

# WORLD HEART CONGRESS

May 22- 24, 2017 Osaka, Japan

## Vaso-vagal reflex in pediatric patients with cardiac catheterization: Integrative literature review

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Vaso-vagal reflex is a significant and common complication in pediatric patients with cardiac catheterization. Vaso-vagal reflex includes several symptoms, such as tachycardia, pressure, lightheadedness, nausea, or cyanosis, are severe threats to cause death. To understand the vaso-vagal reflex among pediatric patients with cardiac catheterization, we conducted integrative literature to review content about nursing with the reflex. We reviewed, analyzed, and synthesized published research and grey literature between 2006 and 2016. Results were found that there were 9 papers related to vaso-vagal reflex among pediatric patients with cardiac catheterization. Overall, content about vaso-vagal reflex in pediatric patients with cardiac catheterization included three aspects. First, it was assessment of disorders and complications. Because pediatric patients with cardiac catheterization experienced changes in emotional and behavioral signs, nurses should concern and focus on these changes. Second, it was nursing to prevent irregularities and complications. Nurses need to care of the pediatric patients to reduce the pain, reducing anxiety and reducing fear. Lastly, it focuses on nursing after disorders and complications. Nurses care for the patients to get drugs or fluids to cause nausea and vomiting. Moreover, they nurse the patients with Trendelenburg position to prevent vaso-vagal reflex. Although there was little paper about the vaso-vagal reflex among pediatric patients with cardiac catheterization, it was the fundamental information to study and develop nursing practice guidelines based on the evidence vaso-vagal reflex in pediatric patients with cardiac catheterization for the future research.

### Biography

Tassaniya Kraisornsawat has her expertise in "development in improving the health and wellbeing". She has built this after years of experience in research and teaching both in hospital and education institutions. Now, she is the Head Nurse of Pediatric Cardiac Intensive Care Unit of Sunpasitthiprasong Hospital, Thailand. She published works particularly on heart diseases.

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