

# HOSPITAL INTRODUCTION: CLINICS & TECHNOLOGY (SANGLAH GENERAL HOSPITAL)

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# Outline

- Hospital profiles and its existing telemedicine set-up, activities and plans
  - introduction of clinics/surgery/endoscopy profiles, medical needs for telemedicine - **presented by doctor** (5 mins)
  - Hospital Telemedicine resource: staff, internet, equipment set-up, experience, current problems - **presented by engineer** (5 mins)

# Introduction of endoscopy profiles

- Place : endoscopy unit in Sanglah General Hospital
- Human Resource (clinician)
  - 5 endoscopist (4 gastroenterologist) + 3 nurses
- Main or flagship services
  - Diagnostic and therapeutic endoscopy
- Bed Occupancy
  - 5-7 procedure per day
  - ERCP 3-5 cases per week

# medical needs for telemedicine

- Existing telemedicine set-up and activities :
  - Not exist but wish to start
- Future plans
  - Develop good network
- Expecting fields other than endoscopy
  - After this network run well, we hope an other field can use this network for teleconference, such as surgery, infection, dermatology, etc.

# Hospital Telemedicine resource –Key person

- Doctor (I Ketut Mariadi, dr )
- Engineer (Made Adi Kumara, ST )
- Coordinator (I ketut Mariadi, dr )



# Hospital Telemedicine resource

- RSUP Sanglah have 4 IT Staff for hardware and networking
- Internet
  - Comercial Network Provide By ASTINET
  - Bandwidth 20 Mbps
- Equipment
  - Teleconference room
  - For network equipment, use mikrotik as DHCP server, AlliedTelesis Router, and AlliedTelesis Manage Switch which have FO Connection
  - Teleconference devices (hardware i.e. POLYCOM or software i.e. VIDYO or SKYPE )
- Experience

# Hospital Telemedicine resource

- Current problem, RSUP Sanglah don't have any tools for repairing FO connection or to create a new FO connection.
- Expectation