

HACC

June, 2023

The Lake Clinic – Cambodia 16 Years Later

- Jon Morgan, Founder and Director – The History Lesson.
- Dr. Hun Thourida, Medical Director – TLC's Clinical Teams and Activities.
- Ms. Ky Kolyan, Program Manager – TLC's Outreach Team
- Mr. Ouk Savann, Clinical Coordinator, Logistics and Data Management - EMR

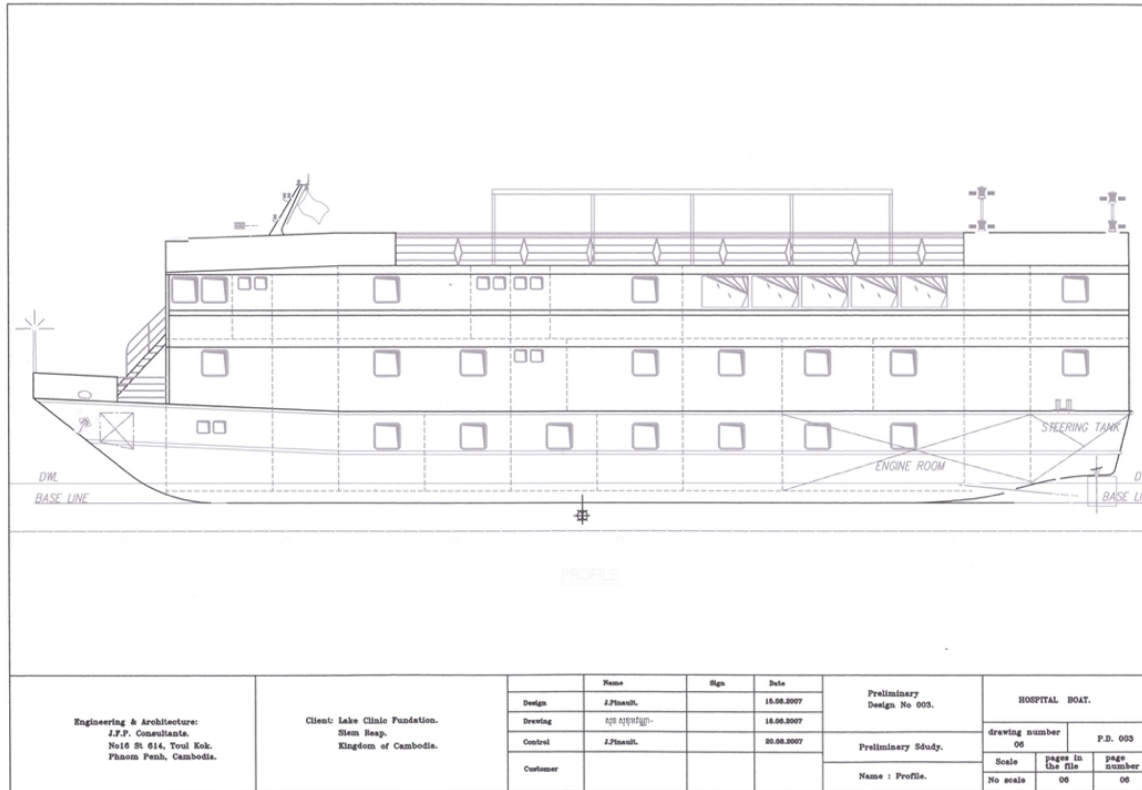


Some Personal Background



The Story of The Lake Clinic

Jon's Really Big Idea (2007)



Big Ideas

(mean big money)



But Jon only had....



There's always a compromise....

The TLC-1



She's almost ready



The first adventure

Cham Chau to the Port of Phnom Penh



The Launching



The audience aboard the “Firefly”



And after a bit of delay in Phnom Penh, we began the long slow journey to Siem Reap.



We stopped often along the way



We talked...



And talked....



And talked some more.



