

# MOSQUITO MONSTER

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**Clinical Management Group**  
**DEPCAM-AIT**

DEPCAM-AIT  
Bangkok/Colombo  
4<sup>th</sup> to 25<sup>th</sup> Dec 2011

Clinical Case Management Group

36 Doctors

15 Nurses



# Target Audience and Methodology

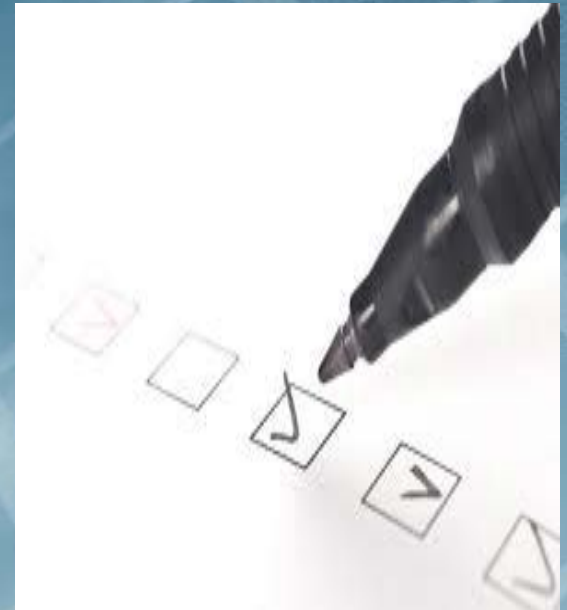
- Health Care Professionals
- Policy Makers

Face to face



# Objectives

- **Key Learning points about Dengue**
  - Basic facts about Dengue
  - Surveillance and control practices
  - Communication and behavior change
  - Case management practices
  - Policies, laws and Regulations
  - FAQs
- **Log Frame/Suggestions**
- **Visit locations**
- **Contact emails for follow up**



# Basic facts and concepts about Dengue

## Prevention

Regional Approach

Inter-sectoral collaboration

Health communication &  
Community participation

Integrated vector control &  
Vaccine development

## Management

Differentiation between DF &  
DHF

Judicious Monitoring

Fluid management

Research

# Surveillance and control practices

- **Surveillance**

- Reporting system
- Response teams

- **Control**

- Standardized case management
- Prevention
  - Health education, IVM, research



# Communication and behavior change strategies

## COMMUNICATION

- Mass media campaigns
- Dengue day celebration
- Community participation
- Pursuance of stake holders



## BEHAVIOR

- Fear & uncertainty
- Source reduction
- Live with Dengue
- Reinforcement of behavior change

# Case Management Practices

- Standardized Referral system
- Patient Triage by nursing staff
- Composite monitoring charts
- Indoor Laboratory Support
- CBC analysis protocols



# Policies Laws and Regulations

- Regional approach and sustained partnership
- National Health Policy formulation
- Target oriented Insecticide Spray
- Law and regulation formulation



# Frequently Asked Questions

**Q: What are the symptoms of the disease?**

- High grade fever.
- severe body aches and pains.
- Rash.

**Q: Is it a deadly disease?**

- No, if managed in time, curable,

**Q: Does dengue spread from person to person?**

- Mode of spread through mosquito bite.



# Frequently Asked Questions

Q: Can some one suffer from dengue again?

- Yes

Q: What are the warning signs for hospitalization?

- Deterioration of condition after settling of fever
- Giddiness
- Abdominal pain
- Persistent vomiting
- No urinary output for more than 4 hours



# Frequently Asked Questions

**Q: How can I protect my self and family from dengue?**

- Use of mosquito repellants/ insecticidal sprays, reducing mosquito breeding places.

**Q: Is there any vaccine available?**

- Not yet.

**Q: What measures are needed to prevent dengue in community?**

- Public awareness
- Use of larvaecidals and other insecticides.



# Frequently Asked Questions

Q:What is the role of cultural/herbal medications for cure of dengue e.g. papaya?

- No scientific proven role

Q:What to avoid?

- Red / coffee colored fluids, Asprin and Pain killers except paracetamol.





**New Way of Looking  
at Things !**

# Log Frame

Planning Elements	Indicators	Verification Source	Assumptions & Risks
<p><b>Goal:</b> To reduce dengue-related mortality &amp; morbidity</p>			
<p><b>Objective:</b> To increase health workers capacity to diagnose and treat</p>	<ul style="list-style-type: none"> <li>•Case Fatality Rate (CFR) of DF/DHF reduced to &lt; 0.5% within 2 years</li> <li>•Average length of stay (ALS) in hospital</li> </ul>	<ul style="list-style-type: none"> <li>•Notification &amp; Surveillance reports</li> <li>•Institutional level clinical /death auditing</li> <li>•Death records</li> <li>•Health facilities' records</li> </ul>	<ul style="list-style-type: none"> <li>•Political commitment</li> <li>•Funds</li> <li>•Case definition &amp; CFR standardization</li> <li>•Proper reporting</li> </ul>

# Suggestions

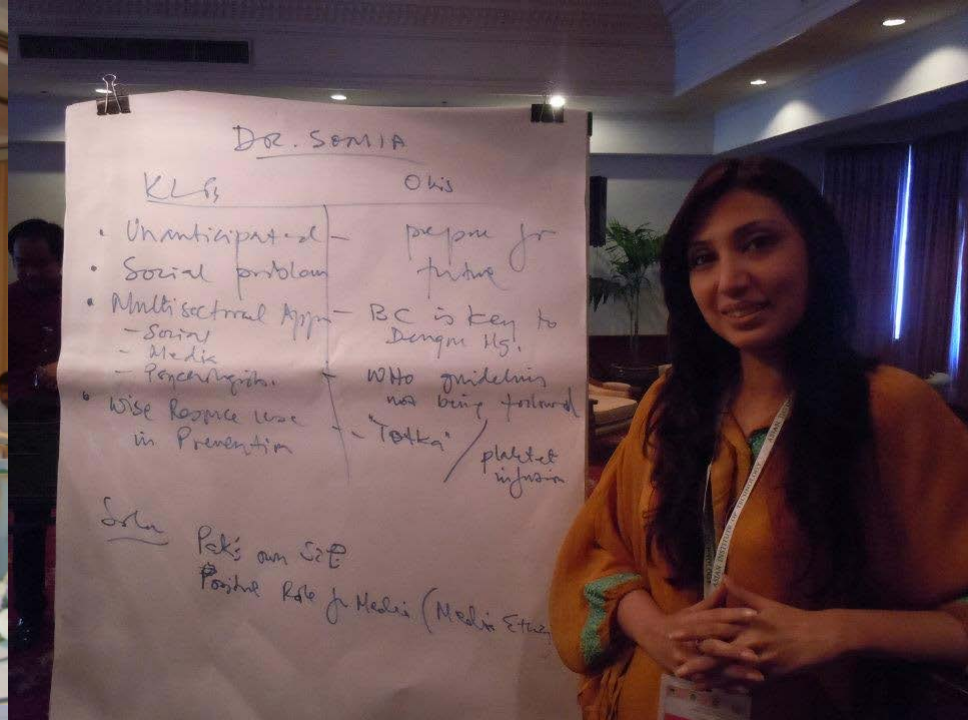
- Increase capacity of health care providers to diagnose, monitor, treat and/or refer cases
- Strengthening of primary health care system
- Standardized referral and notification system in public and private sectors
- Improve laboratory support
- Improve public awareness





Picture Gallery











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OPD ผู้ป่วยนอก  
ER ผู้ป่วยฉุกเฉิน

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THANK YOU