RADIOGRAFIA DE TÒRAX
INTERPRETACIÓ

Sergi Juanpere
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Radiòleg Cardiotoràcic. Hospital Universitari Doctor Josep Trueta de Girona i Hospital Santa Caterina de Salt

CAMFiC
societat catalana de medicina familiar i comunitària

No existeixen conflictes d'interès

Salut/ Trueta Hospital de Girona

Salut/ Institut de Diagnòstic per la Imatge

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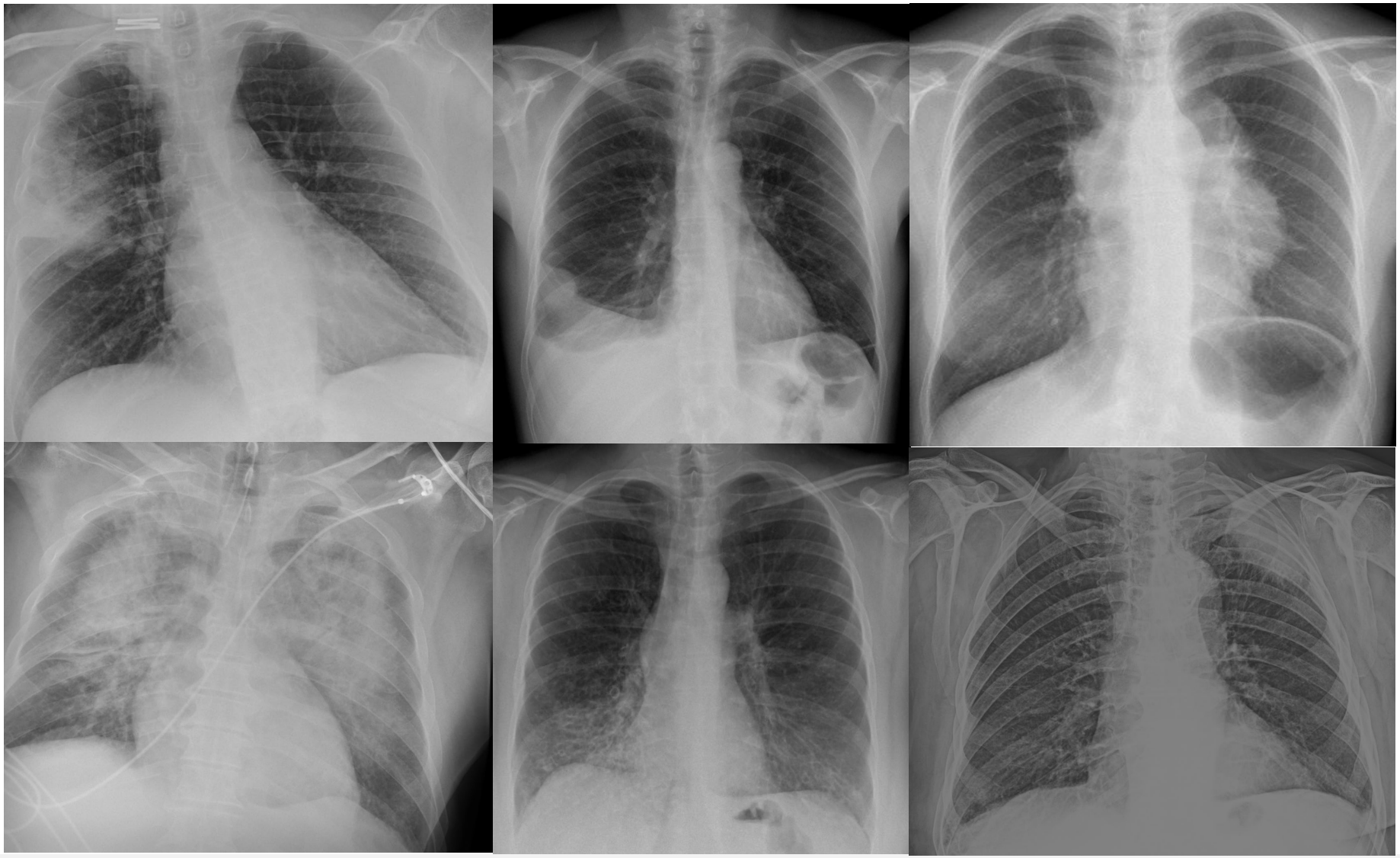
RADIOGRAFIA TÒRAX. INTERPRETACIÓ



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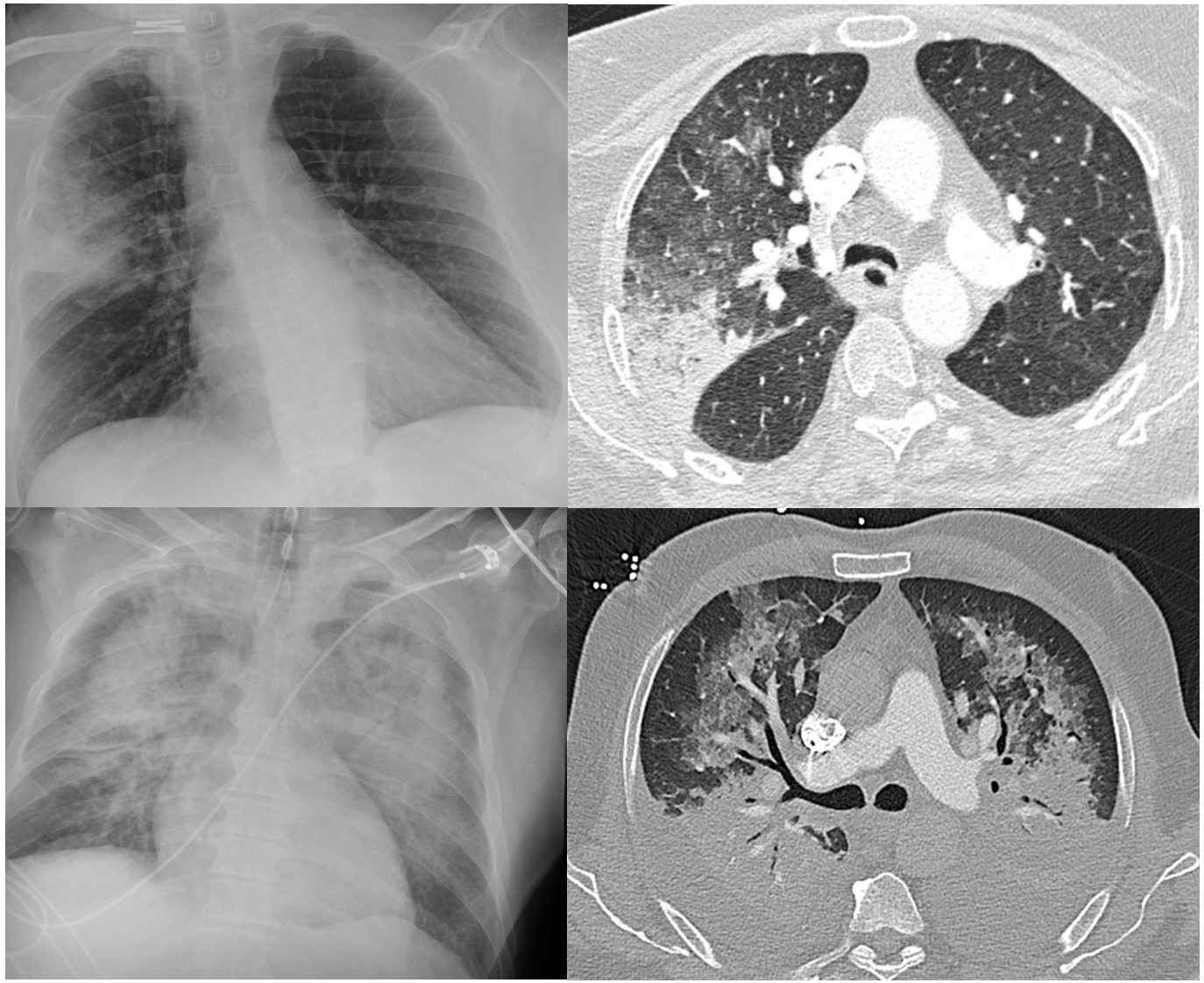

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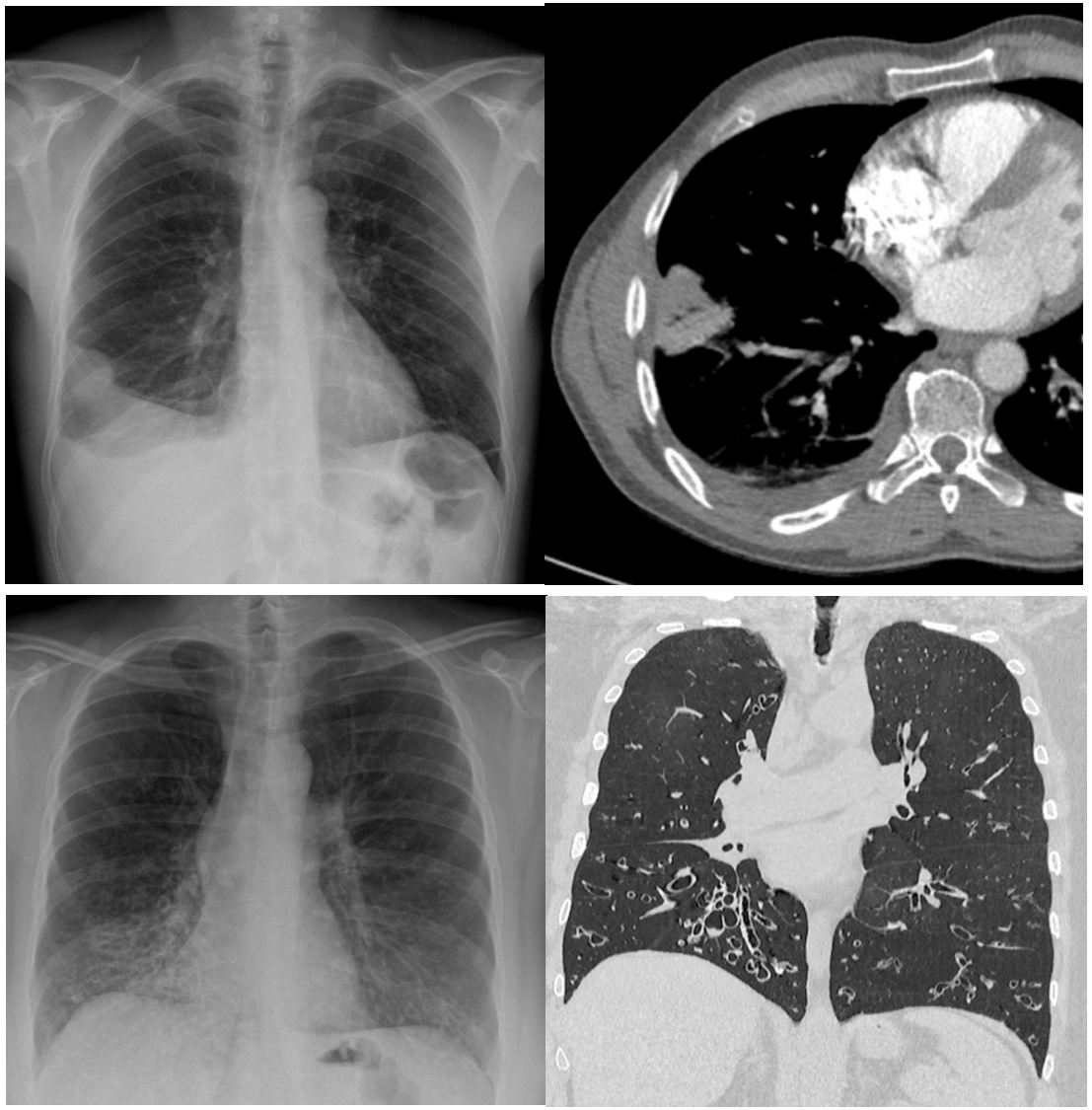

