**Thymoma and differential diagnosis, other mediastinal tumours**

**Case 1**  Male 57, thymic tumour  B2

**Case 2**  Male 61, thymic tumour  B1

**Case 3**  Female, 49, tumour anterior mediastinum  AB (spindle cell thymoma >10% TdT+ lymphocytes)

**Case 4**  Female, 51, tumour anterior mediastinum  B3

**Case 5**  Male, 50, thymic mass  Atyp A "A3"

**Case 6**  Male, 43, mass superior mediastinum  Paraganglioma

**Case 7**  Female, 60, tumour anterior mediastinum  Thymic carcinoid

**Case 8**  Male, 45, thymic tumour. Stage?  AB, Masaoka IIa

**Case 9**  Female, 38, thymectomy for myasthenia  Follicular thymic hyperplasia

**Case 10**  Female, 33, tumour anterior mediastinum  Castleman

**Case 11**  Female, 44, thymic tumour  Micronodular thymoma with lymphoid stroma

**Case 12**  Male, 60, tumour anterior mediastinum  Thymic carcinoma

**Case 13**  Female, 16, mass in mediastinum, 5,5cm  NUT

**Case 14**  Male, 63, incidentally discovered mediastinal / thymic nodule during bypass surgery  Multilocular thymic cyst with squamous metaplasia

**Case 15**  Male, 64, thymic tumour  Metaplastic thymoma
Case 16  Male, 68, wedge resection lung, previous history mediastinal mass  metastasectomy type A thymoma

Case 17  Male, 51, anterior mediastinal mass  Thymic cyst
  Probably with solitary fibrous tumour!

Case 18  Male, 42, huge mass in anterior mediastinum, few complaints  Thymolipoma

Case 19  Female, 67, Tumor in posterior mediastinum, attached to aortic arch and vagus nerve, present for a long time  hemangioendothelioma (angioma) with lipomatous component

Case 20  Female, 20, mediastinal and pleural mass  epithelioid hemangioendothelioma

Case 21  Male, 82, Mediastinal mass fixed to lung and pericardium, encapsulated  Solitary fibrous tumour

Case 22  Female, 24, tumour in the posterior mediastinum  Monophasic synovial sarcoma

Case 23  Male, 56, Mediastinal mass  Schwannoma

Case 24  Female, 45, tumour in the mediastinum extending to diaphragm  Ganglioneuroma

Case 25  Female, 23, tumour in posterior mediastinum  Ganglioneuroma

Case 26  Female, 11 months, tumour in mediastinum, post chemotherapy  (Maturing) Ganglioneuroblastoma

Case 27  Male, 15, mediastinal mass and multiple lung nodules  Choriocarcinoma

Case 28  Male 18, mediastinal tumour  Embryonal carcinoma

Case 29  Male, 14, central mediastinal mass  Osteosarcoma
  Query: non secondary non-GCT?

Case 30  Male, 40, mediastinal tumour. High LDH, night sweats  Sclerosing mediastinal B-cll lymphoma
**Test case 1**  Male, 64, mediastinal mass

**Micronodular thymoma**

**Test case 2**  Female, 26, Centrally located mediastinal tumour between aorta and trachea, 5,5cm. Pre-operative diagnostic attempts unsuccessful, primary resection

**Castleman**

**Test case 3**  Male, 44, central mediastinal mass

**Schwannoma**

**Test case 4**  History of coronary bypass graft. Abnormal structure in superior mediastinum

**Thymic carcinoma**

**Test case 5**  Male, 59. Thymic tumour

**B3**

**Test case 6**  Male, 35, mediastinal mass, 16cm

**Thymic carcinoid**

NB history of hyperparathyroidism (MEN-1)

**Test case 7**  Male 50, mediastinal tumour

**Choriocarcinoma**

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**Literature**

**Journal of Thoracic Oncology – Sept 2014 Volume 9 supplement 2**

**A special issue on Thymoma and mediastinal pathology**

**Articles available FREE**

[http://journals.lww.com/jto/toc/2014/09002](http://journals.lww.com/jto/toc/2014/09002)

**Histologic Classification of Thymoma: A Practical Guide for Routine Cases**

den Bakker MA, Roden AC, Marx A, Marino M J Thor Oncol (2014) 9(9) S125-S130

**ITMIG consensus statement on the use of the WHO histological classification of thymoma and thymic carcinoma: refined definitions, histological criteria, and reporting.** Marx et al., J Thorac Oncol. 2014 May;9(5):596-611.

Tumours and tumour-like conditions of the thymus other than thymoma; a practical approach. den Bakker MA1, Oosterhuis JW. Histopathology (2009) 54(1):69-89.