

# HOSPITAL INTRODUCTION: CLINICS & TECHNOLOGY



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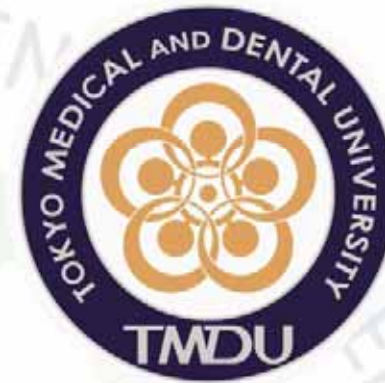


AÑO	INSTALACIONES	PROFESIONALES MÉDICOS	CAMAS HABILITADAS	PABELLONES
2016	224.031 m2	820	338	18

To date, 338 beds and 18 Surgical pavilions enabled. • During 2016, 83,722 bed days were recorded. In addition, 19,020 surgical procedures were performed. 640,811 medical consultations distributed in the different medical specialties offered by Clínica Las Condes. Approximately 1,633,216 laboratory exams, 247,781 radiology exams, 460,886 procedures.

## Experience

- International collaboration program  
TOKYO MEDICAL AND DENTAL UNIVERSITY (2010)



- International collaboration program  
Johns Hopkins Medicine International



- Monthly meeting of the intensive pediatric branch
- Presentations of international guests to courses and conferences through videoconferences
- PRENEC Program (october 2012)



# PRENEC (Colorectal cancer screening program)

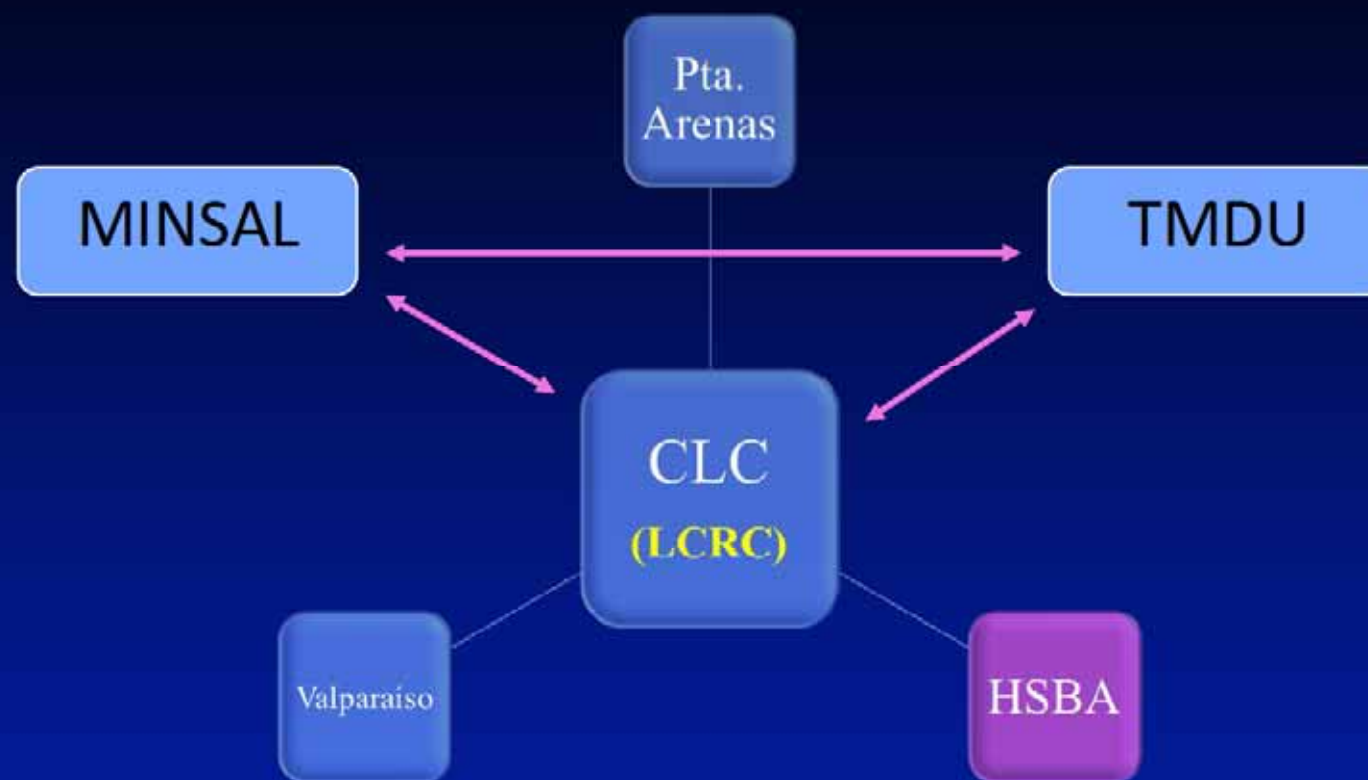
(July 2009)

