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**Canadian Association of Neuroscience Nurses  
Association canadienne des infirmières et infirmiers  
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**ABSTRACTS****The neurological complications of electrical injury: A nursing case management perspective**

*By Valerie Coubrough and Paulette Warnell*

High-energy electrical injury, whether from lightning strike or electrical shock, occurs primarily in the workplace. Neurological dysfunction can be a devastating complication of electrical injury. A review of the literature was undertaken to develop a better understanding of the epidemiology, mechanisms of injury and neuropathology associated with this type of injury. The numerous challenges inherent in the management of these complex cases were illustrated by three case studies.

**Pharmacology review:****The role of ondansetron in the management of children's nausea and vomiting following posterior fossa neurosurgical procedures**

*By Susan Neufeld*

The management of nausea and vomiting is fundamental to the post-operative nursing care of children. Children who have neurosurgical procedures, especially those that involve the posterior fossa, are likely to experience nausea and vomiting in the post-operative period. The proximity of brainstem emetic centres to the surgical site compounds the usual post-operative risk factors for nausea and vomiting. Ondansetron is discussed as an agent that may be more effective than the traditionally-used antiemetics, such as dimenhydrinate and metoclopramide, in this population. Nurses must advocate for effective therapeutic measures to manage children's post-operative nausea and vomiting. Advocacy requires knowledge of high-risk groups, accurate assessment, timely intervention, and thorough evaluation of pharmacological and non-pharmacological measures.