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Contemporary management of life threatening complications of pneumonectomy

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Purpose: This is a retrospective review of eleven cases of serious complications of pneumonectomy.

Materials and Methods: Eleven patients developed serious complication after pneumonectomy.(112 consecutive cases), which included Herniation of the Heart (1), ARDS (4), Bronchopleural fistula (4), Tension hemothorax (1) and post pneumonectomy empyema (2). All patients had emergent or urgent surgical intervention except for patients with post pneumonectomy pulmonary edema (ARDS).

Results: 3 patients died from respiratory failure and sepsis.

Conclusion: Current management has improved survival of this group of patients. However, this requires vigilance and prompt intervention in the management of these serious complications.

Biography

Sibu P Saha MD, MBA, Chief and Program Director of Residency and Fellowship Program in CT Surgery at UK. He is the Frank Spencer Endowed Chair of Surgery as well as Chairman of the Directors' Council at the Gill Heart Institute. He was the founding director of the Baptist Heart Institute in Lexington, KY. He is the benefactor of the Saha Cardiovascular Research Center. He has received many awards including the Abraham Flexner Master Educator award. He is a past president of the International College of Surgeons, US Section and International College of Angiology. He is an Alley-Sheridan Fellow, Kennedy School of Government at Harvard.

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