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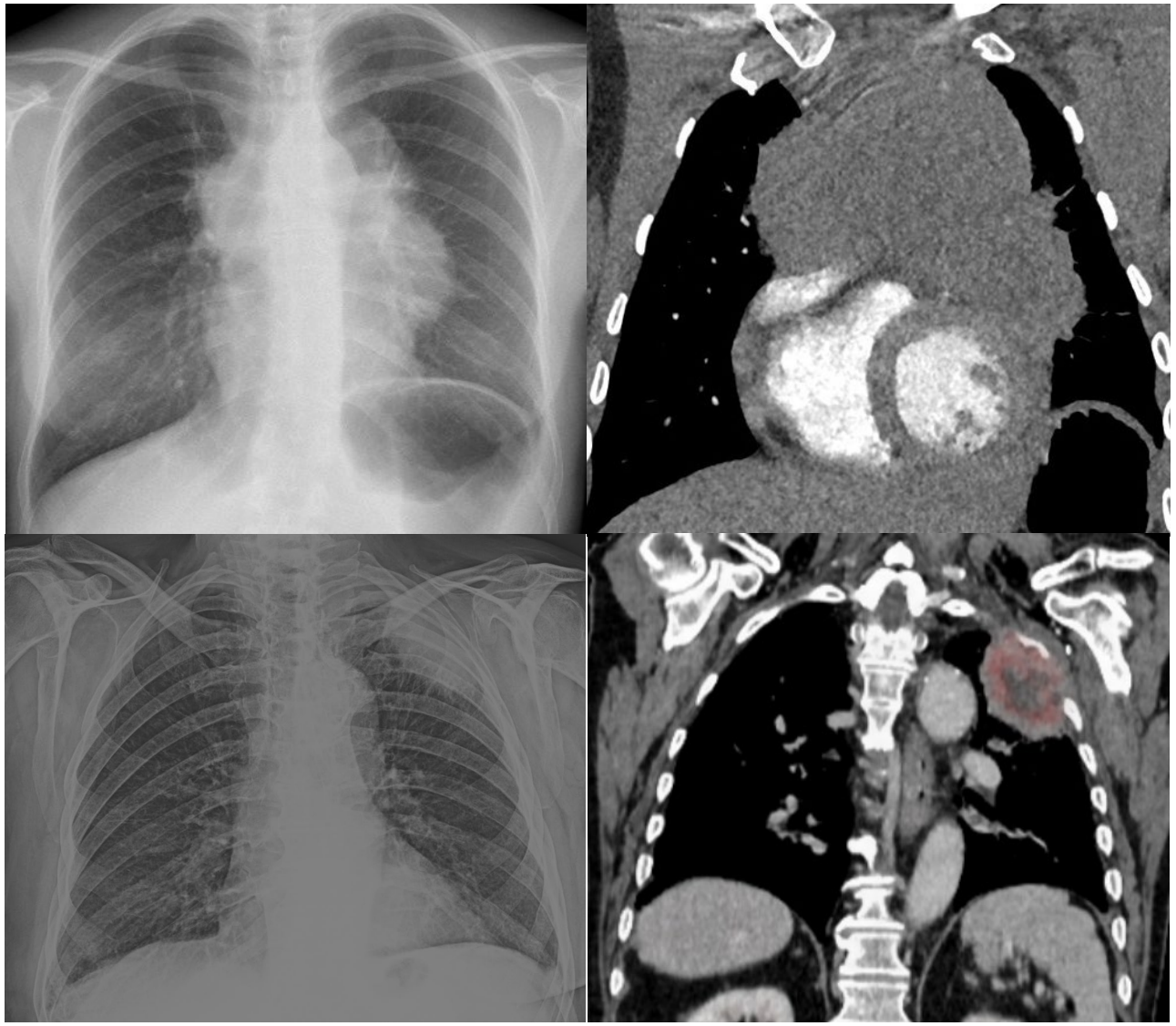

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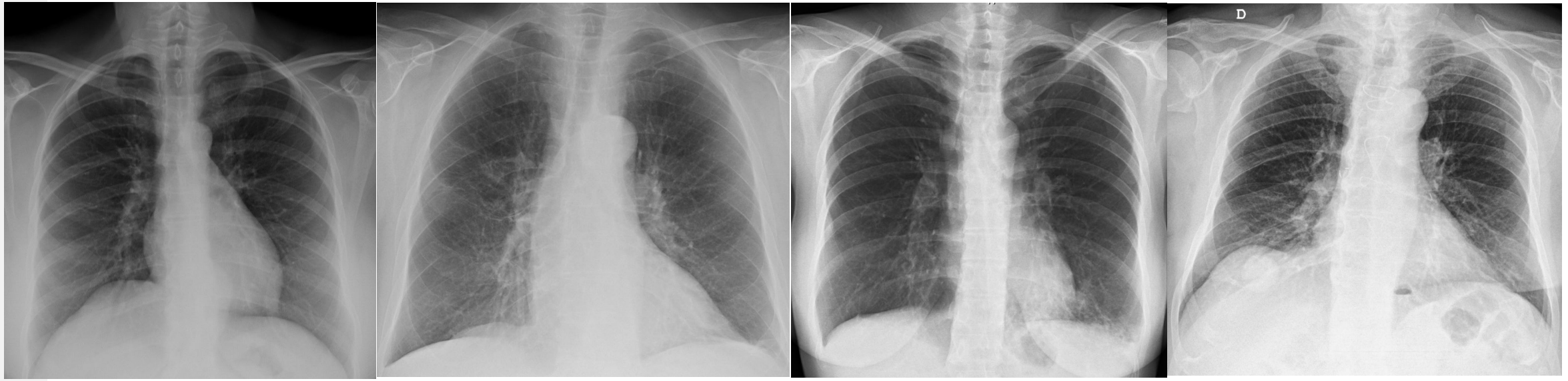

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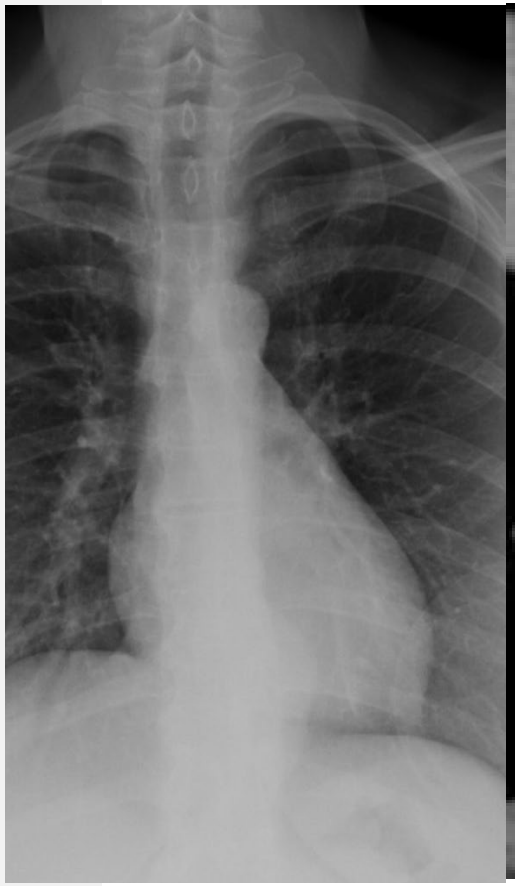
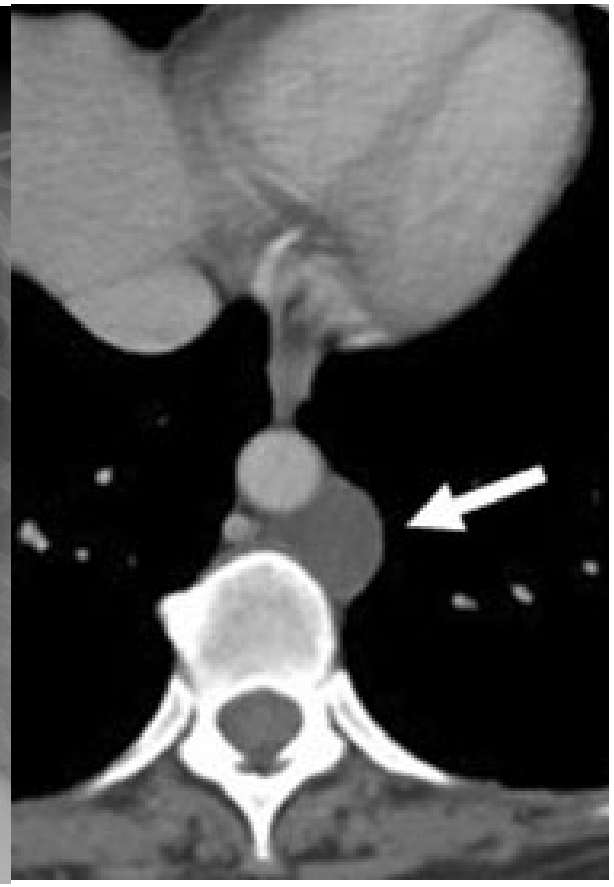
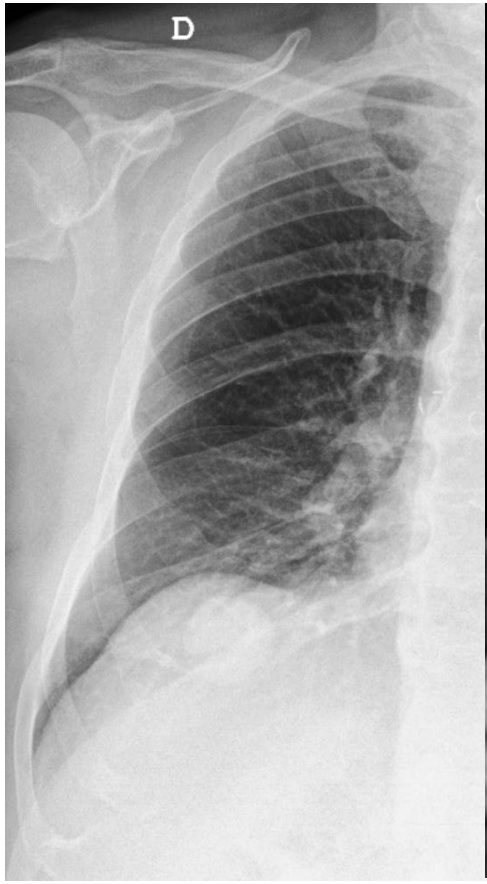
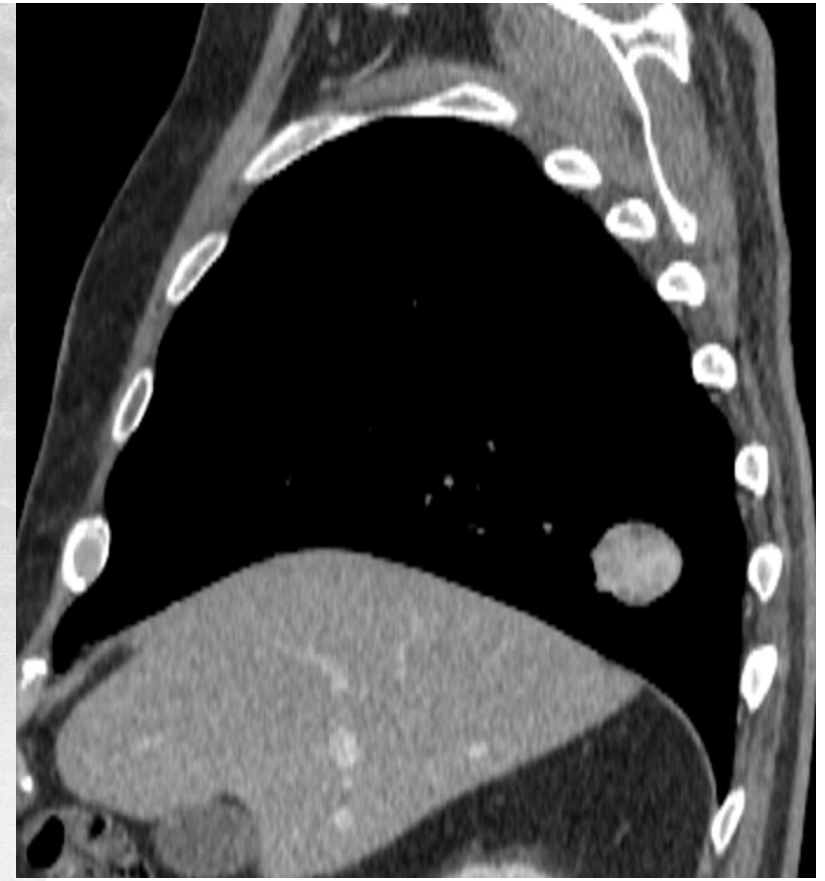