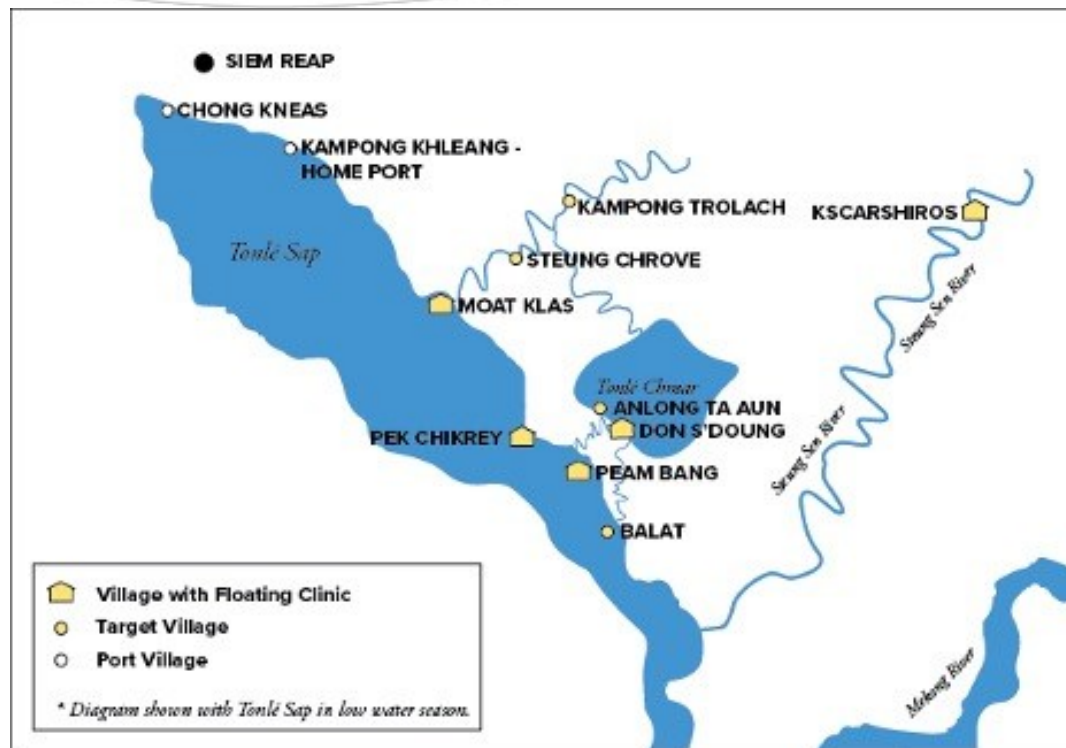
Then finally started to work.



In the beginning



Where we work



TLC's Clinical Service

◆ Presented by DR. HUN THOURIDA, Medical Director

The Lake Clinic Schedules

- ◆ The Lake Clinic (TLC) has 2 teams – The Lake Team and The River Team. Each team has two working groups - Clinical Group and Outreach Group.
 - ◆ The Lake Team works Monday through Wednesday.
 - ◆ The River Team works Tuesday through Thursday.
- ◆ Each team has one more day for administrative work and re-supply in TLC's office.

Lake Clinic



River Clinic



Clinical Services

1. General Health Check up
2. Small Surgeries
3. Emergencies
4. Antenatal Care
5. Postnatal Care
6. Birth Spacing and Family Planning
7. Vaccine for children under 5 years and women of reproductive age.
8. Covid Vaccine



Clinical Services Continued

9. Ultrasound

10. Dental Care

11. School Health Check

12. NCD

13. Home Care

14 . Laboratory

15 Education in Clinic

General Health Check



Small Surgeries



Emergencies



Antenatal Care (ANC)



