



# **TELEMEDICINE:**

## **“Success” Stories of Telemedicine at Veterans Memorial Medical Center**

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# SUCCESS

To laugh often and much;

To win the respect of intelligent people and the affection of children;

To earn the appreciation of honest critics and endure the betrayal of false friends;

To appreciate beauty, to find the best in others;

To leave the world a bit better, whether by a healthy child, a garden patch, or redeemed social condition;

To know even one life has breathed easier because you have lived;

This is to have succeeded.



# TELEMEDICINE

*“Telemedicine, a term coined in the 1970’s, which means “healing at a distance,” signifies the use of information and communication technology (ICT) to improve patient outcomes by increasing access to care and medical information.”*

*- The World Health Organization*



# TELEMENTORING

*“Telementoring has been conceptualized as the online version of training and learning. Interaction may occur through e-mails, instant messaging, audio and video conferencing, or online discussion boards.”*

*- Talmadge Guy*

# TELEMEDICINE

## Veterans Memorial Medical Center

- × Phacoemulsification (Cataract Surgery) Conference
- × 5<sup>th</sup> Asia – Pacific Telemedicine Symposium
- × Eye Examination in a Pediatric Patient Lecture
- × 6<sup>th</sup> Asia – Pacific Telemedicine Symposium
- × Czech Republic Telemedicine Event (Eye Surgeries)
- × VMMC Cebu City General Hospital Lecture Presentation
- × 7th Asia Pacific Telemedicine Symposium
- × 9th Asia Pacific Telemedicine Symposium



# **PHACOEMULSIFICATION CONFERENCE**

# Phaco-Con

## Veterans Memorial Medical Center

- × Initial venture of the Department of Ophthalmology of Veterans Memorial Medical Center (VMMC) with the Department of Science and Technology Advanced Science and Technology Institute (DOST-ASTI) in knowledge sharing using Telemedicine
- × Monthly conferences of Ophthalmologists
- × Surgical cases presented
- × Demonstration of new operative techniques

# Phaco-Con

## Veterans Memorial Medical Center

- × Linking of VMMC, Philippine Heart Center, and Kyushu University Hospital in Japan
- × Linking in VMMC of Eye Clinic, Operating Room and Conference Hall
- × About 120 attendees from over 10 hospitals



# Phaco-Con

## Veterans Memorial Medical Center



Attended by Ophthalmologists from all over the National Capital Region

# Phaco-Con

## Veterans Memorial Medical Center



Linking of Conference Hall, Eye Clinic, Operating Room

# Phaco-Con

## Veterans Memorial Medical Center



Linking of Conference Hall in VMMC, Philippine Heart Center,  
and Kyushu University, Fukuoka, Japan



**5<sup>th</sup> ASIA-PACIFIC  
TELEMEDICINE SYMPOSIUM**

# 5<sup>th</sup> ATS, 2011

## Kyushu University

- × Invitation from Dr. Shuji Shimizu to attend
- × Yearly conference attended by representatives from nearly 20 countries around Asia and Europe
- × Updates on video conferencing and introduction of new ideas

# 5<sup>th</sup> ATS, 2011

## Kyushu University

- × Presented “Application of Telemedicine in an Ophthalmology Phacoemulsification Conference in the Philippines”
- × New knowledge gathered
- × VMMC put in the map as a budding Telemedicine institution

# 5<sup>th</sup> ATS, 2011 Kyushu University



Dr. Noemi Mendiola, Dr. June Mendiola and Dr. Serafin Hilvano on a train upon arriving in Japan

# 5<sup>th</sup> ATS, 2011

## Kyushu University



The Philippine Team



# 5<sup>th</sup> ATS, 2011

## Kyushu University



Dr. Mendiola and Dr. Lara on the 1st day of the Symposium

# 5<sup>th</sup> ATS, 2011 Kyushu University



Dr. June Mendiola (right) and Dr. Leon Paolo Lara (left) beside the VMMC poster presentation

# 5<sup>th</sup> ATS, 2011

## Kyushu University



Dr. Mendiola viewing a live surgical procedure from Singapore

# 5<sup>th</sup> ATS, 2011

## Kyushu University



Mr. Benjamin Lara from the DOST-ASTI presenting the Conference held at VMMC in Oct 2011.

# 5<sup>th</sup> ATS, 2011

## Kyushu University



From left to right: Fr. Paolo Lara, Dr. Joon-Soo Hahm from Korea, Dr. June Mendiola, Dr. Shuji Shimizu, and Mr. Benjamin Lara

# 5<sup>th</sup> ATS, 2011

## Kyushu University



Lunch is served, at the Symposium on day 1.