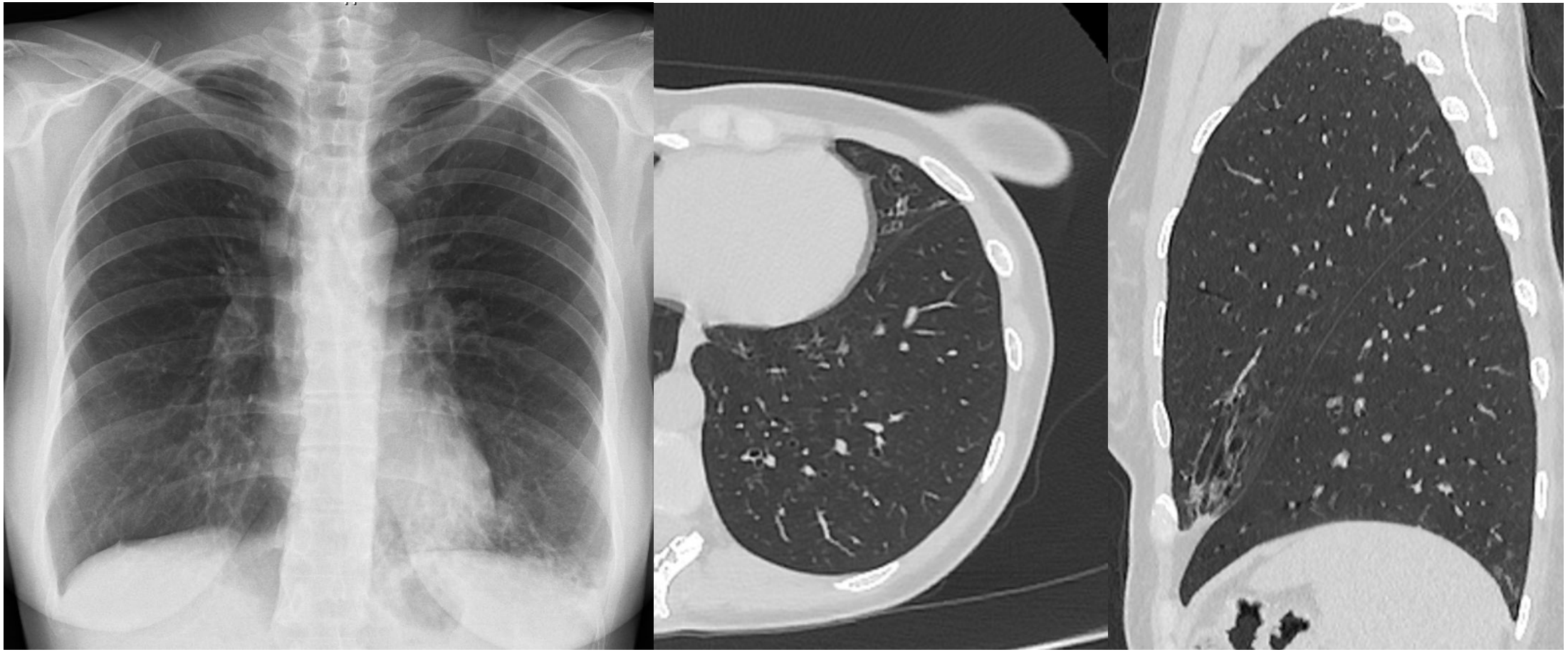




25% *PARÈNQUIMA PULMONAR QUEDA* ***AMAGAT*** *PER:*

- *MEDIASTÍ*
- *SILUETA CARDIOVASCULAR*
- *DIAFRAGMES*

RADIOGRAFIA TÒRAX. INTERPRETACIÓ



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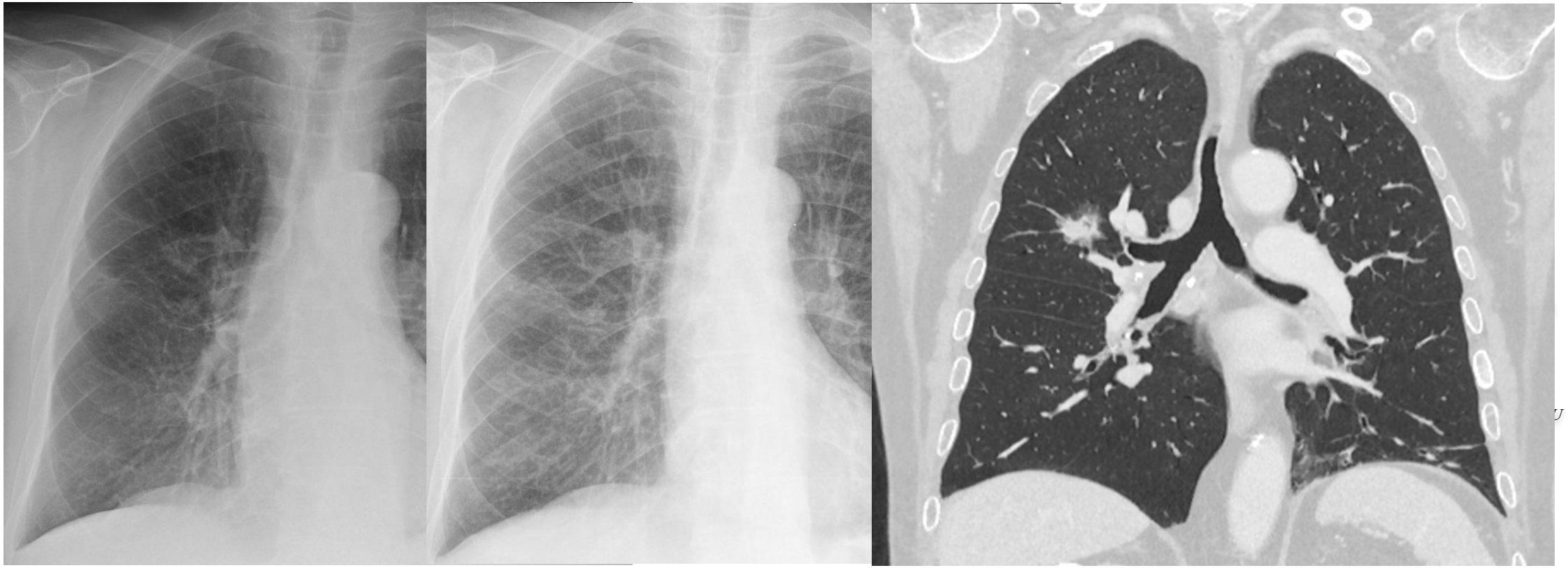
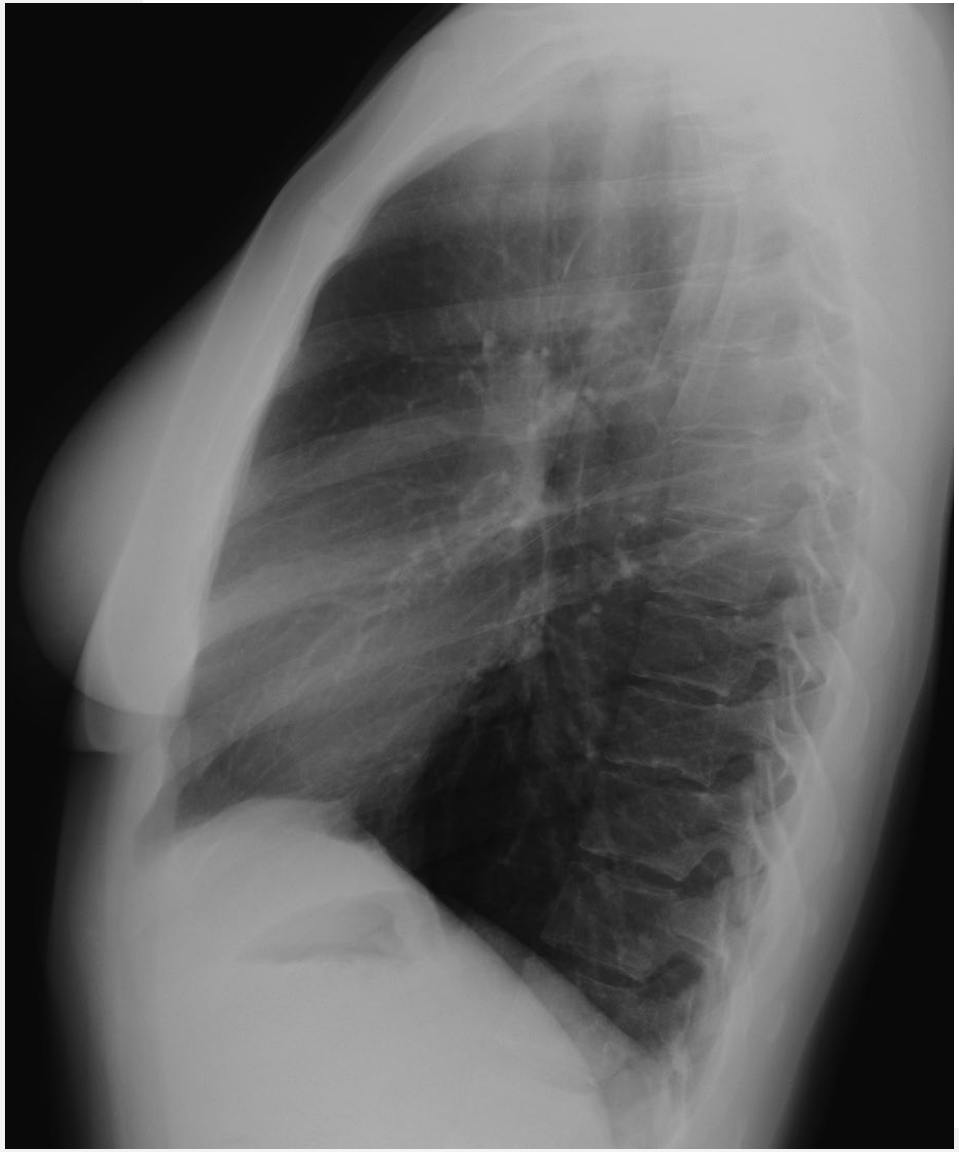


