



**Brazilian National Cancer Institute
INCA
One Month Engineer Training Program
On TEMDEC**

Jan 30th – Feb 24th



MINISTÉRIO DA
SAÚDE



SUMMARY

- INCA
- TEMDEC – What I learned
- JAPAN
- FUTURE PLAN

Rio de Janeiro BRAZIL



National Role

- Technical branch of the Ministry of Health;
- Assistance in the formulation and implementation of the National Cancer Care Policy;
- Play multiple roles in all areas of cancer: care delivery, research, education, prevention and cancer surveillance;
- Coordinates programs and national actions;
- Plays an important role in cancer international cooperation;
- 2017 - 80 years of history.

Facilities



**HOTEL
ACCOMODATION FOR
MEDICAL RESIDENTS**



CANCER HOSPITAL III



**CANCER HOSPITAL I and
BONE MARROW TRANSPLANT
CENTER**



**PALLIATIVE CARE
HOSPITAL (IV)**



CANCER HOSPITAL II



**RESEARCH
CENTER**

INCA in numbers

Workers
3700
employees

260 000
medical
appointments
/year

60 Courses
1579 students

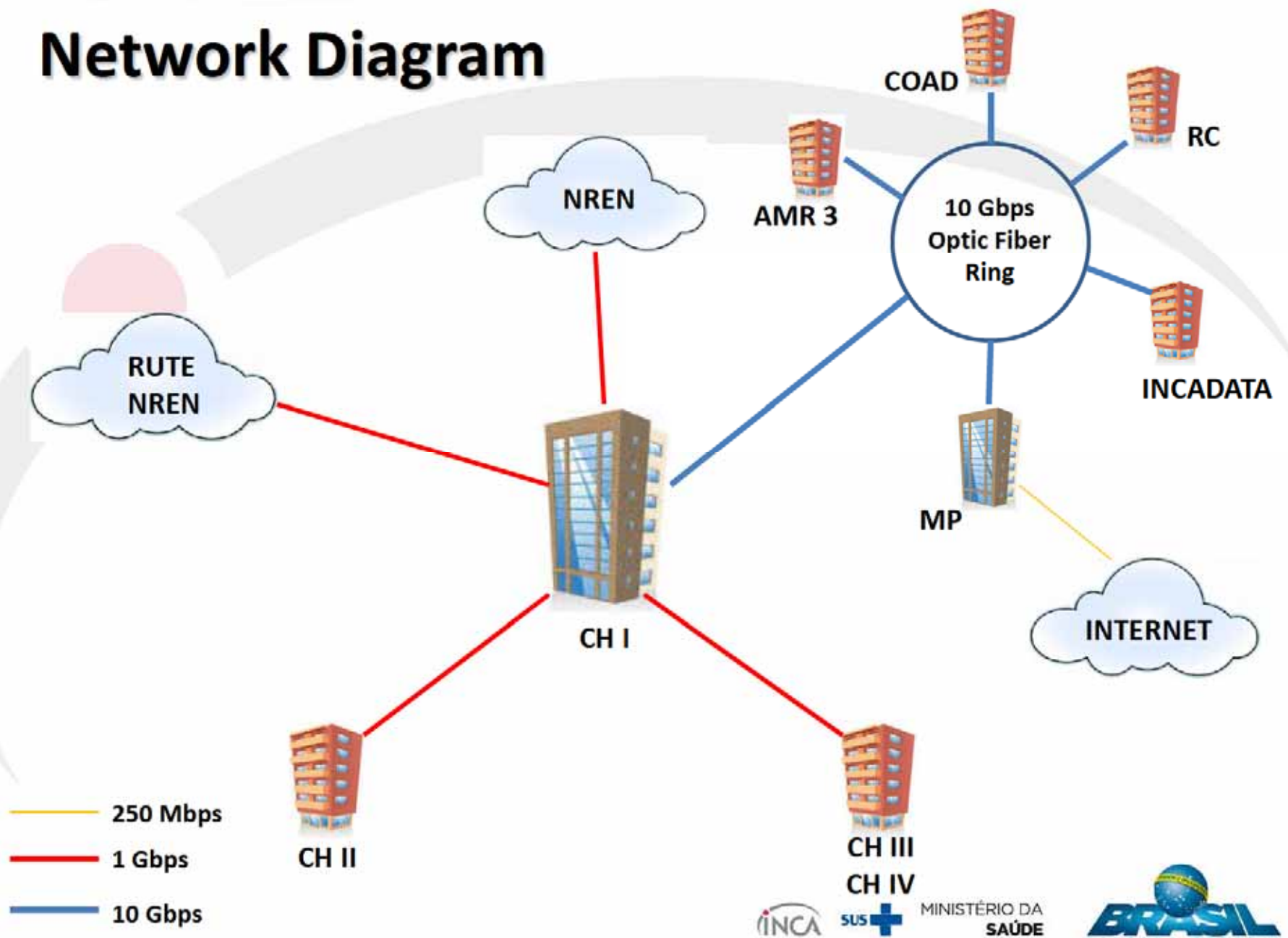
90 Bone
marrow
transplantation
/year

> 100
Research
Projects

10000
surgery/year

5 Hospitals

Network Diagram



INCA Technologies



POLYCOM®

VSX 7000s - 03

HDX 6000 - 01 (HD)



