



da Vinci® robotic procedure

Anterior mediastinal tumor

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Resection of anterior mediastinal tumor with da Vinci® robotic system

40-year-old ♀

- excision benign ovarian cyst
- Cushing syndrome: laparoscopic adrenalectomy 11/09
- laparoscopic appendectomy 12/09
- hypertension, smoking, hyperlipidemia





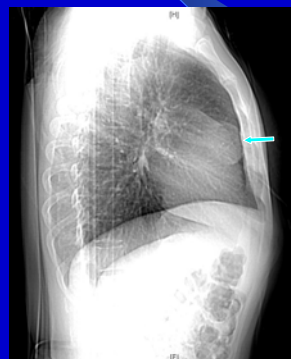
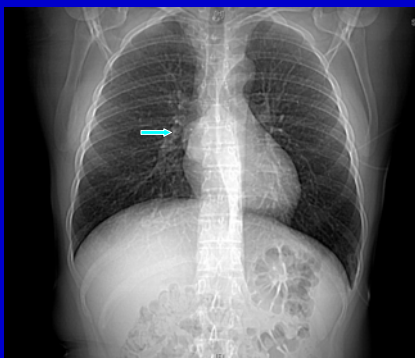
Resection of anterior mediastinal tumor with da Vinci® robotic system

40-year-old ♀

- incidental finding anterior mediastinal tumor
- chest CT diameter 4.5 cm
- PET scan: no isotope uptake

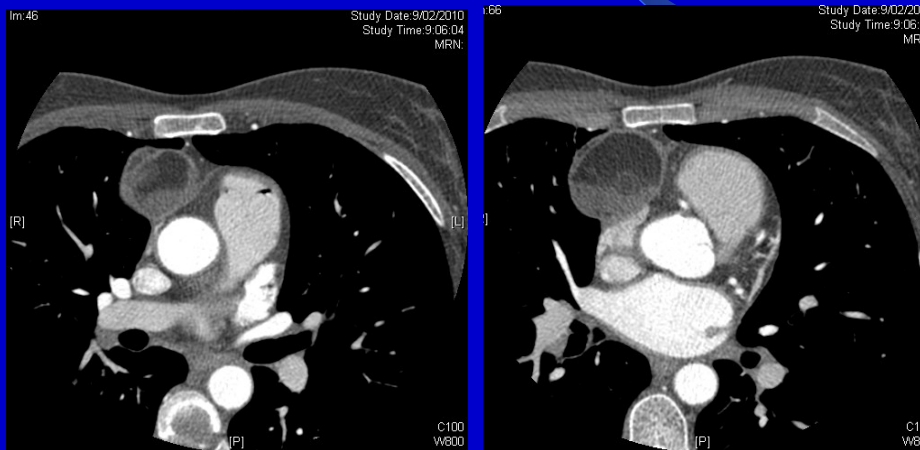


Resection of anterior mediastinal tumor with da Vinci® robotic system





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Resection of anterior mediastinal tumor with da Vinci® robotic system

- 3 arm robotic system
- 3D image
- intuitive system , highly flexible wrists
- double lumen endotracheal tube
- 3 central ports + 1 or 2 additional ports





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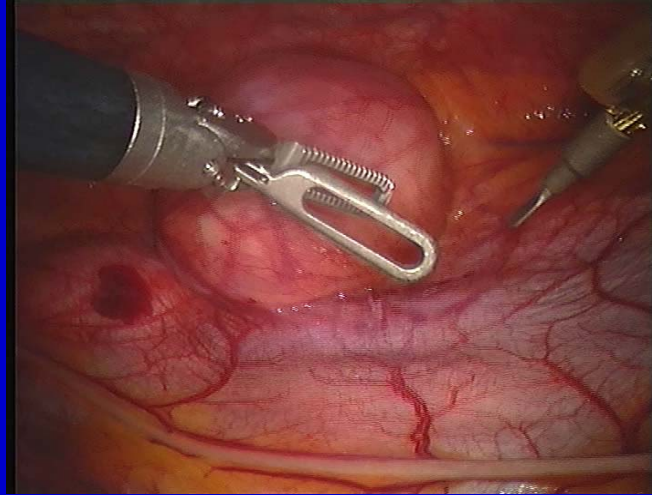


video





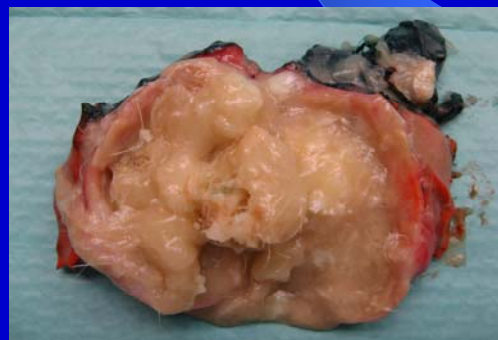
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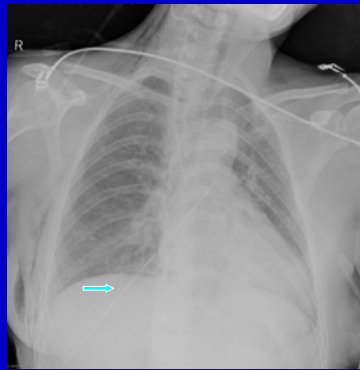
Pathological diagnosis

- mature cystic teratoma
- no signs of malignancy
- complete resection

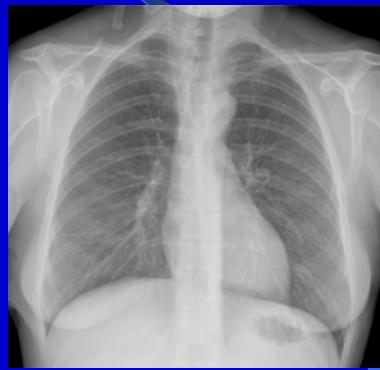




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chest X-ray 230210



chest X-ray 010310



da Vinci® robotic system

- superb 3D visualisation
 - intuitive system, highly flexible robotic arms
- but*
- no tactile sense
 - limited working space
 - high cost