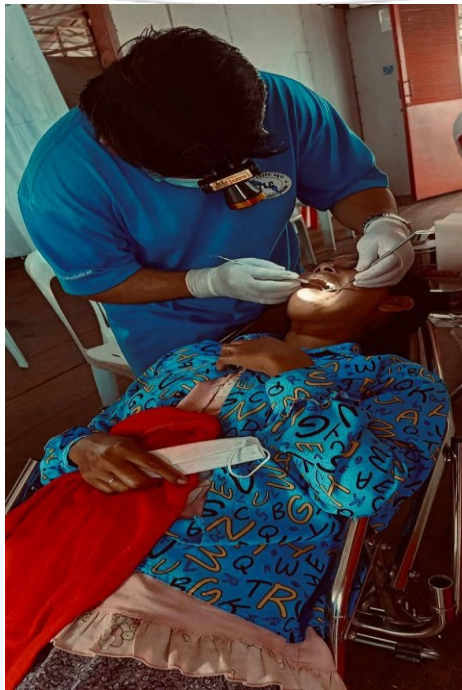
Postnatal Care



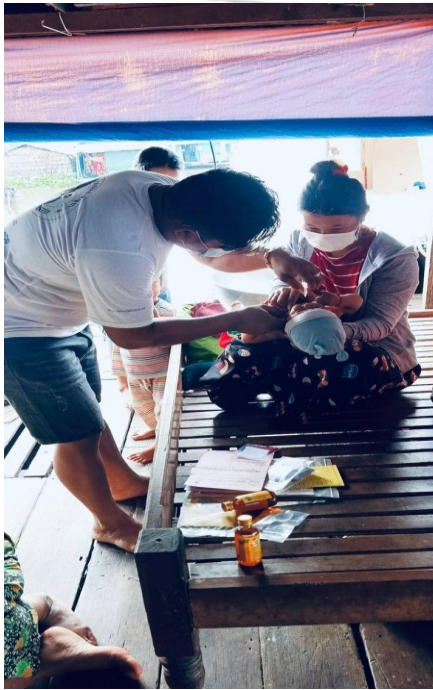
Birth Spacing



Dental Care



Vaccinations for children under 5 years and reproductive women



Covid Vaccine



Ultrasound



NCD

Non-Communicable Diseases



Home Care



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Referrals to hospital care



School Health Check (SHC)



Oral Check Up (SHC)



Laboratories



Education at Clinic



Education about Medicine



OutReach Program

◆ Presented by: Ky Kolyan, Program Director

In the Villages

Our Outreach team provides:

- Child At Risk
- School Checks
- Mother's Clubs
- Domestic violence and mental health.
- Providing Bio- Sand water filter.
- Floating gardens.



The Outreach team visits families with children under 5 to assess for malnutrition. Follow-up is scheduled every 6 months to ensure proper growth and intervention if necessary.



Children at Risk



SCHOOL CHECKS



- The school checks are comprised of 1 Doctor, 1 Dentist, and 1 Outreach Midwife
- Vision acuity and hearing is checked.
- Children are also given a physical and developmental assessment.
- Oral health is checked, and referrals given to visit the clinic for problems



MOTHER'S CLUBS

Once a month TLC Outreach leads Mother's Clubs that discuss:

- Nutrition
- Birth Control
- Domestic Abuse
- Mental Health
- Parenting





Domestic violence and Mental health

Awareness

Men group

Family therapy

Counseling

Medication



Water filter



We provide Bio-sand, water filters for families to to have and to use clean water