## Agreement



To reduce colorectal cancer mortality rate in Chile

# PRENEC



- Protocolized activity
- Health professional training
- Endoscopic and surgical support
- Data base
- Continuous medical education

**Endoscopy training center**

# Monthly teleconference

Started in october 2012 (more than 38 TC)



1. To discuss complex endoscopy complex cases
2. To discuss pathological complex reports
3. To analyze the endoscopy quality indicators among centers
4. To define the best follow-up
5. To update the center indicators

## SM1 cancer: "de novo" cancer

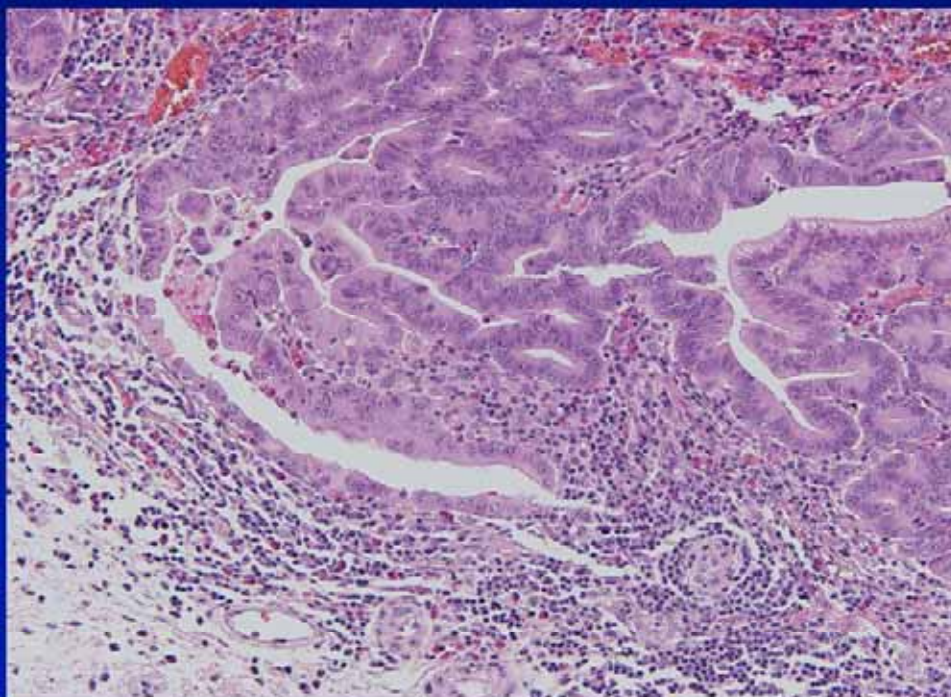
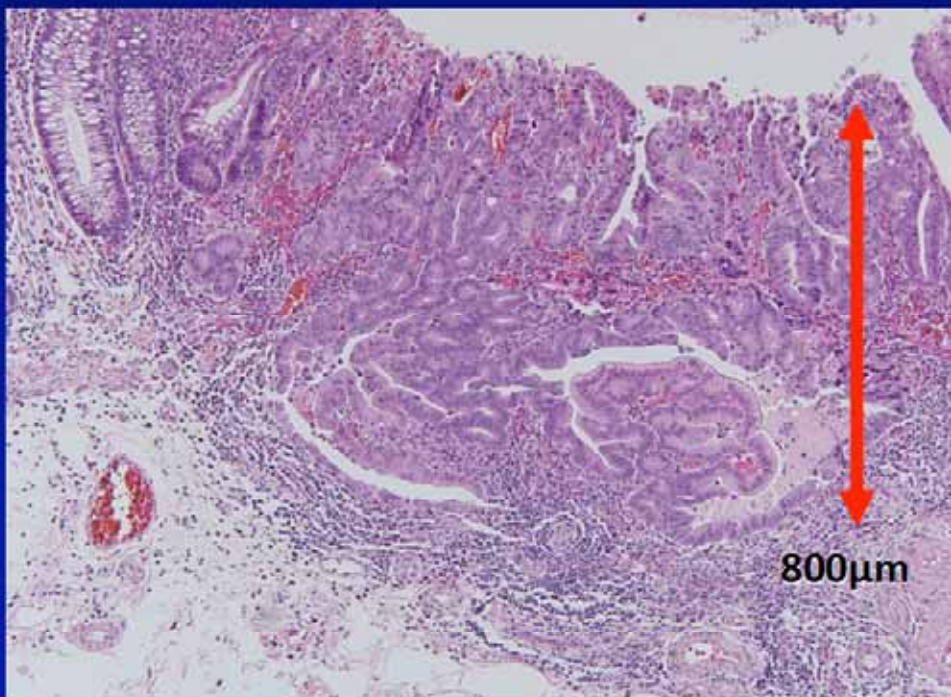
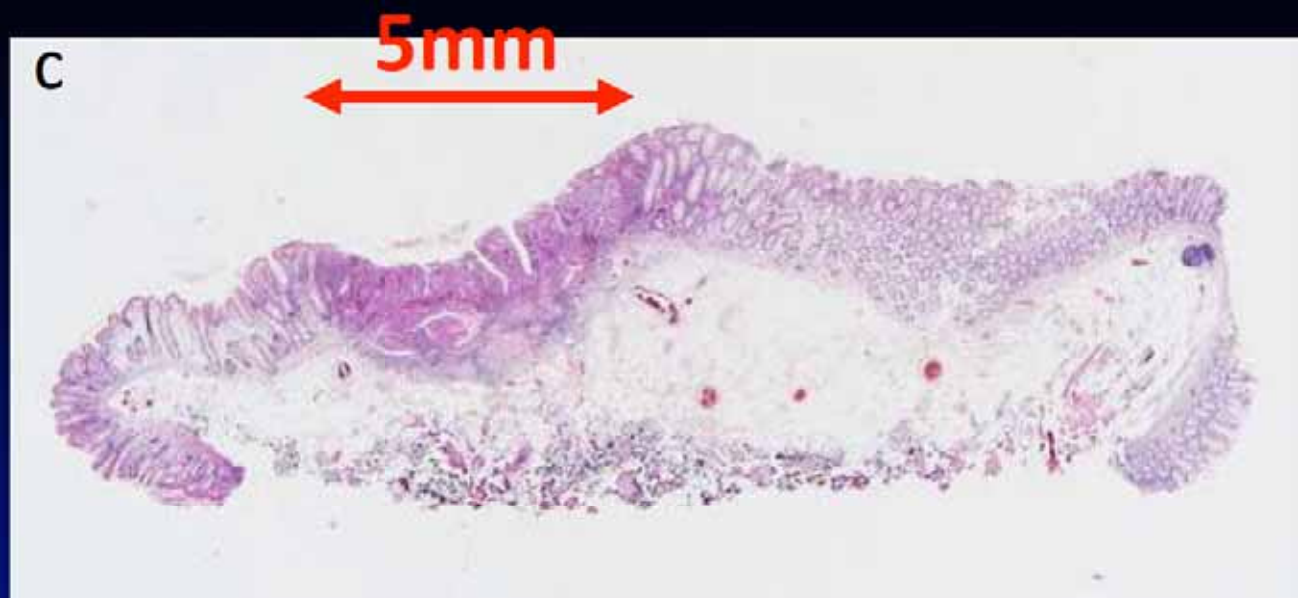
**Hombre 70 años,  
21/03/13 Dr. Tanaka**

En colon Transverso distal lesión de 5 mm, 0-IIC, polipectomía con asa térmica, previa inyección.





