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Journal of Hospital Pharmacy
An Official Publication of Bureau for Health & Education Status Upliftment
(Constitutionally Entitled As Health-Education, Bureau)

JOHP

Acute Haemo-Urinothorax Following Percutaneous Nephrolithotomy Surgery; Caution in Supracostal Punctures: A Case Report

Running title: Acute Haemo-urinothorax following PCNL Surgery

1. Roopesh Ramesh, MD Anaesthesiology, Department of Anaesthesiology, All India Institute of Medical Sciences, Rishikesh, India
2. Sarin P John, MD Anaesthesiology, Department of Anaesthesiology, All India Institute of Medical Sciences, Rishikesh, India
3. Preeti, Junior Resident, Department of Anaesthesiology, All India Institute of Medical Sciences, Rishikesh, India
4. Keerthi Raj S, Junior Resident, Department of Anaesthesiology, All India Institute of Medical Sciences, Rishikesh, India
5. Manasmita Dalai, Junior Resident, Department of Anaesthesiology, All India Institute of Medical Sciences, Rishikesh, India

From: Department of Anaesthesiology, All India Institute of Medical Sciences, Rishikesh, India

Corresponding author: Roopesh Ramesh, Department of Anaesthesiology, All India Institute of Medical Sciences, Rishikesh, India

Email Id: serviceheb@gmail.com

Abstract:

PCNL is the preferred treatment modality for large (>20mm) stones or complex stones. The preferred surgical position is usually prone and general anaesthesia is commonly administered. Hydrothorax, pneumothorax, hydropneumothorax, and urinothorax are among the problems that might result from pleural damage during percutaneous access. Even patients with chronic kidney disease who have normal coagulation parameters and platelet counts may be at risk of increased bleeding due to qualitative platelet dysfunction. Routine postoperative imaging of the chest is advised to assess pulmonary problems post-PCNL surgeries via supracostal access. Here we are discussing a case of an interesting postoperative pulmonary complication following PCNL surgery and strategies for early identification and management of the condition.