



Universidad de Concepción

Facultad de Medicina

Unidad de Telemedicina

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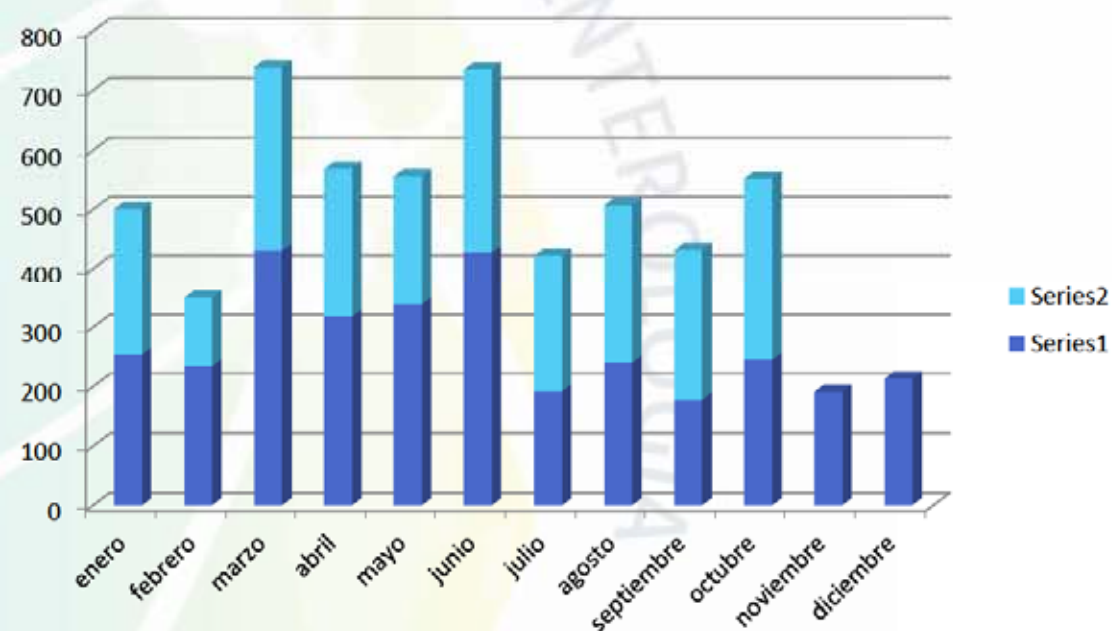


Introduction of Clinics/Surgery/Endoscopy Profiles

- **Place:** University of Concepción & Hospital GGB of Concepción
- **Human Resources:** 5 Health specialists
- **Main or flagship services:** Colonoscopy, Endoscopy, Biopsy, Ureasa Test, Polypectomy, Ligation, Sclerotherapy, Gastrostomy.
- **Bed Occupancy :** Mainly ambulatory.
- Tertiary level hospital, high complexity, long waiting lists, number of specialists/patient needs, availability of 1200 beds, ambulatory and >1500 yearly endoscopies.

