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# Strengthening the Roles of Midwives in Optimizing the Maternal and Child Health in Disaster-Prone Area

**By Titi Mursiti, S.SiT, M.Kes**  
**Lecturer in Health Polytechnic of Semarang**

# Background

Indonesia is prone to disasters

## NATURAL DISASTER

Volcano eruption,  
earthquake, tsunami, flood,  
flash flood, landslide, drought

## NON NATURAL DISASTER

Industrial accidents,  
transportation accidents,  
forest fires, epidemics,  
outbreaks

## SOCIAL DISASTER

Social conflict, terrorism,  
sabotage

Disasters and  
Emergencies  
Condition



Health Problems  
both physically  
and mentally

# Background

The provision of the health services in disaster areas focuses on general health, while reproductive health is still not a priority or even non-existent.

# The Impact of Disasters on Health

**1** The Damage of Health Facilities and Infrastructure (i.e buildings, medical equipments, transportation, communication device, medicines)

**2** There are many disasters victim who are injured and disabled, can increase morbidity.

**3** The refuge camp (lack of clean water, lack of nutrition and lack of healt services)

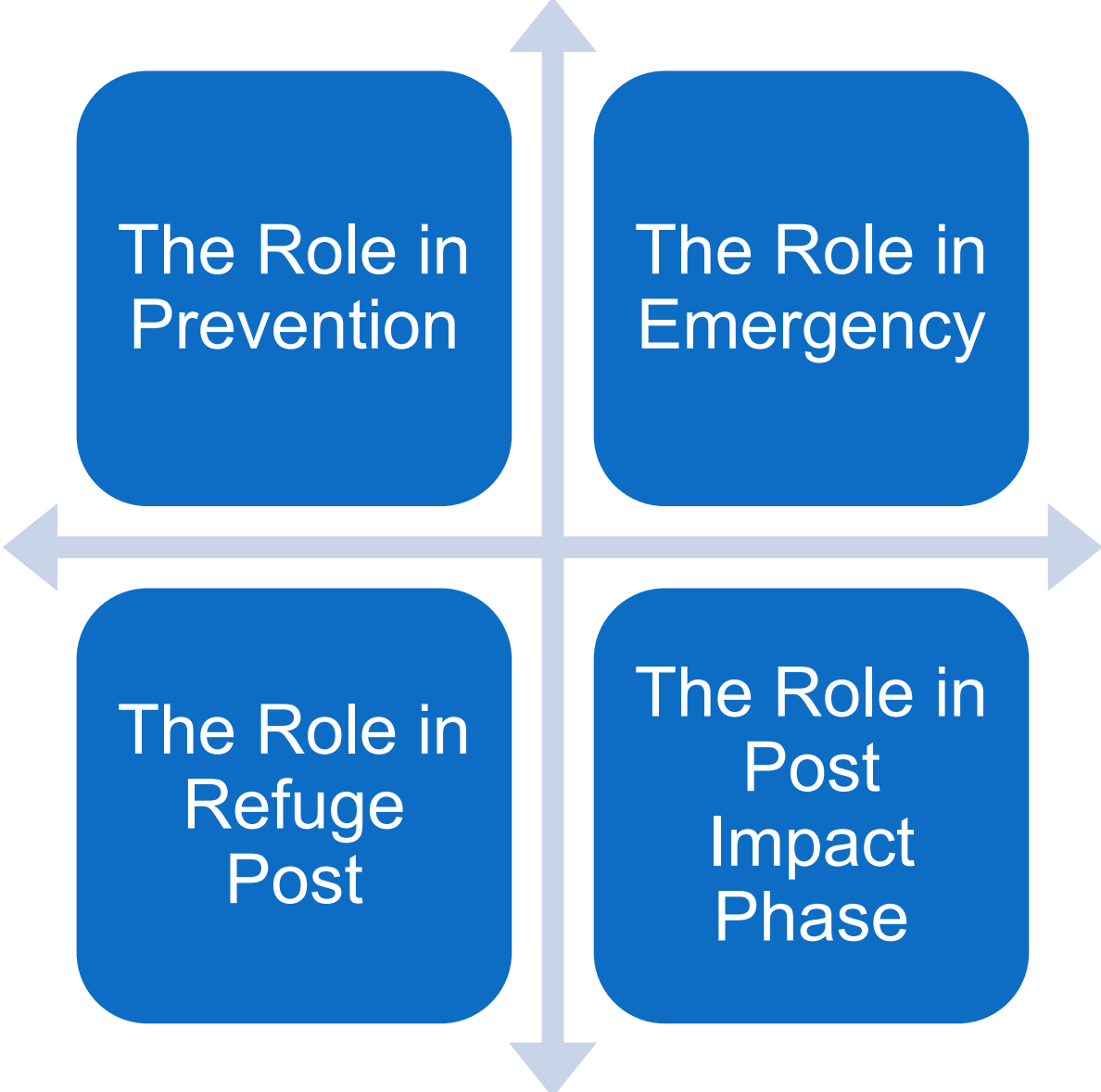
# The Contribution of Midwives

1. The health workers have a big role in overcoming the impact of disasters
2. Midwife are health workers who work in hospitals, health center, communities, and experiencing the closest impact of disasters.
3. Midwives have an essential role to play in preparing for and providing sexual and reproductive health

# The Health of Mother and Child in Disasters Condition

1. Individuals, families and communities are separated
2. The mechanism of protection, health service, education are disrupted even not functioning
3. The support of family or community don't work properly
4. The women (pregnant, maternity and postpartum women) and the children are the most vulnerable groups

# The Role of Midwives in Disaster Management



# The Role in Prevention

- Recognizing of the hazard instructions
- Identifying of the needs during of emergency phase (food, water, medicine, clothing, blanket, as well as tent)
- Training in first aid on disaster victims
- Coordinating with the various government service, environmental organizations, Palang Merah Indonesia as well as the group institutions in providing of counseling and simulations in preparation to face the threat of disasters in community.



# The Role in Emergency

- Identifying the case of patient condition

- Providing the first aid in emergencies condition

# The Role in Refuge

1. Preparing the daily midwifery care plan
2. Facilitating the schedule visits, medical consultations and routine medical checkup
3. Planning and facilitating the transfer of patients who experience maternal and neonatal emergencies also who need the treatment in hospital.

## Cont....

4. Examining and Regulating the Supply of medicines, baby and child food, and ensure the postpartum mother to breastfeed the breastmilk
5. Helping to identify the handling and placement of patients with infectious disease
6. Helping to identify the victims who are experienced psychological trauma or mental shock and collaborating with mental health nurses, psychologist and psychiatric

# The Role in Post Impact Phase

- Helping affected victims to recovery or normal physically, psychologically and socially by collaborating with many sectors and programs.

# Strengthening the Roles of Midwives

Strengthening the roles of midwives in disaster condition can be held with :

1. Upgrade the skill of midwife in handling emergencies
2. Upgrade the skill of midwife in identifying and handling the base of psychological problems
3. Upgrade the skill of midwife in communication, coordination and advocacy.

All of the skill can be reached by following formal continuing education, training or collogium

- By well preparing to participate and collaborate, midwives can make substantial contributions to the safety, health, and comfort of women and their families who have experienced a natural disaster, social conflict, or disease pandemic.
- The midwives have special capabilities and capacities in provision of reproductive health

**THANK**

**YOU**