MEDIASTI

HILIS PULMONARS

RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics



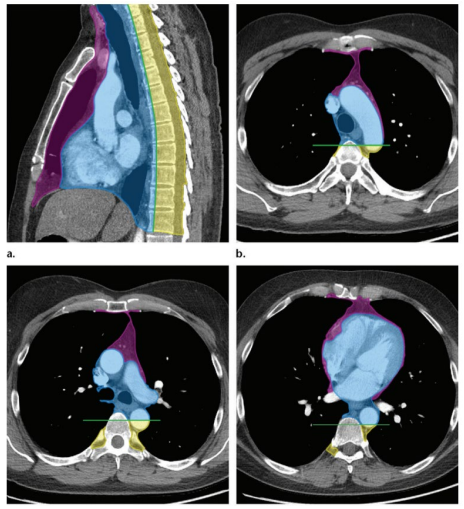
Felson B, 1969,1969

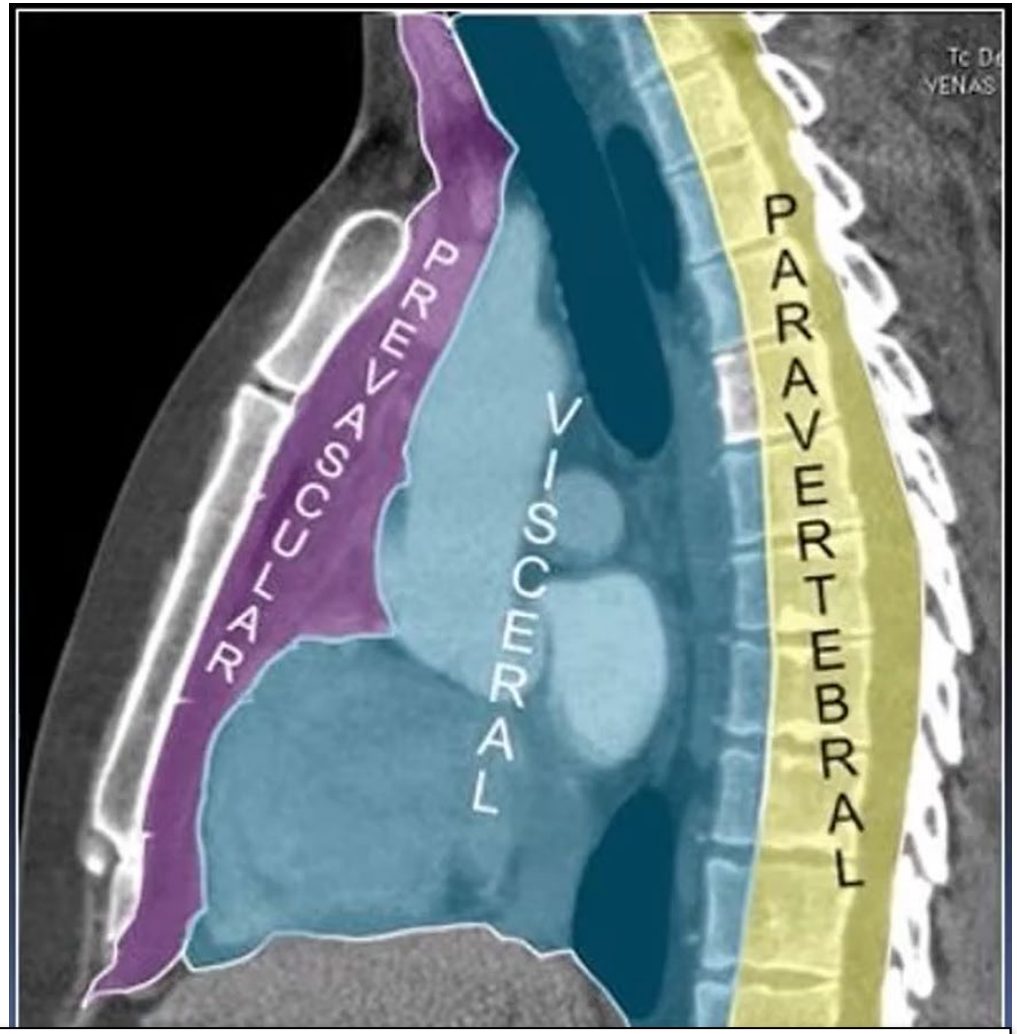
Heitzman ER, 1977

Zylak CJ, 1982

Pedrosa C, 1985, 2017

Whitten CR, 2007

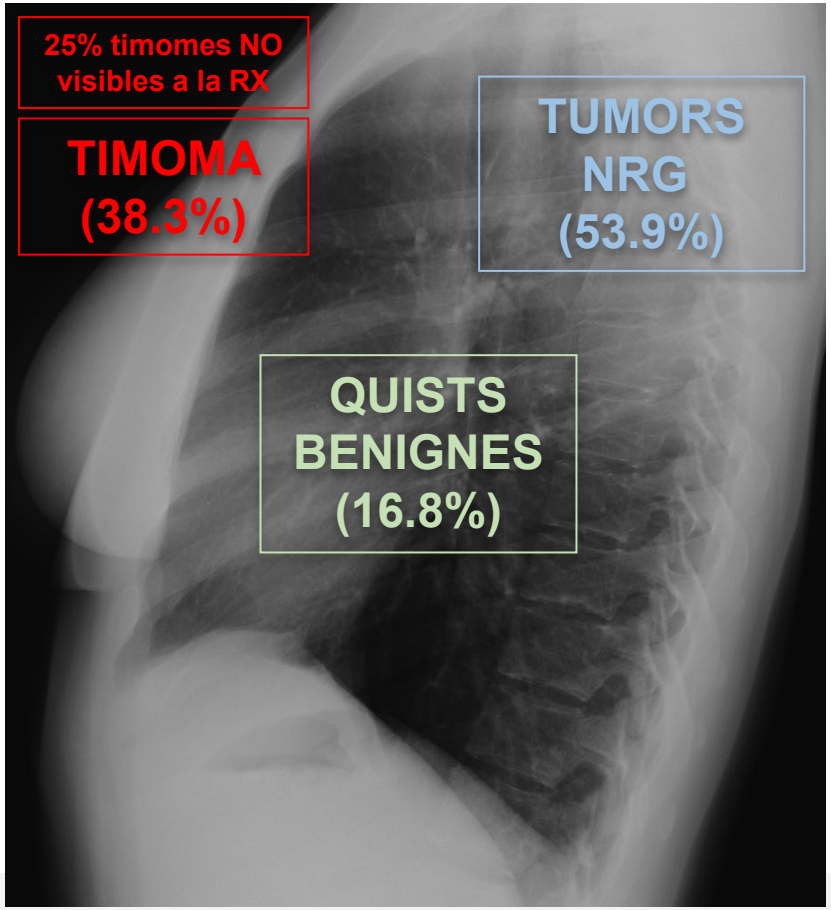


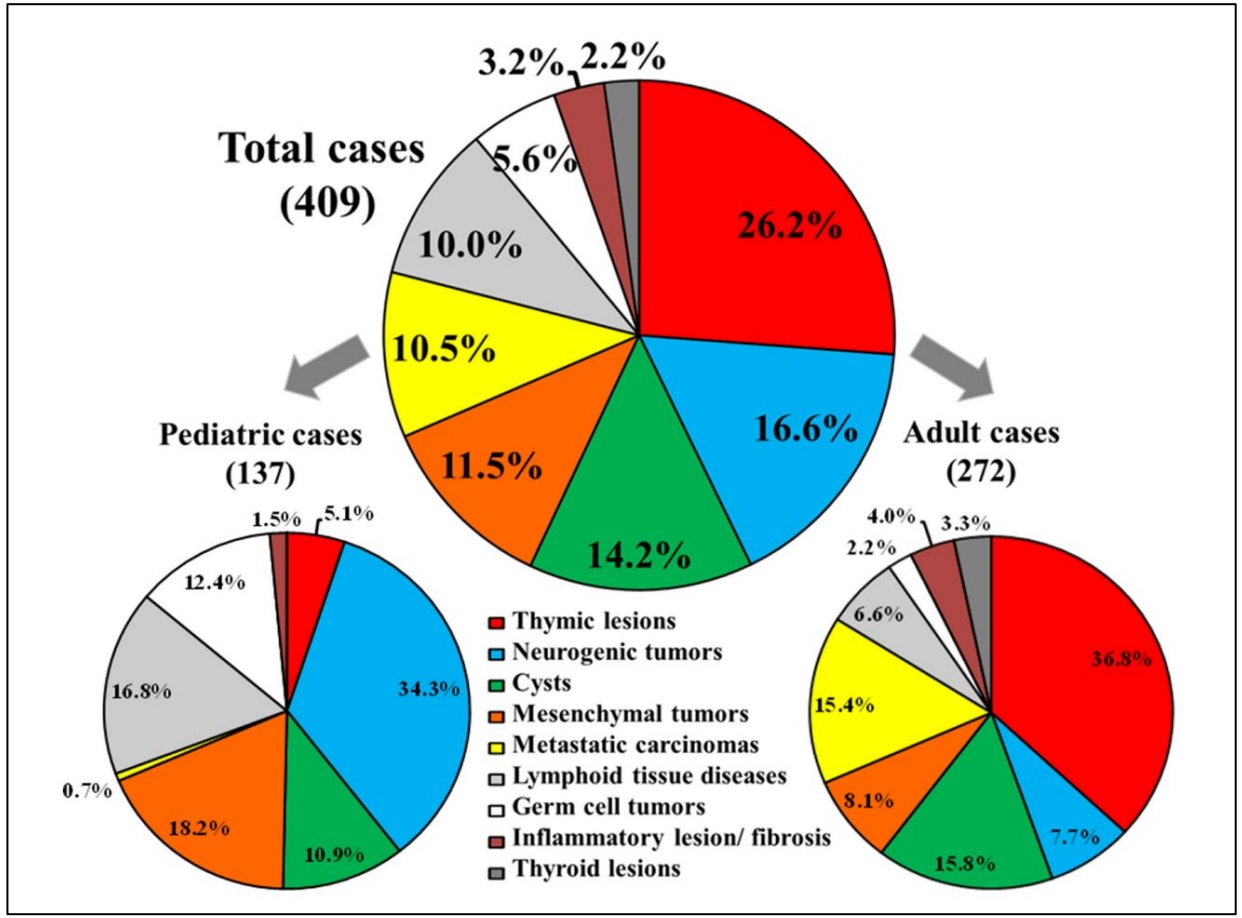


Carter BW et al. ITMIG Classification of Mediastinal Compartments and Multidisciplinary Approach to Mediastinal Masses. Radiographics 2017 37:413–436

RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics

Roden AC et al. Distribution of mediastinal lesions across multi-institutional, international, radiology databases. J Thorac Oncol 2019 15;4:568-579