Floating Gardens and Initiative gardens



Electronic Medical Record System

Prepared by: UK SAVANN
RN, BA, MPH, TLC's Clinic Coordinator



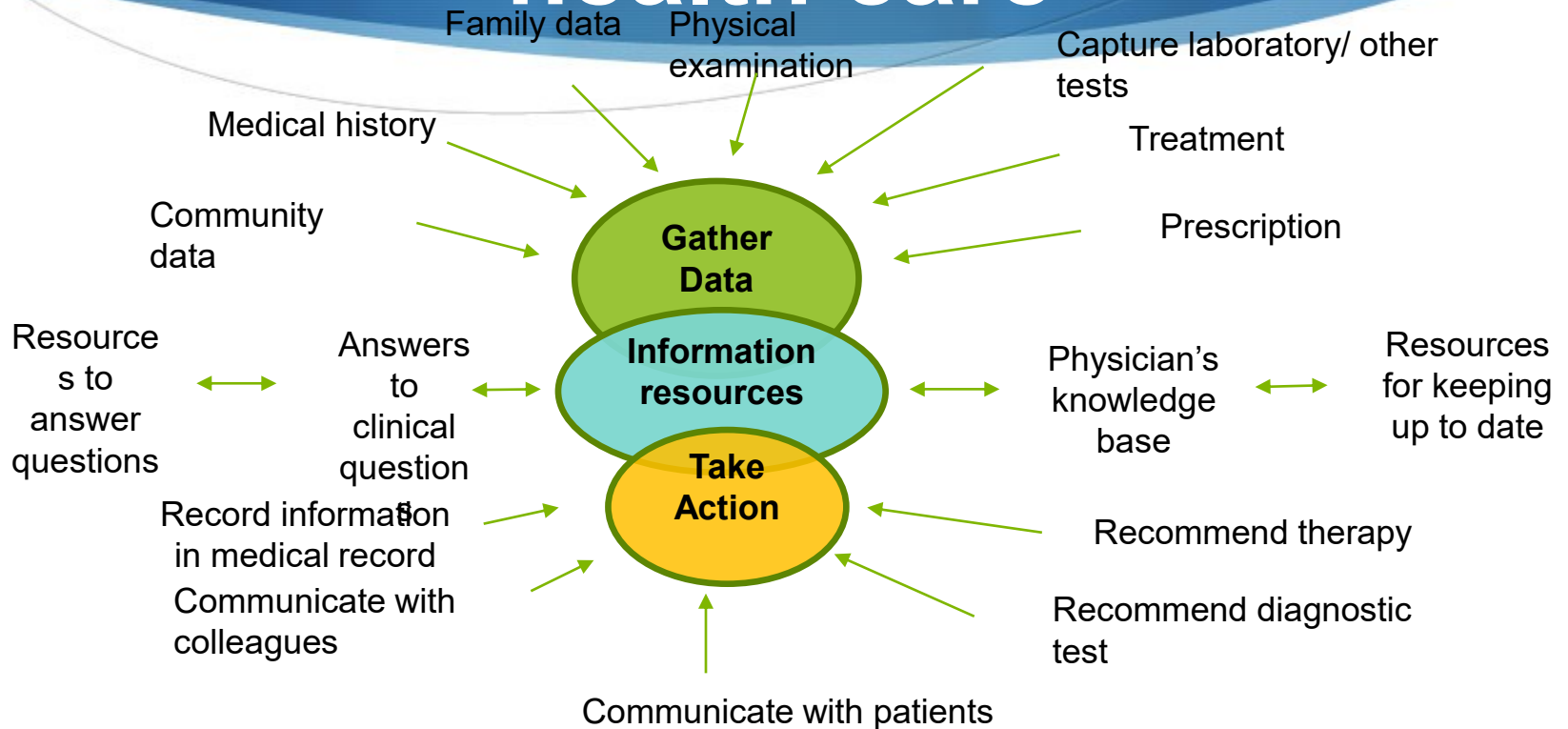
Contents

- ◆ Definition of Electronic medical record (EMR)
- ◆ EMR framework for primary health care
- ◆ Benefit of EMR
- ◆ The dream (3mn video clip)
- ◆ EMR operation areas
- ◆ The transformation of paper record to EMR (3mn video clip)

What is Electronic Medical Record?

- ◆ EMRs is a problem list, medication list, allergy list, notes, health maintenance information, and results capturing (for laboratory, radiology, and other testing results). These feature tools for both displaying and capturing data such as notes, pictures,...

