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

Running title: Acute Haemo-urinothorax following PCNL Surgery

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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 post-operative pulmonary complication following PCNL surgery and strategies for early identification and management of the condition.

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