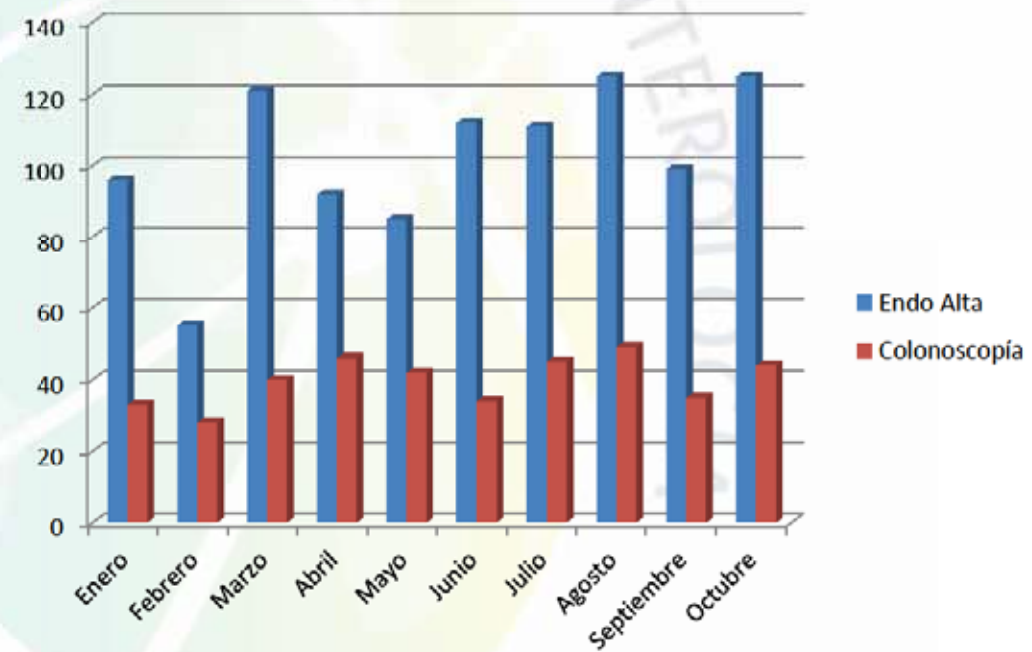
Atenciones Policlínico HGGB Concepción

mes	2016	2017
enero	254	247
febrero	234	116
marzo	430	309
abril	318	250
mayo	339	217
junio	427	308
julio	192	230
agosto	240	267
septiembre	178	253
octubre	245	307
noviembre	191	
diciembre	213	
Total	3264	2504



Procedimientos endoscópicos HGGB Concepción 2017

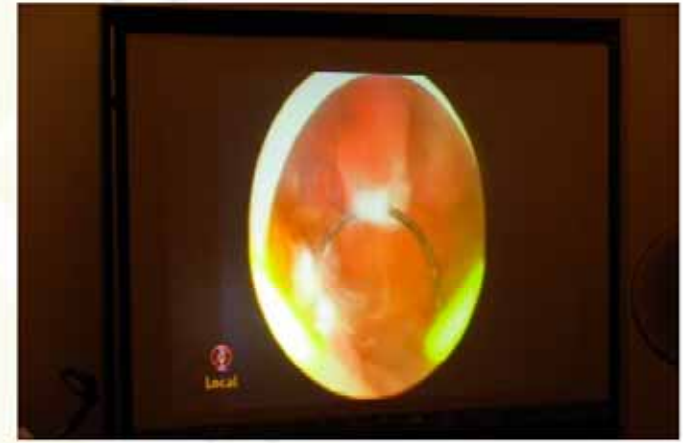
Procedimientos Endoscópicos 2017	Endo Alta	Colonoscopia
Enero	96	33
Febrero	55	28
Marzo	121	40
Abril	92	46
Mayo	85	42
Junio	112	34
Julio	111	45
Agosto	125	49
Septiembre	99	35
Octubre	125	44
Total	1021	396



Medical Needs for Telemedicine

- **Existing telemedicine set-up and activities:**
 - ✓ Experience in Teleradiology, Teledermatology, Telecardiology, Teleophthalmology,
 - ✓ Endocrinology and Gastroenterology Teleconsultation
 - ✓ Live Surgery Broadcast, Grand Round.
 - ✓ Multipoint videoconferences in conjunction with Minsal
- **Future plans:** Training in advanced endoscopy techniques?
Development of Specialists long distance support?
- **Needs:** Formative? , Second opinions? In real time? Deferred?, Remote on-line assistance?, Platform usage?, Training during a specific period?

Obstetric and Gynecological Surgery Live Procedure HGBB-UdeC



Grand Round: H. Higuera, H. Los Ángeles, UdeC.



Telemedicine: Endocrinology, Cardiology, Gastroenterology, Ophthalmology, Radiology & Nephrology.



Telemedicine Resource

- ✓ **Staff** : Telemedicine Unit Personnel (administrative, clinical, technical), DTI UdeC support, IT HGGB agreement.
- ✓ **Internet** : Local Speed: 1Gbps (From Telmed to Data Center DTI)
- ✓ **UdeC**: Internet Link: 800Mbps (CLARO Chile), International Academic Network: 130Mbps (REUNA), National Link: 1Gbps (REUNA)
- ✓ **Equipment set-up**: for university projects
- ✓ **Experience**: Ten years of experience, Polycom HDX 7000 videoconference system, High-speed internet, HGGB with fiber optic connection, Operating rooms with internet connection, Minsal network point, Videoconference through PLAZA platform, REUNA Service (Vidyo's dedicated room), Telemedicine platforms Minsal and UdeC.

Hospital Telemedicine Resource



- Current problems :
 - Time
 - Motivation
 - Coordination
- Expectations:
 - Start of the pilot program?
 - Training?