# 5<sup>th</sup> ATS, 2011

## Kyushu University



The art of Japanese cuisine

# 5<sup>th</sup> ATS, 2011

## Kyushu University



Filipino-looking ramen server, Japanese Kaloka-like



# 5<sup>th</sup> ATS, 2011

## Kyushu University



Enjoying the dinner in Fukuoka, Japan

# 5<sup>th</sup> ATS, 2011 Kyushu University



Attendees of the 5<sup>th</sup> Asia Telemedicine Symposium, December 2011

# 5<sup>th</sup> ATS, 2011

## Kyushu University



The delegates enjoying dinner and a few drinks after a successful 2-day symposium

# 5<sup>th</sup> ATS, 2011

## Kyushu University



New bonds forged during the symposium

# 5<sup>th</sup> ATS, 2011

## Kyushu University



Dr. Mendiola, Dr. Lara, and his new friend Ms. Yoko Noda



**TELEMENTORING:**  
**A LECTURE on**  
**EYE EXAMINATION in a**  
**PEDIATRIC PATIENT**



# Telementoring

## Veterans Memorial Medical Center

- × Lecture on Pediatric Eye Exmainations
- × Held at the Philippine Children' s Medical Center (PCMC)
- × Demonstration of Examination of patients and unusual / rare cases

# Telementoring

## Veterans Memorial Medical Center

- × Linking of VMMC and PCMC
- × Lecture held at PCMC with resident and consultant staff in attendance at VMMC
- × 2-way link allowing interaction between PCMC and VMMC, promoting learning at a distance



# TELEMENTORING

## Veterans Memorial Medical Center



Attended by VMMC ophthalmology residents-in-training and consultant staff

# TELEMENTORING

## Veterans Memorial Medical Center



Venture of VMMC Department of Ophthalmology  
and DOST-ASTI in Telementoring

# TELEMENTORING

## Veterans Memorial Medical Center



Pediatric patient evaluation and presentation by  
premiere Pediatric Ophthalmologist Dr. Norman J, Fajardo

# TELEMENTORING

Veterans Memorial Medical Center



Presentation of Interesting Pediatric Ophthalmology cases



**6<sup>th</sup> ASIA-PACIFIC  
TELEMEDICINE SYMPOSIUM**

# 6<sup>th</sup> ATS, 2011

## Kyushu University

- × Invitation again from Dr. Shuji Shimizu to attend
- × Yearly conference attended by representatives from nearly 20 countries around Asia and Europe
- × Updates on video conferencing and introduction of new ideas

# 6<sup>th</sup> ATS, 2011

## Kyushu University

- × Presented all previous Telemedicine events held at VMMC
- × Established VMMC as a consistent supporter of developing Telemedicine in the country

# 6<sup>th</sup> ATS, 2011 Kyushu University



Attendees of the 6<sup>th</sup> Asia Telemedicine Symposium, December 2012



# 6<sup>th</sup> ATS, 2011

## Kyushu University



Dinner and all smiles after a successful 2-day Symposium, with  
Mr. Benjamin Lara, Dr. Shuji Shimizu and Dr. Don Salvacion



**The Zlin Ophthalmology  
Festival:  
Live Ophthalmology Surgeries  
from the Czech Republic**

# Live Ophthalmology Surgeries

Veterans Memorial Medical Center

- × Invitation from Dr. Jiri Navratil to view Live Ophthalmologic Surgeries done in Italy and the Czech Republic (The Zlin Ophthalmology Festival)
- × One way link
- × Updates on current ophthalmology surgery practices in Europe

# Live Ophthalmology Surgeries

## Veterans Memorial Medical Center



Still shot of the live feed from the Zlin Ophthalmology Festival

# Live Ophthalmology Surgeries

## Veterans Memorial Medical Center



The resident and consultant staff at the VMCC viewing the live surgeries.

# VMMC and Cebu City General Hospital Lecture

- × Dr. Vicente Victor Ocampo lecture on TB Uveitis.
- × Dr. Lyle Karen Bigornia-Arriola lecture on Periocular Steroid Injection for Intraocular Inflammation and Uveitis.
- × A trial Cataract videoconference between Cebu and Manila.



# 7th Asian Telemedicine Symposium

- × Dr. Don Salvacion and Mr. Bani Lara went to Bangkok Thailand at the Mahidol University and Chulalongkorn University.









# 9th Asian Telemedicine Symposium

- × Dr. June T. Mendiola and Dr. Vicente Victor Ocampo Jr. , Dr. Rachel Lacson, and Dr. Rey Carlo Naraval attended the symposium at Chungbuk National University Hospital.







# “Success” Stories of Telemedicine

## Veterans Memorial Medical Center

- × The VMMC Department of Ophthalmology began its promotion of Telemedicine as a valuable learning and training tool in 2011
- × There have been steady, albeit small steps, in its growth over the past five years
- × There are hurdles currently being managed, mostly on the availability of technologies and equipment needed, due to financial constraints





# “Success” Stories of Telemedicine

## Veterans Memorial Medical Center

- × Three not so “secrets to success”
  - × Set realistic goals
  - × Surround yourself with good people
  - × Multiply and share



**MARAMING SALAMAT PO!!!**