

9 - Title: Middle Lobe Torsion Following Right Lower Lobectomy, A Case Report

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Background: Middle lobe torsion (MLT) occurs at an incidence of 0.09–0.4% following an upper lobectomy, while this is exceedingly rare, even fewer cases have been reported after lower lobectomy

Methods/Research Design. Case report with review of applicable literature

Results (or Preliminary Results, as applicable for a project in progress): We present a case of middle lobe torsion after right lower lobectomy. The patient was taken back to the OR for detorsion and pneumopexy, with observed viability of the tossed lobe. Postoperative course was complicated by persistent air leak which was managed with tube thoracostomy and intrapleural blood patch. Ultimately, the middle lobe was able to be preserved and the patient discharged home.

Conclusion (or Preliminary Conclusion, as applicable for a project in progress): Middle lobe torsion is a rare, but potentially catastrophic complication which can arise following lobar resection of the right lung. While classically associated with upper lobectomy this report demonstrates that it can occur after lower lobectomy as well. Prompt recognition allows for reoperation and intervention, which may allow for preservation of the affected lobe.