EMRs framework for primary health care



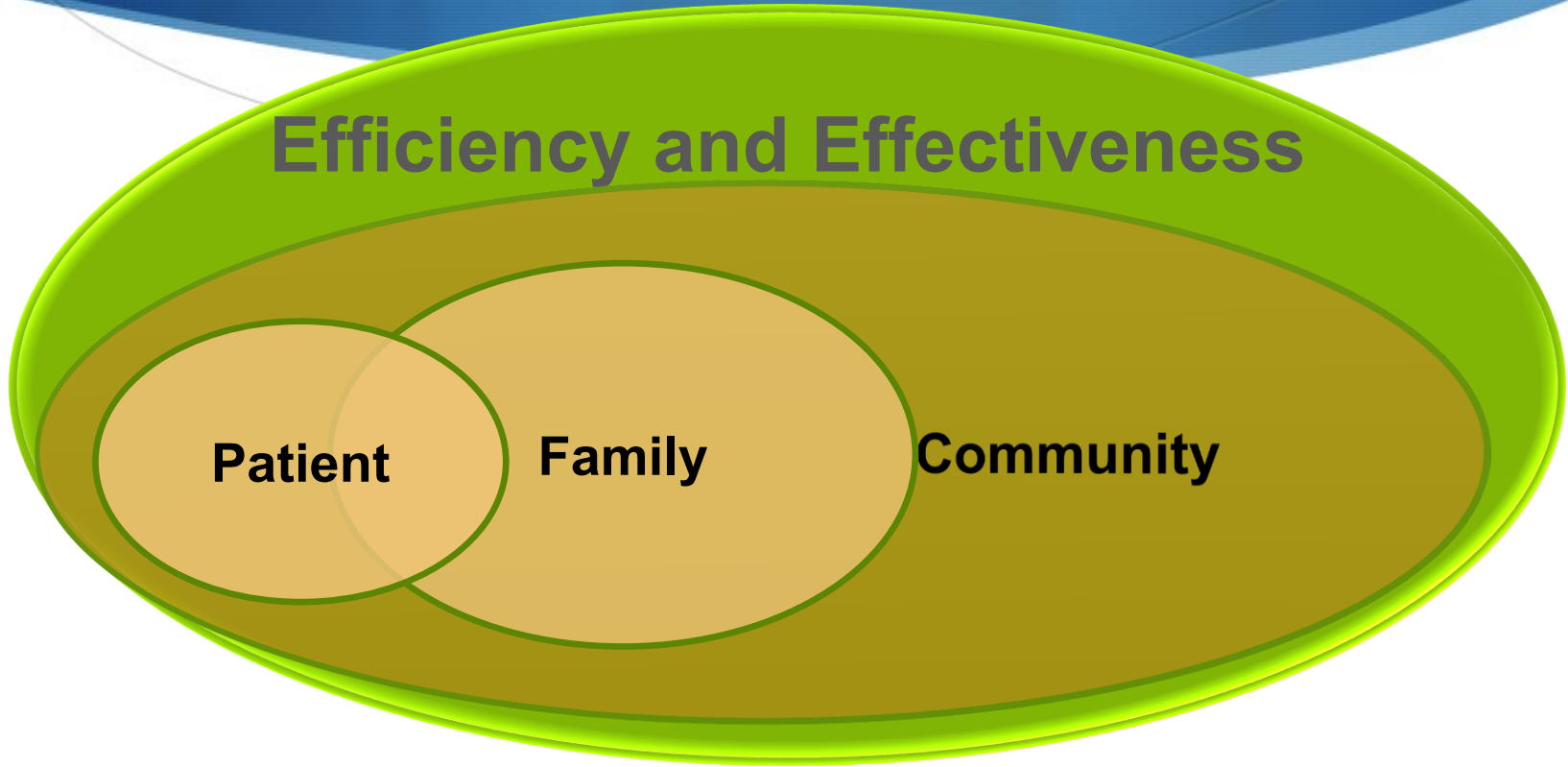
Why EMR is important for primary health care?

Efficiency and Effectiveness

Patient

Family

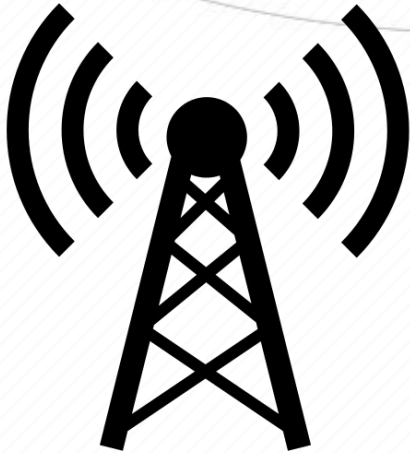
Community



The dream of converting from paper to electronic charts history

<https://youtu.be/PGimPxJQf1A>

Where is EMRs implementing?