TANDBERG

Television

990 MXP - 01



SONY

Ipela PCS-G50 - 04

RUTE Video Conference Room & Recording Studio



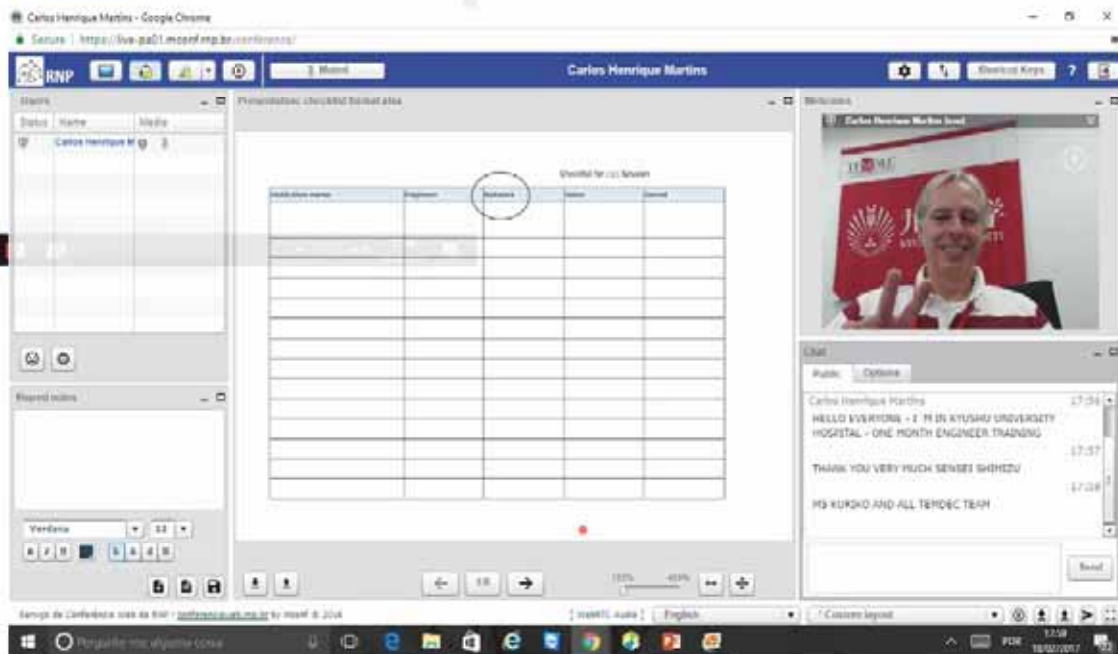
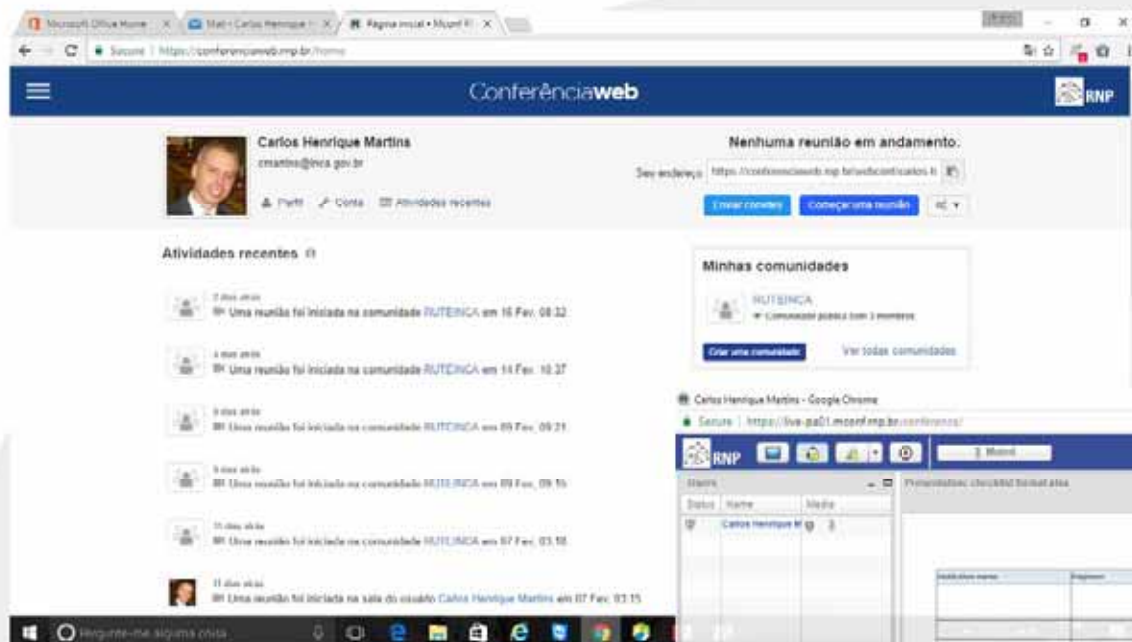
MULTIPRESENCE Experimental Project