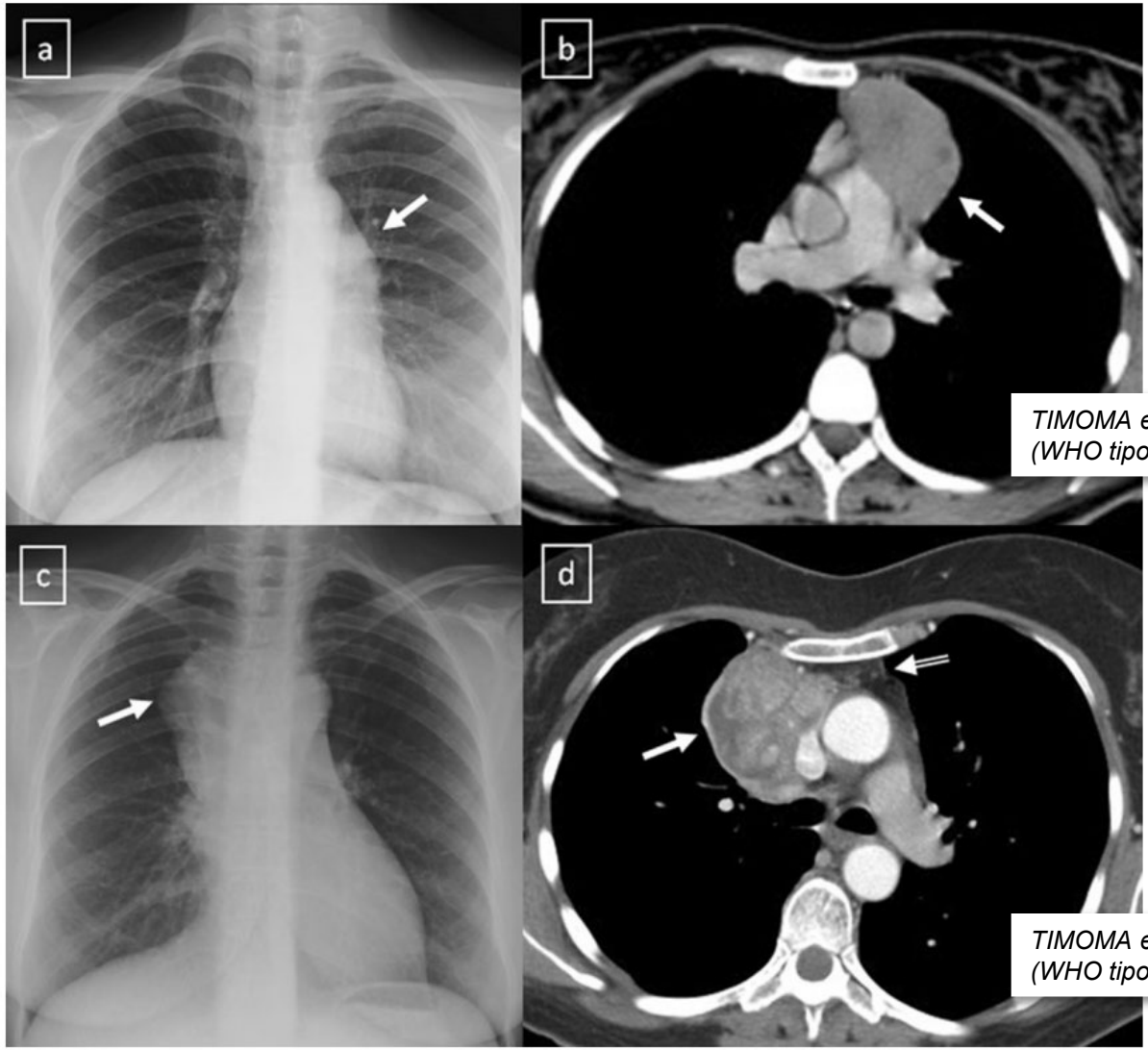
Liu T et al. Mediastinal lesions across the age spectrum: a clinicaopathological comparison between pediatric and adults patients. Oncotarget 2017 8;35:59845-59853

RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics

Juanpere S et al. A diagnostic approach to the mediastinal masses. Insights Imaging 2013 4:29-52

85% Tumors malignes seràn SIMPTOMÀTICS

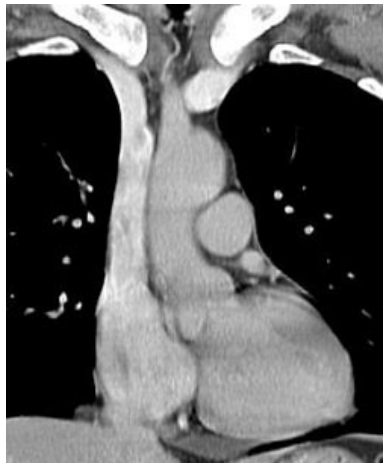
TOS (57-60%) i DOLOR (30%). Dispnea, febre, disfàgia, ronquera, SDVCS...

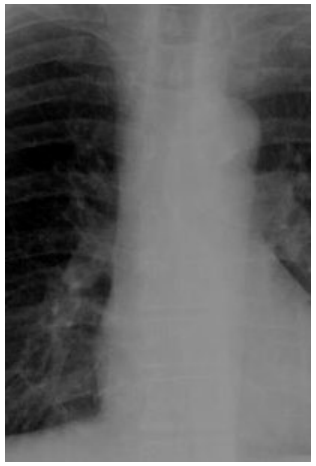


TIMOMA estadi Ii (WHO tipo B1)

TIMOMA estadi III (WHO tipo B2)

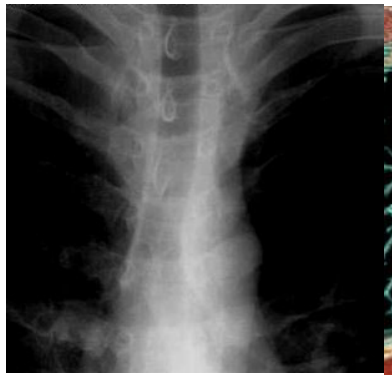
RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics

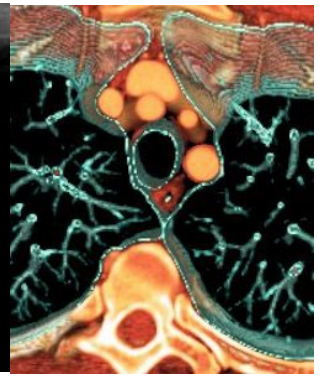




***Interfase VCS**:*

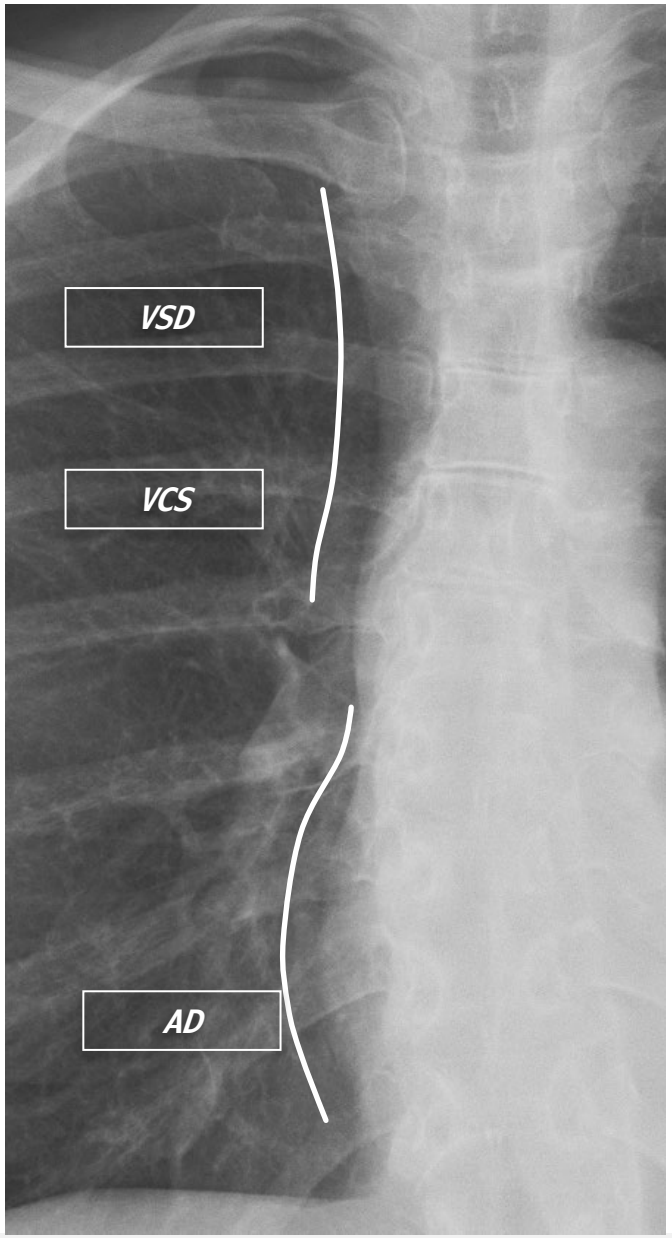
Marge dret VCS delimitat per pulmó, formant una interfase lateral lleugerament còncava





