

# HOSPITAL INTRODUCTION: CLINICS & TECHNOLOGY

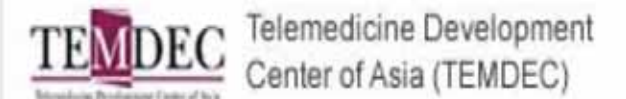
Dr. Hasan Sadikin Hospital /  
Padjadjaran University

Dolvy Girawan

Irwanto

Faizal Hamzah

Hendra Sudaryono





# 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 clinics/surgery/endoscopy profiles

- Place: Dr. Hasan Sadikin Hospital
  - Bandung, West Java
- Person: 4 person as active endoscopist and 3 person retired
- Main/Flagship service: General Hospital
- Bed Occupancy: 800 beds

# Medical needs for telemedicine

- Existing telemedicine set-up and activities: not yet activities
- Future plans: one of telemedicine hospital in Indonesia
- Expecting fields other than endoscopy/surgery, such as infection, dermatology, etc.



# Hospital Telemedicine resource – Key person

## - Doctor



Dolvy Girawan, dr, SpPD-KGEH, M. Kes  
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# Hospital Telemedicine resource –Key person



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Yudi Wahyudi, dr, SpPD  
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## - Engineer



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Padjadjaran University  
Dr. Hasan Sadikin National General  
Hospital



Faizal Hamzah, S. T  
IT Staff  
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Hendra Sudaryono, S. T  
IT Staff  
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Dr. Hasan Sadikin National General Hospital



# Hospital Telemedicine resource

- **Internet**

- Commercial networking Internet Provider Service by Cifo
- Bandwidth Dedicated with ix 20 Mbps and iix 50 Mbps
- Connecting cable using Fiber optic to the ISP
- Security Using firewall included in Microtik

- **Equipment**

- Teleconference room : In Endoscopy Operation Room 4<sup>th</sup> floor COT Building
- Teleconference devices (hardware : POLYCOM, Ip Cam and software using SKYPE, google hangout)

- **Experience**

- . Don't have experience teleconference Endoscopy

# Hospital Telemedicine resource

- current problems
  - Don't know how to connection Endoscopy machine to network
  - Don't know how much bandwidth to operation this telemedicine without lag video
- Expectation
  - Can learning how to connection Endoscopy machine to network

Thank You