Telepresence - Robotic Surgery Transmission



NREN – MCONF Web Conference Solution



TEMDEC Technologies



TEMDEC Technologies

H.323

Polycom



Cisco



Sony

TEMDEC Technologies

VIDYO

VidyoDesktop™ - Log in


Vidyo

VidyoPortal:
rs://vidyo-portal.med.kyushu-u.ac.jp

Username:
inca

Password:

[Forgot your password?](#)

Log in

Welcome. Please log in to your VidyoPortal...



TEMDEC Technologies

JOIN VIEW

Microsoft Office Home x Mail - Carlos Martins - C x globo.com - Absolutam x Google Tradutor x VIDEO SHARING TEMDEC x

Secure | https://joinview.med.kyushu-u.ac.jp/joinview/clipPreview?id=589dc326674b87c60b8b45018&no=1

TEMDEC VIDEO SHARING TEMDEC Clip Manage Carlos Henrique Fernandes Martins

COMMAND. The 32nd APAN Meeting New Delhi - Endoscopy Preview Room ENTER

Carlos Henrique Fernandes Martins

add comment

00:00:00.000 speed 1.0 01:00:01.217

OUTLINE

00:00:00 00:01:00 00:02:00 00:03:00 00:04:00 00:08:00

Copyright © 2016 UNIXON SYSTEMS CO., LTD. All Rights Reserved

Pergunte-me alguma coisa

15:56 19/02/2017

Main Points for Success

➤ Network

➤ Video

➤ Sound

➤ Sister

➤ Traini



Telemedicine Work Flow

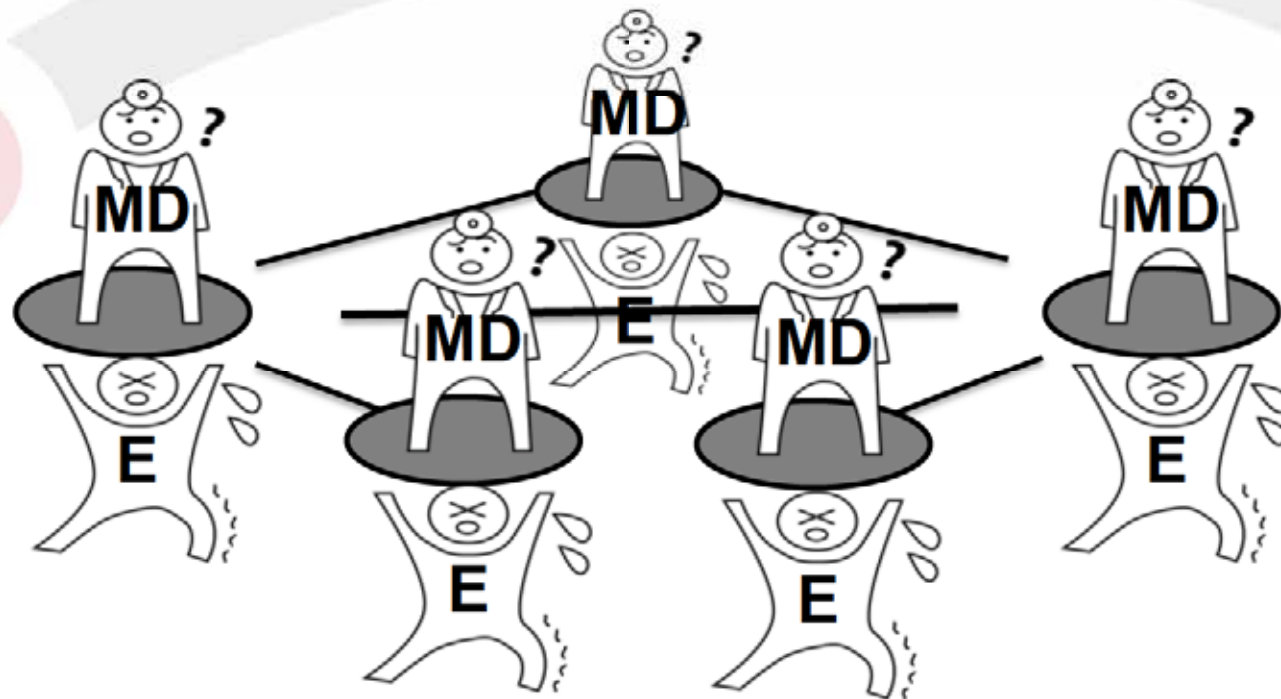
Questions about The Latin American Pedagogical Transformation
2020



