopy/colonoscopy. Improve patient surveillance: Gastric ulcer, Barrett, preneoplastic lesion. Improve the global care of patients with gastrointestinal disease.
- Plans:
  - Gastroenterology consultant; Interviews; Reference protocol; Improve continue medical education.

# Hospital Telemedicine resource

- Internet
  - Minsal Entel Network(Radio) 100 MB
  - Contingency network (Telephone, Fiber Optics) 100 MB
  - Satellite link Contingency VSAT 2MB
  - Vlan Conference video
  - Illuminated Clinical Services WiFi with 4 Access Point



# HOSPITAL TELEMEDICINE RESOURCE

## Equipment:

- DMT Advanced (MDX8000)
- CMA Codec (Hdx7000)
- CMA Desktop(4 licenses)
- Cisco Jabber (3 licenses)



# Hospital Telemedicine resource

current problems:

- Connectivity problems
- Availability of Video Conferencing Equipment
- Gap Equipment
- TIC Human Resource Deficit

Expectation:

- Decrease equipment gap
- Video conference room
- Equipment update