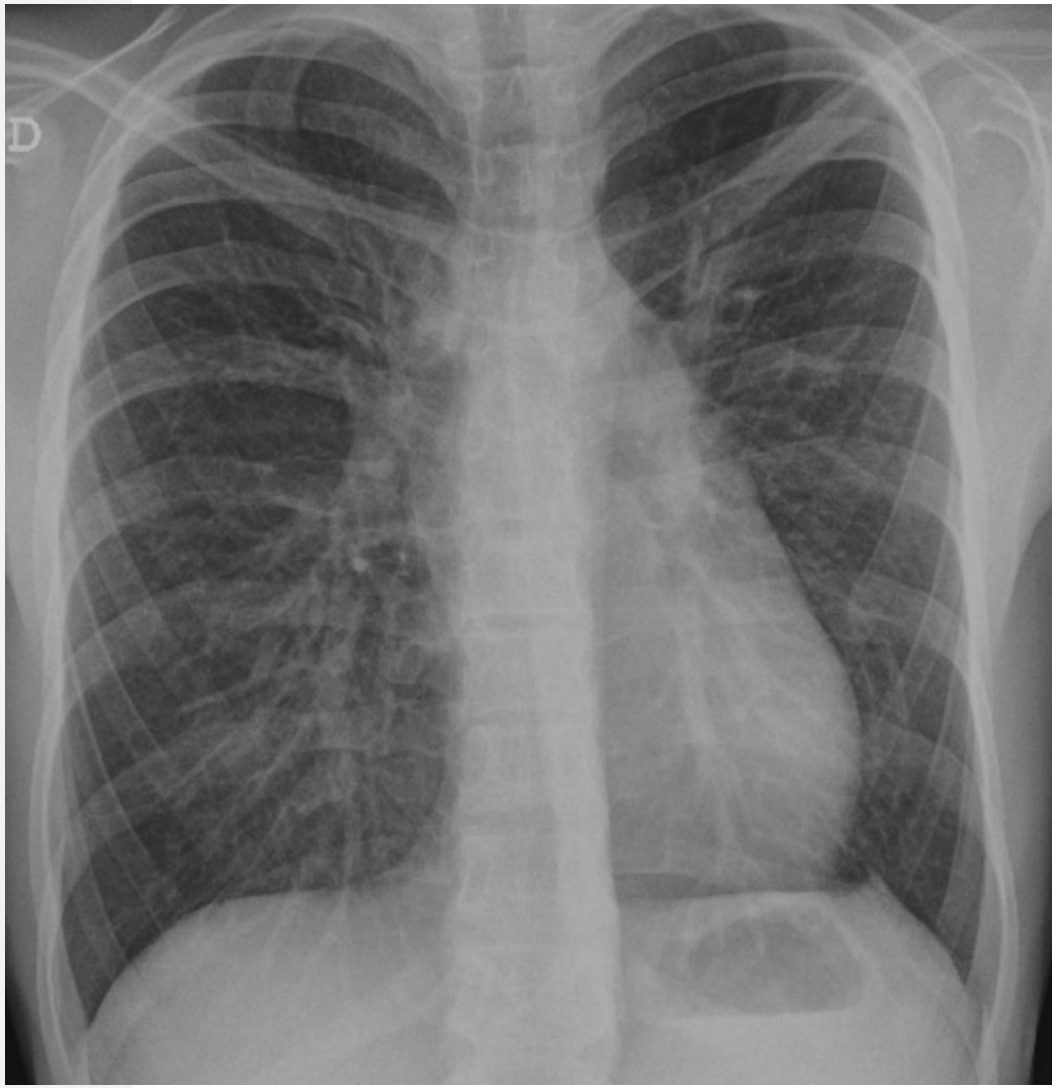
***Banda paratraqueal dreta**:*

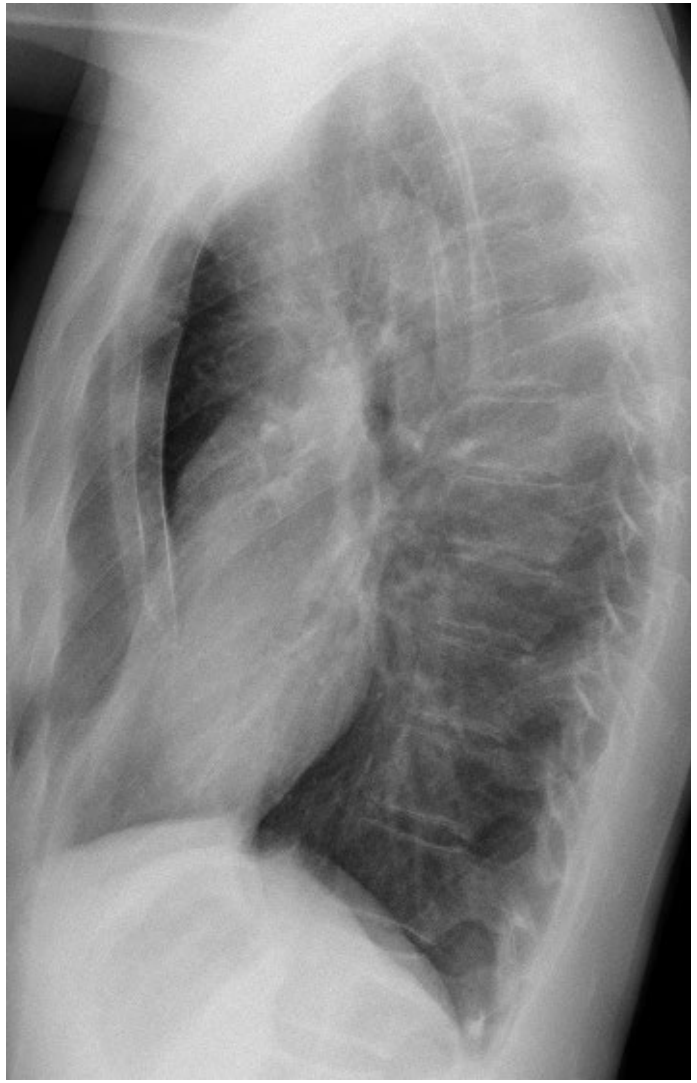
línia de contacte entre pulmó i paret lateral de la tràquea

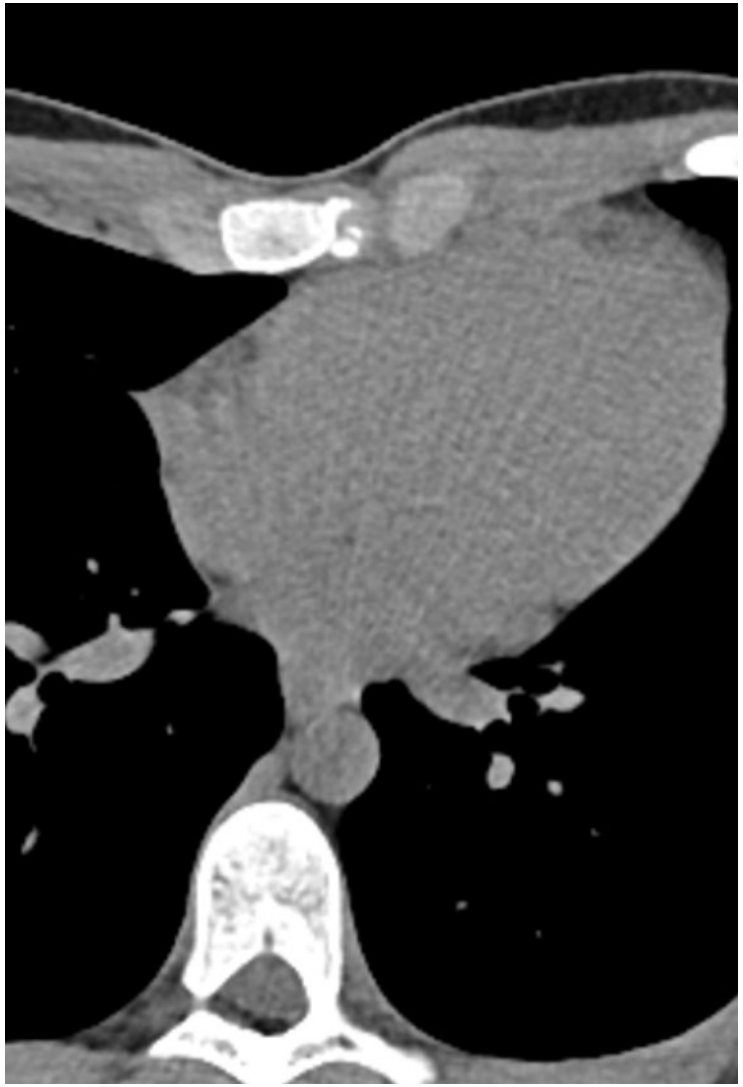


MARGE MEDIASTÍNIC DRET

RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics







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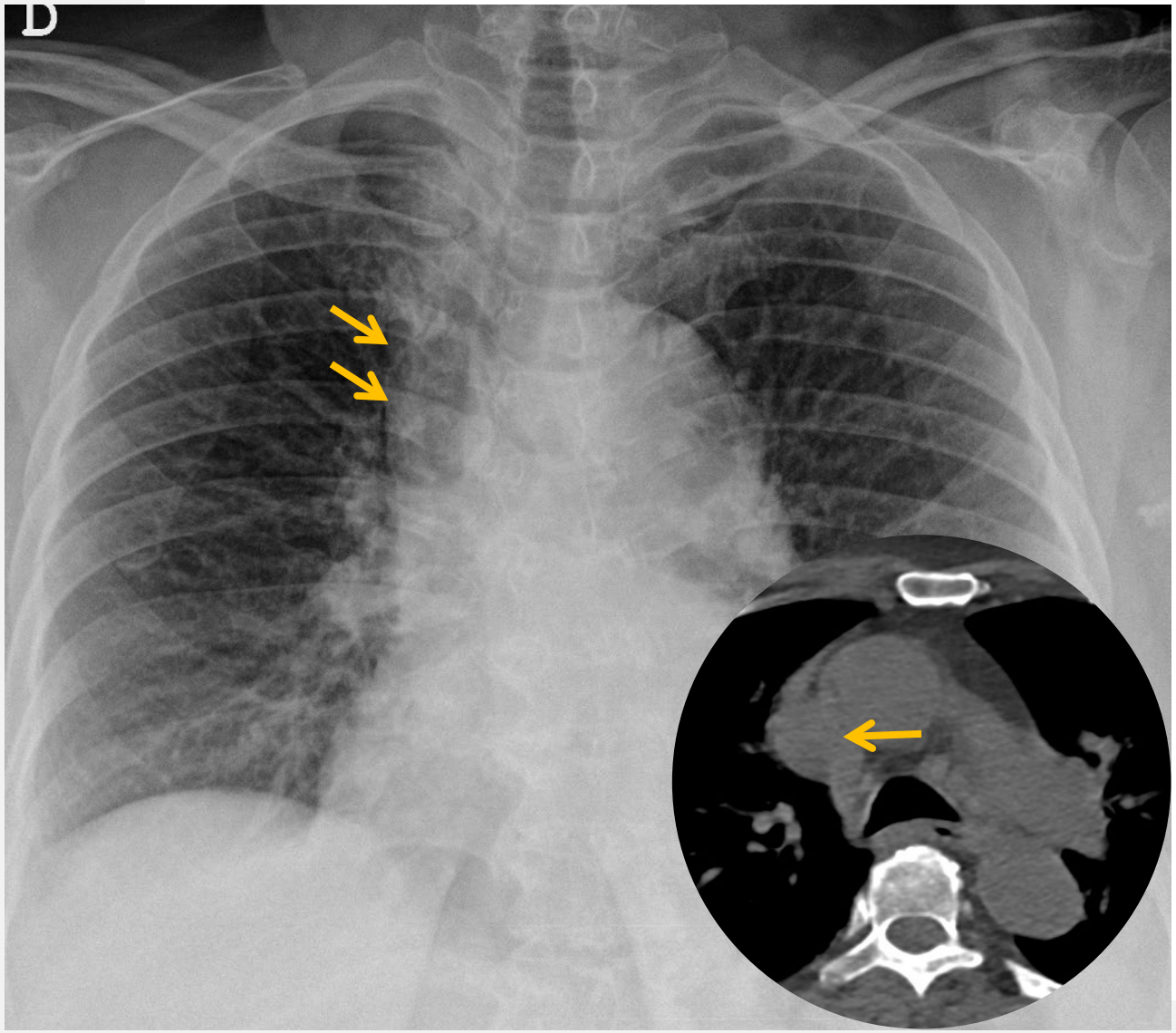