spindubina@notmail.com
ddi-ops@jp.apan.net
schmidt@uc.cl
eiko@vidvo.com

Training Engineers

Medical Staff

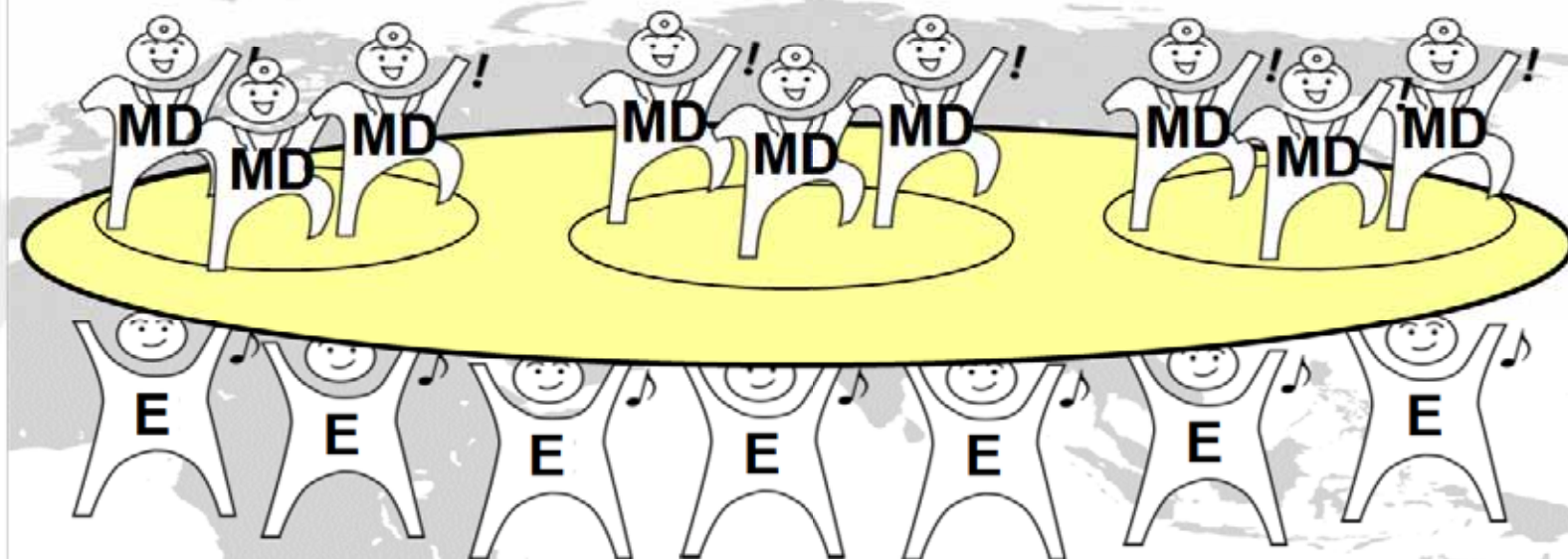


Engineers

Untrained Telemedicine engineers

Training Engineers

Medical staff



Engineers

Well trained Telemedicine engineers

APAN 43



APAN 43



JAPAN









MINISTÉRIO DA
SAÚDE





FUKUOKA



FUTURE PLAN – NEXT STEPS

- **Make a presentation to the IT Director and Assistance Coordinator**
- **Share knowledge with other engineers**
- **Discuss the possibility of developing a project with Endoscopy and others Departments**
- **Discuss with RUTE about this my experience here and what can be implemented as good practices**

80 YEARS
1937 | 2017

INCA



**Save the
Date**

**80th anniversary Congress
24-25 November 2017 – Challenges
and perspectives for Cancer Control
in the 21st century**



MINISTÉRIO DA
SAÚDE





Obrigado
どうも有難うございます
Muchas Gracias
Thank you!

Carlos Henrique F. Martins
INCA
cmartins@inca.gov.br