

management continuum, from planning and mitigation to response and recovery.

**Results:** The NDPC's responsibilities fall into the categories of all-hazards preparedness, chemical, biological, radioactive, nuclear and explosive (CBRNE) response, and general nursing practice. All-hazards preparedness includes ED staff training, policy and procedure development, and liaising with hospital emergency manager to coordinate hospital-wide efforts. CBRNE response includes the training and maintenance of a patient decontamination team, a high-risk infectious disease team, and their equipment. General nursing practice addresses research, nursing indicators as they apply to disasters, promoting evidence-based practice, and community outreach.

**Discussion:** A dedicated Nurse Disaster Preparedness Coordinator has allowed transition from intermittent larger exercises to a regular and frequent exercise schedule and better application of full-scale exercises. Overall, the creation of the role has strengthened hospital readiness for mass casualty incidents while alleviating the vast scope of emergency management responsibilities for a large suburban hospital.

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### The Role of Emergency Medical Team: Experience Acute Response in Earthquakes and Tsunami at Palu, Central Sulawesi, Indonesia, 2018

*Dr. Handoyo Pramusinto, Dr. Agung Priambodo,  
Dr. Andreas Dewanto*

Sardjito Hospital, Yogyakarta, Sleman, Indonesia

**Introduction:** The natural disasters of the earthquake and tsunami occurred in Palu, on September 28, 2018, at around 17.02 WIB. The earthquake measured 7.7 magnitude with the epicenter at a depth of 10 km in the direction of 27 km northeast of the city of Donggala, followed by a tsunami along the coast of Talise town of Palu. Some of the victims of the disaster have died, and in addition to many deaths, there were reported trauma cases such as fractures, torn wounds, and other injuries where many did not receive medical help.

**Aim:** To revitalize hospitals in Palu with the medical assistance team.

**Methods:** Sardjito hospital formed a medical team sent to the disaster area which consisted of 22 members from various disciplines (anesthetists, orthopedic surgeons, general surgeons, neurosurgeons, internal medicine doctors, pediatricians, general practitioners, anesthesia nurses, emergency nurses, surgical room nurses, sanitarians, sterilization officer, technical officers, and nutrition officers). The ICS informed the targets of this emergency response that the following must be accomplished within 2 weeks: revitalize the health care facilities and deliver health care. The sanitarian officer coordinated dealing with the problem of the former corpse in Bhayangkara Hospital by doing disinfectants in the area of the former mortuary. Sardjito Hospital's medical team revitalized health services in Bhayangkara Hospital by providing 24-hour emergency services and surgery.

**Results:** The medical team of Sardjito general Hospital gave medical service in Bhayangkara Hospital and Torabello Regional Hospital. The total number of treated patients was 158, and most cases of surgery were orthopedics.

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### A Sense of Trust, the Norwegian Way of Improving Medical On-Scene Managing Major Tunnel Incidents: An Interview Study

*Johan Hylander Mr.<sup>1,2</sup>, Britt-Inger Saveman PhD<sup>1,2</sup>,  
Lina Gyllencreutz PhD<sup>1,2</sup>*

1. Department of Surgical and Perioperative Sciences, Center for Disaster Medicine, Umeå University, Umeå, Sweden
2. Arctic Research Centre, Umeå University, Umeå, Sweden

**Introduction:** Norway is a country with many road tunnels and therefore also has experience with rescue operations in tunnel environments. Major incidents always challenge involved emergency services' management skills. Oslo, Norway has a specially trained medical on-scene commander, a function already existing in police and rescue service. Intra-agency communication and management of personnel are essential factors for a successful rescue effort.

**Aim:** To investigate the medical management provided by the specially trained Norwegian medical on-scene commander in relation to tunnel incidents.

**Methods:** Interviews were conducted with six of the seven medical on-scene commanders in Oslo. The collected data were analyzed using qualitative content analysis.

**Results:** An overarching theme emerged: A need for mutual understanding of the tunnel incident. The medical on-scene commanders established guidelines for response in collaboration with the other emergency services. By creating a sense of trust, the collaboration between the emergency services became more fluent. Socializing outside of work resulted in improved reliance on their counterparts in the other services. The management also included that the medical on-scene commander supervised his personnel on site by providing support using knowledge of the risk object and surrounding area.

**Discussion:** A forum for the emergency services on-scene commanders where they share ideas and knowledge, improve the on-scene intra-agency communication, and trust is desirable. A culture of trust between the organizations is needed for a mutual understanding. Further research on this subject is needed in other contexts and countries.

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### Sleep in Emergency Services Workers: What Do We Know and Why Does It Matter?

*Professor Sally Ferguson<sup>1</sup>, A/Professor Brad Aisbett<sup>2</sup>,  
Dr. Alexander Wolkow<sup>3</sup>, Dr. Sarah Jay<sup>2</sup>,  
A/Professor Nicola Ridgers<sup>2</sup>, Dr. Grace Vincent<sup>1</sup>*

1. Central Queensland University, Wayville, Australia
2. Deakin University, Melbourne, Australia
3. Monash University, Melbourne, Australia