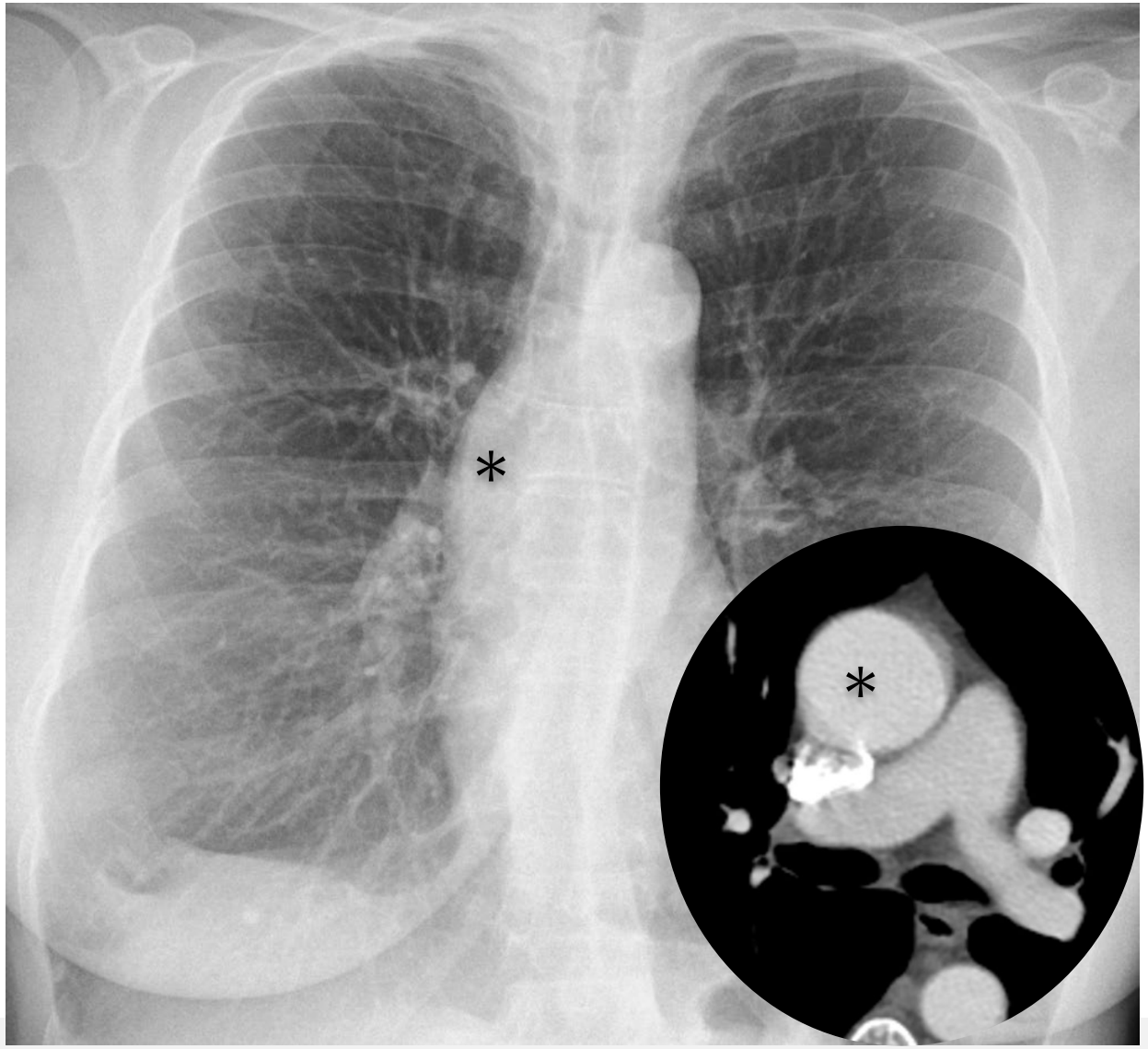

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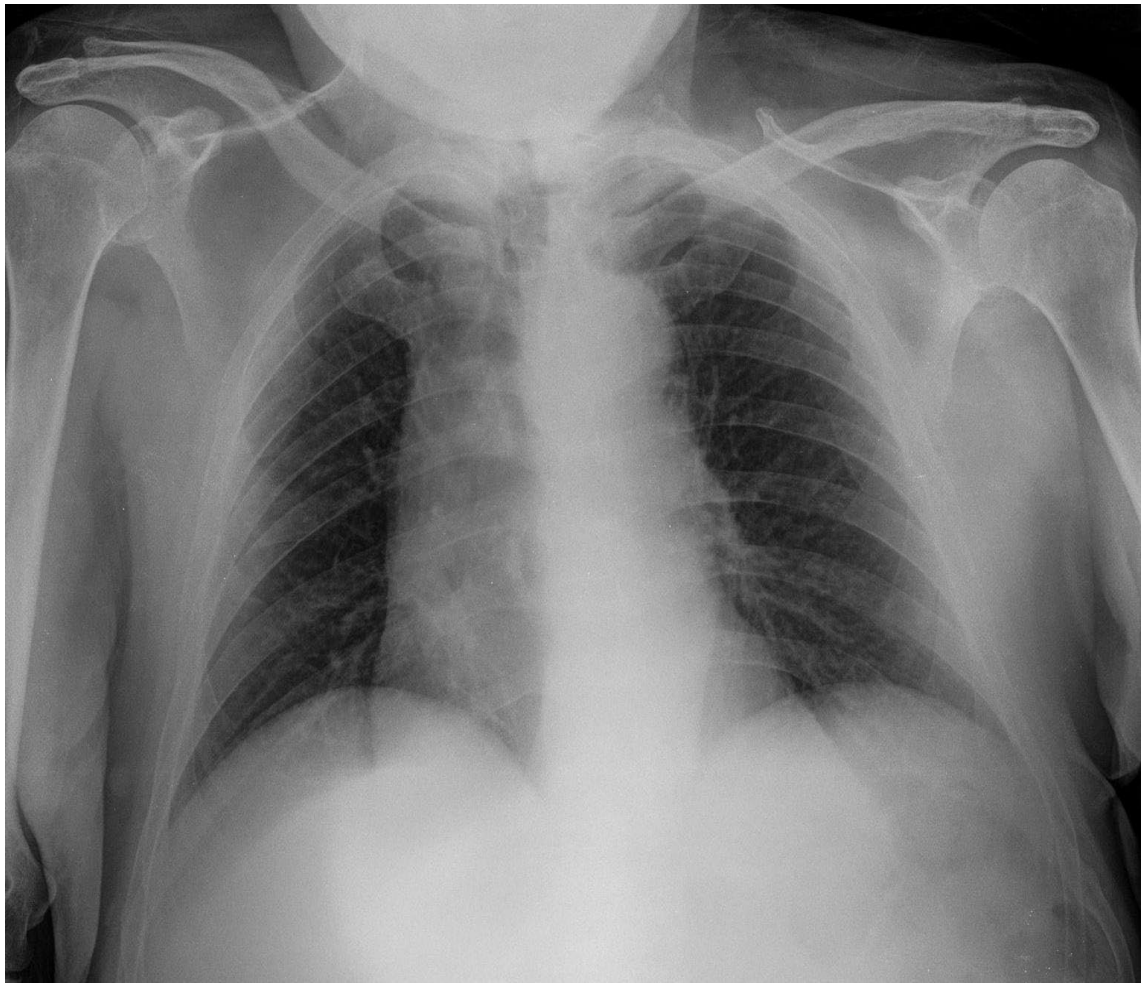

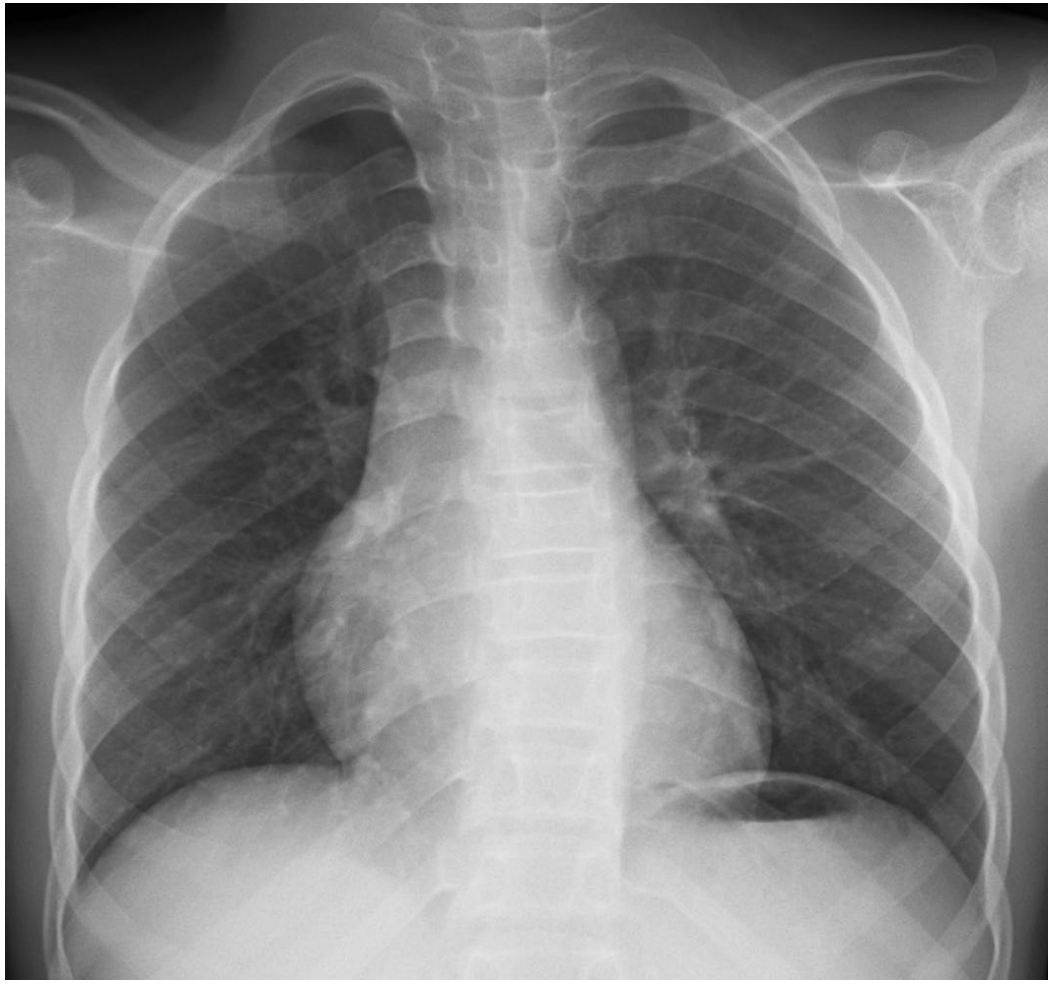

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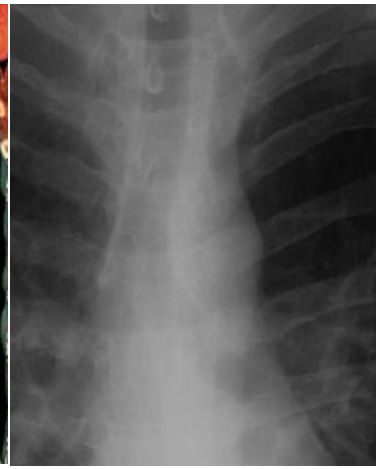
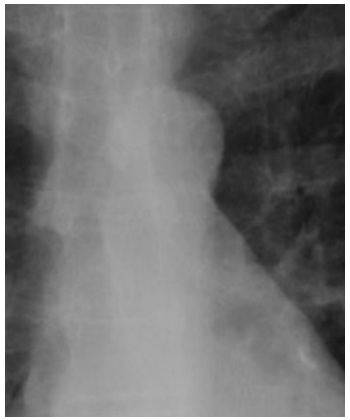
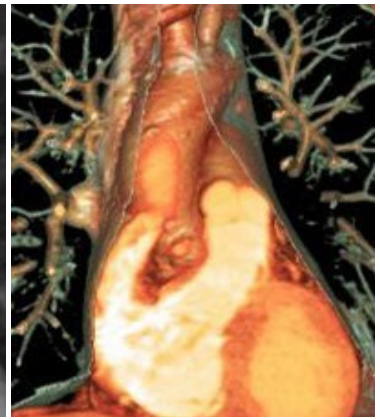
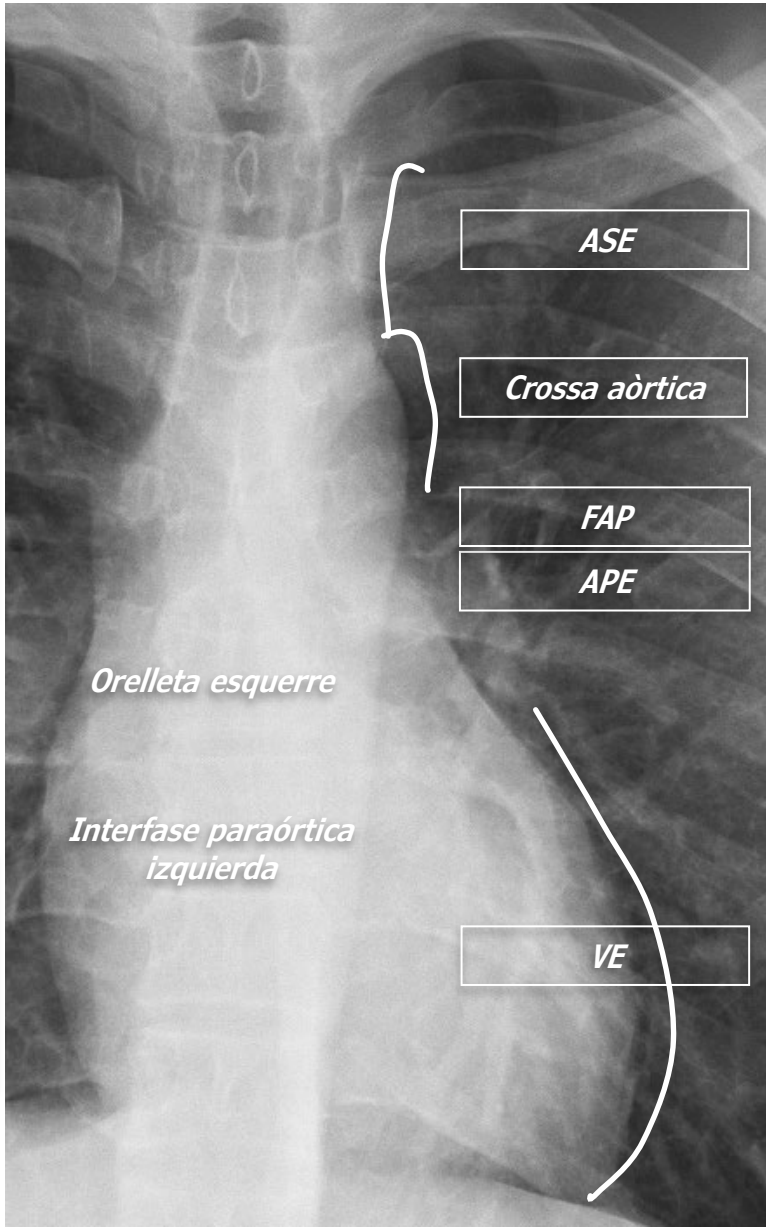