— Adenocarcinoma  
★ Submucosal invasion





# Results

## Public Hospitals



Patients:	25,870
Colonoscopy:	5,768
Polyps:	3,537 (61%)
Cancer:	210 (3,6%)
Endoscopy resection	162 (77%)

# PRENEC Program

## Public Hospitals



CONSTRUYENDO PUENTES EN GAS

- New centers:

- Iquique
- Antofagasta
- Concepción

- Latam centers:

- Paraguay
- Bolivia
- Colombia
- Perú
- Equator



# TELECONFERENCE

- Started: October 2012
- Number: 38
- Frequency: Monthly



# Hospital Telemedicine resource

- staff
- internet
- equipment set-up
- Current problems
- Expectation



# Hospital Telemedicine resource

**Staff** Engineer and Technician



**Internet**

Symmetric dedicated link



# Hospital Telemedicine resource

## Equipment set-up

Videoconference



IPv4 IP Public

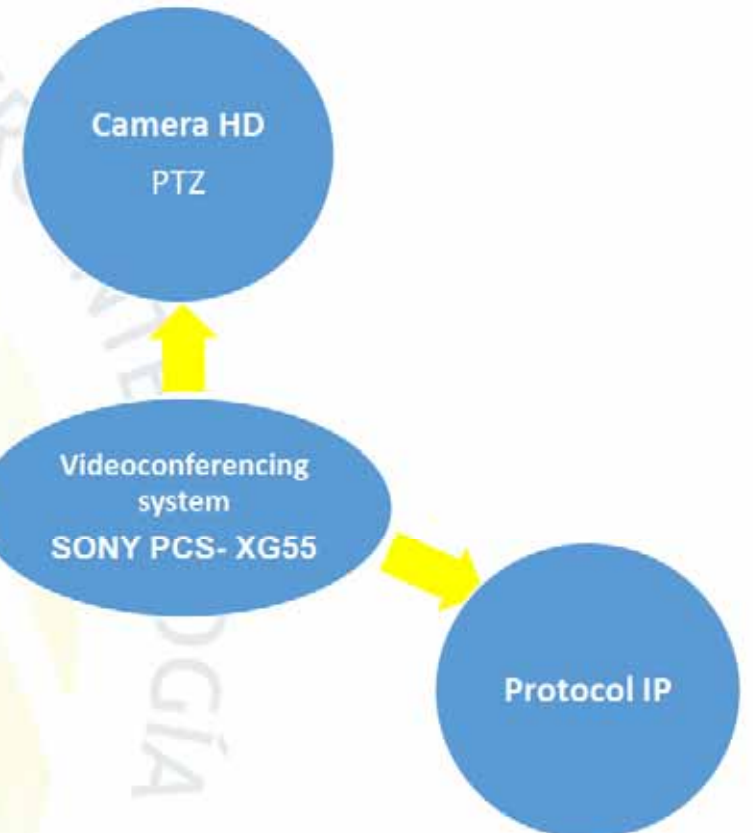


Teleconference Cisco 7937



Web-Conference

Cisco  
**webex**



# PRENEC Program

## Public Hospitals





# Hospital Telemedicine resource

- Current problems

- Infrastructure, only point-to-point link
- Images quality (photo and video) from the endoscopy centers (No HD)
- Images´ s library not available
- Teleconference backup

- Expectation

Have a multipoint videoconference platform to generate more collaboration options for medical staff in future telemedicine projects

