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## Giant chest teratoma with huge spleen tumor: A very rare case

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**Introduction:** Teratomas are tumors composed of tissues derived from more than one germ cell line. They manifested with a great variety of clinical and radiological features, while sometimes they simply represent incidental findings. We report a case of a giant left hemithorax teratoma in a 38-year-old female with huge spleen tumor and review the relevant literature.

**Case presentation:** A 38-year-old female was referred from a peripheral hospital to our hospital as a case of progressively aggravating dyspnea at rest, cough and intermittent fever. The chest X-ray showed a large opacity of the entire left hemithorax. On admission in our hospital, she was stable. On chest auscultation, breath sounds on the left side were absent. There was splenomegaly and no adenopathy. The thoracic CT-scan revealed a huge mass (20×15×18 cm), containing multiple elements of heterogeneous density, probably originating from the mediastinum, occupying the whole left hemithorax. The mass compressed the vital structures of the mediastinum, great vessels and airways. No mediastinal lymphadenopathy, pleural effusion or thickening was noted. The spleen tumor was occupying the whole spleen without any other abdominal manifestations. Routine hematological tests were within normal limits. Mantoux test was negative. The patient underwent left thoracotomy and the tumor was totally resected. The size of the tumor was extremely large although no invasion to the vessels or to the airway had occurred. Laparoscopic splenectomy was done in the same sitting and the spleen was delivered from the old cesarean incision. The patient was shifted intubated to the ICU and extubated on the second postoperative day. Postoperative course was uneventful and she was discharged on the 5<sup>th</sup> postoperative day. The histopathological examination revealed a benign mature teratoma and cystic lymphangiomas of the spleen.

**Conclusion:** To our knowledge and after reviewing the available literatures this is the first case of huge mature pulmonary teratoma with large cystic lymphangiomas of the spleen. The laparoscopic splenectomy was very helpful to achieve fast recovery.

### Biography

Hemal M Alsubaie is a Medical Student at Taif University for Bachelor of Medicine and Surgery (MBBS). He has attended the CME/PD activity of the Basic Operative Surgical Skills 2013, the 10<sup>th</sup> Annual Saudi General Surgery Society Congress 2015 and also attended Seventh Medical Profession Day in 2015. He has presented in the First Scientific Symposium of Medical Students at College of Medicine, Taif University in 2016.

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