Images in cardio-thoracic surgery

Tracheal compression by esophageal mucocele after surgical exclusion of the esophagus

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A 43-year-old male was admitted to our hospital complaining of wheezing sound at respiration. He had received esophageal exclusion by left open thoracotomy, feeding gastrostomy and delayed cervical esophagogastronomy due to spontaneous rupture 1 year ago. Chest X-ray and CT revealed esophageal mucocele (Fig. 1). The mucocele along with the rest of the intrathoracic esophagus was resected via a right thoracotomy.

Fig. 1. Chest PA showing mediastinal mass and chest CT showing retrosternal stomach (white arrow) and large esophageal mucocele compress trachea (black arrow).