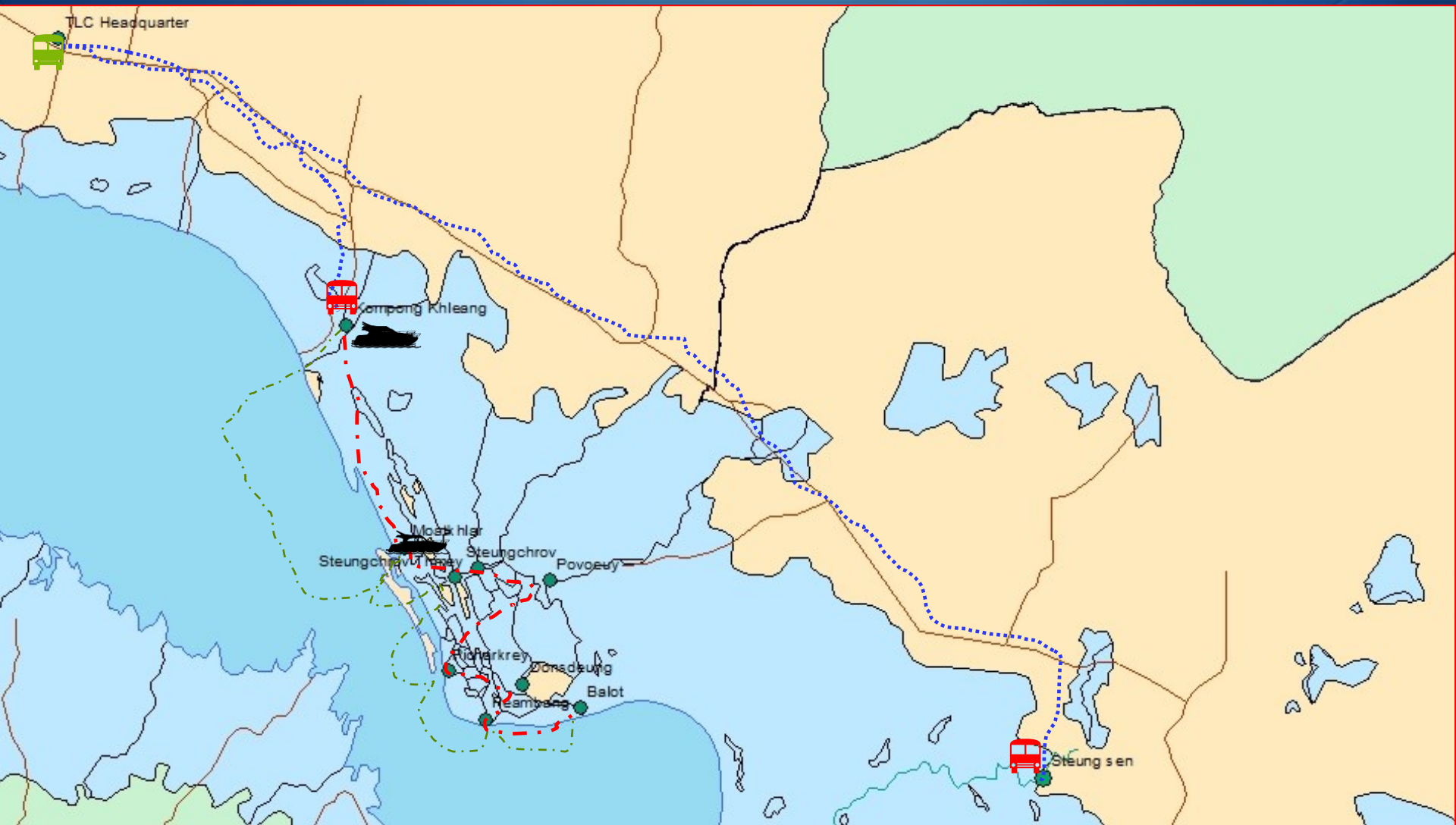
Strong internet
network



Weak internet
network



No internet



The transformation of paper record to EMRs

<https://youtu.be/5DRZBiE6BTE>

Practice demo

The screenshot displays a web browser window with the following elements:

- Browser Tabs:** Patient Registration, (18) Floating Clinic Digitizes to S..., Bahmni Home.
- Address Bar:** <https://tlc.mekomsolutions.net/bahmni/home/index.html#/dashboard>
- Navigation Bar:** Khsach Chi Ros (user name), user profile icon.
- Main Content Area:**
 - <https://tlc.mekomsolutions.net/bahmni/home/index.html#/login>
 - Registration (person icon)
 - Orders (clipboard icon)
 - Clinical (stethoscope icon)
 - Patient Documents (document icon)
 - Reports (bar chart icon)
 - Admin (person with gear icon)
- Taskbar:** Windows Start button, search, task view, and various application icons (File Explorer, Firefox, Edge, Chrome, Brave, Outlook, PowerPoint, Word, etc.). System tray shows 99% battery, 31°C temperature, and date/time: 10:38, 03/04/2023.

Barrier

Expensive



Investment is needed

Thank you!

