Nursing Leadership in Disaster Management

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INTRODUCTION

- Rapid change of the world
- Increase of exposure to unexpected disaster situations
- New roles of nurses
- Nursing leadership
Disasters in Korea

- Average rainfall in Korea: 1,365 mm
  (World average: 950 mm)
- Floods and typhoons as main types of disasters in Korea

- 122 persons killed
- 17,219 persons lost their houses
- 580 million USD of property loss
Rapid industrialization and lack of safety concerns cause increase of man-made disasters.
### Major Disasters in 1990’s

<table>
<thead>
<tr>
<th>Year</th>
<th>Accident</th>
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<tbody>
<tr>
<td>1993</td>
<td>Derailment of train</td>
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<td>1993</td>
<td>Sinking of ferry</td>
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<td>1993</td>
<td>Air crash in Mokpo</td>
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<td>1995</td>
<td>Collapse of department store</td>
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<td>1995</td>
<td>Explosion of LNG</td>
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<td>1997</td>
<td>Air crash in Guam</td>
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<td>2003</td>
<td>Fire of Daegu subway</td>
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Derailment of Train (1993): 78 death & 196 injured
Air Crash in Mokpo(1993): 66 death
Air Crash in Guam (1997): 229 death & 25 injured
Heavy Rain and Flood (2006): 39 death and 773 lost houses
<Symptoms of Flood Victims>

- Physical symptoms: Skin problems, Common cold, Stress, Diarrheas
- Mental symptoms: Depression, Agitation, Hypersensitivity, Chest pain
HEALTH NEEDS IN DISASTERS

<Symptoms of Man-made Disaster Victims>

- Being disabled
- Chronic pain
- Psychological problems
NURSING ACTIVITIES

- EMTs: Rescuing first-aid
  Transferring to hospital

- Nurses in hospital ER teams

- Nurses in mobile health service teams
  Community health centers

DISASTER
NEMA Advisory Committee Activity

- National Emergency Management Agency (NEMA)
- Three nursing scholars are members
Networking with Civil NGOs:

Disaster Safety Networking (DSN)

- 9 NGOs established a network for disaster preparedness
- KNA is actively participating
Nursing Research Activities

- To develop a textbook on safety education
- To develop a community-based psychological support system
NURSING ACTIVITIES

International Relief Activities

- Volunteer Nurses (join to Korean Red Cross/ hospital teams)
- Armed Forces Nurses
EDUCATION AND TRAINING

- Mid. 1990’s: <10 nursing colleges opened disaster-related subjects
- 1999: a text book published
- 2001: KNA approved ‘Disaster Nursing’ as continuing education program
- 2004: Emergency Nurse Specialist Program opened
1st Study

‘Curriculum Development for Disaster Health Services’ (1996)

Disaster Nursing Research Center

- Center for Global Health and Disaster Nursing Studies
- Nursing Research Center at Armed Forces Academy
- Seoul Narrative Research Center (interdisciplinary research)
RESEARCH ACTIVITIES

- Curriculum development & need assessment at the level of disaster preparedness
- Studies about victims & International cooperative studies
CONCLUSION

- International networking, sharing, cooperation are important
- KNA composed TFT for disaster nursing since 2005
CONCLUSION

- Challenges for Nursing Leadership in Disaster Management

1. To be more positive in government cooperation and linking with major relief groups
2. To participate in policy-making for expanding independent and distinctive nursing roles in disaster management
3. To encourage evidence-based research through field study and international cooperative researches

4. To train managerial manpower in disaster nursing through developing a systemic training program
THANK YOU!