“S” Wattana*

Liver care Foundation of North East of Thailand
isanlivercare@gmail.com

The hepatitis virus screening program in Thailand: an eight-year experience of population study

*Department of Medicine, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand
I have nothing to disclosure.
General Population Testing

Northeastern has 21 provinces represented 1/3 of population

Thailand

Total Population 65,931,550 persons

Participants 20,822

21,528,111 persons

We have limited data on prevalence of all hepatitis and viral related...
Method: testing campaigns (DEDEPROMT)

Delivery Screening Systems

Referral System

multidisciplinary teamwork

technology information

Promotion

Decision Support

Beginning since 2010-now
Registration

Physical exam

Rapid test

Liver function test

Liver elastography (Fibroscan®)

Ultrasonography
Multidisciplinary team work (Educator Team)
Health Promotion: KM (patient give experience to participants)
We do these activities around the year in each province, repeated and repeated. Totally 70 times in 8 years and will be continue.

All activities are in 1 day package.
Results: 8 years experience
Participants 20,822 person

7,298 Rapid test
306 Ultrasonogram
131 Fibroscan® >7.7kPa

Prevalence

9.06% Hepatitis (1/10)
37.50% HBV+ Cirrhosis
56.25% HCV + Cirrhosis
15.69% Cirrhosis
Other Results

- We found from ultrasound
  - Fatty liver
  - non viral related
    - Chronic parenchymatous liver disease
  - Liver nodule
  - HCC
  - CCA
Decision Support

- Access to treatment both of HCV* and HBV
- Continue motivation in that community patients to people medical to medical personnel
- Network connection referral system training for new technology and patient care team

*HCV treatment became National drugs list since 2013 with P+R and DAA coming soon
Decision Support (con’t)

• Send the data to the public health and epidemiologic center of Thailand

• Notify local public health that is in coverage area of infected person
  • Take care and follow up
  • Screening in family members
  • Surveillance for HCC in cirrhosis
CONCLUSIONS

The prevalence of hepatitis virus in northeastern region of Thailand by the population study was still high. The public health policy regarding detection, treatment, and prevention are strongly encouraged.
We are together ascend "My King" to heaven
THANK YOU