***Interfase ASE**:*
contacte de l'ASE amb el pulmó per damunt crossa aòrtica





Finestra aortopulmonar:
pleura en contacte amb el greix mediastínic anterolateral a l'APE i l'aorta



MARGE MEDIASTÍNIC ESQUERRE

RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics

DOBLE CONTORN

CROSSA AÒRTICA

Adenopaties

(limfoma, sarcoïdosi, M1)

Ca de pulmó

Patol aòrtica aguda

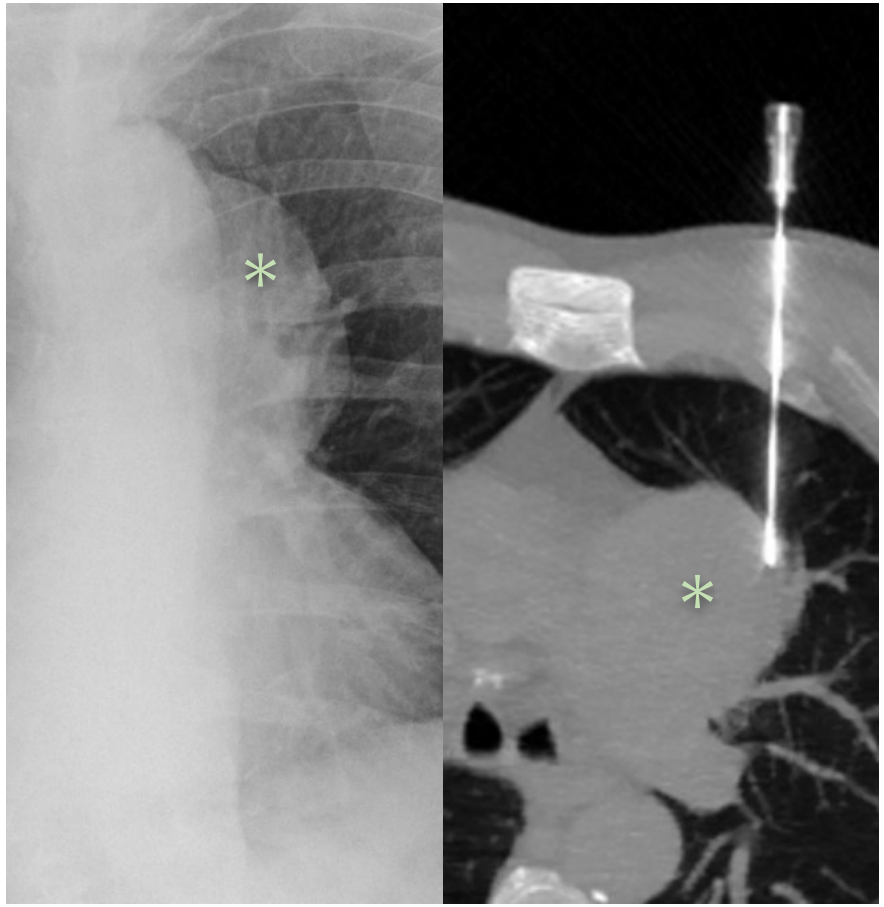
DVCSE

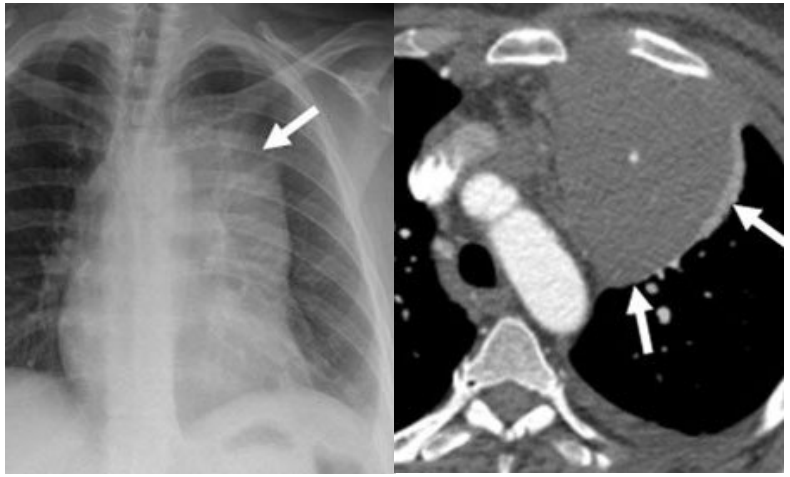
Pezón aórtico

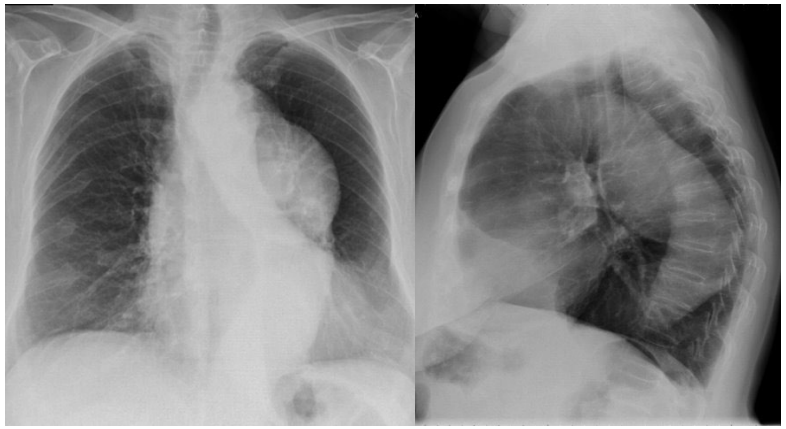
(vena ic sup izq por fuera del cayado)

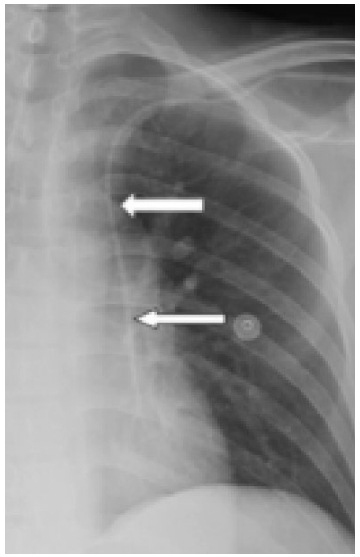
DVPA

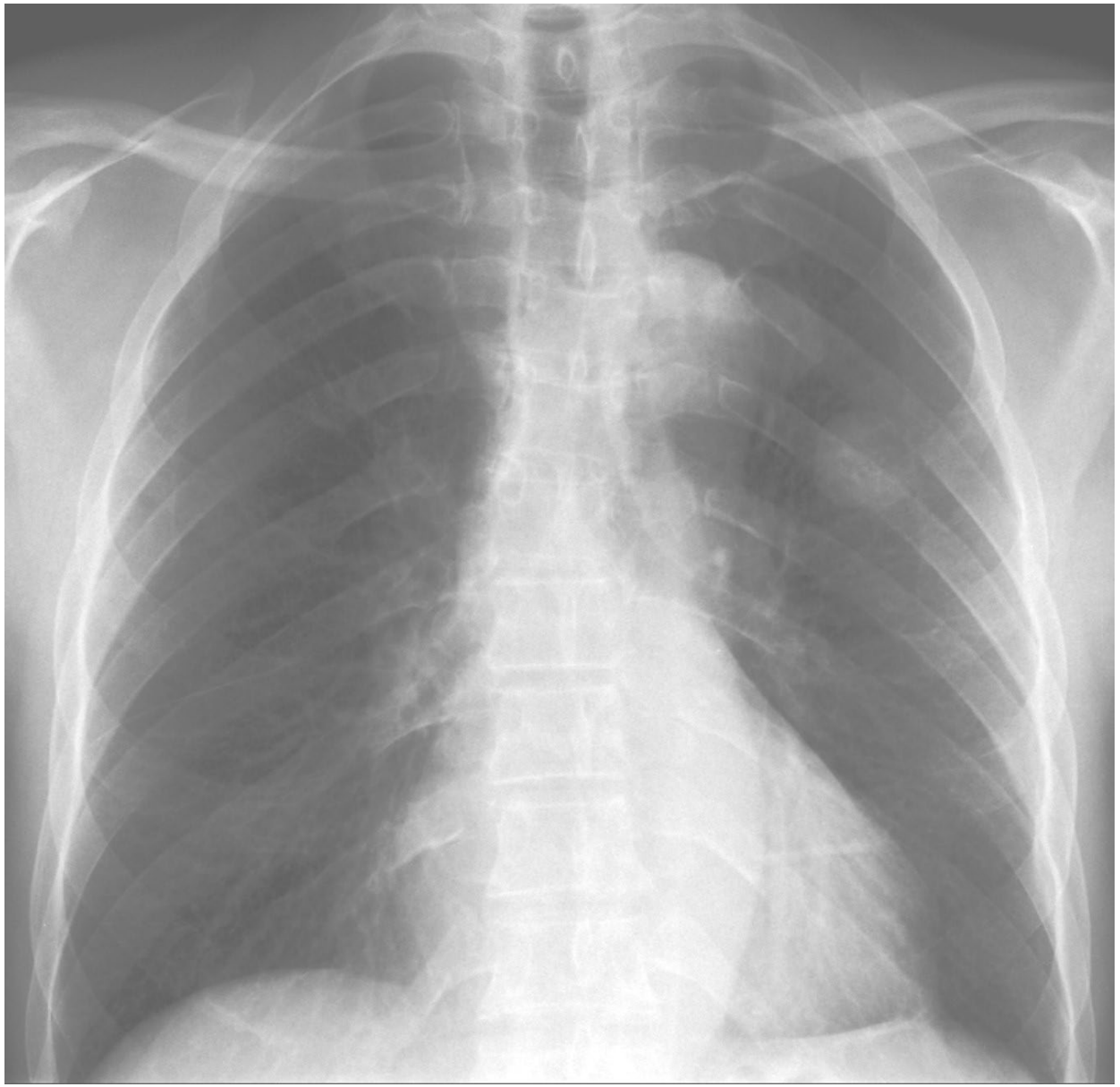
Coartació aòrtica

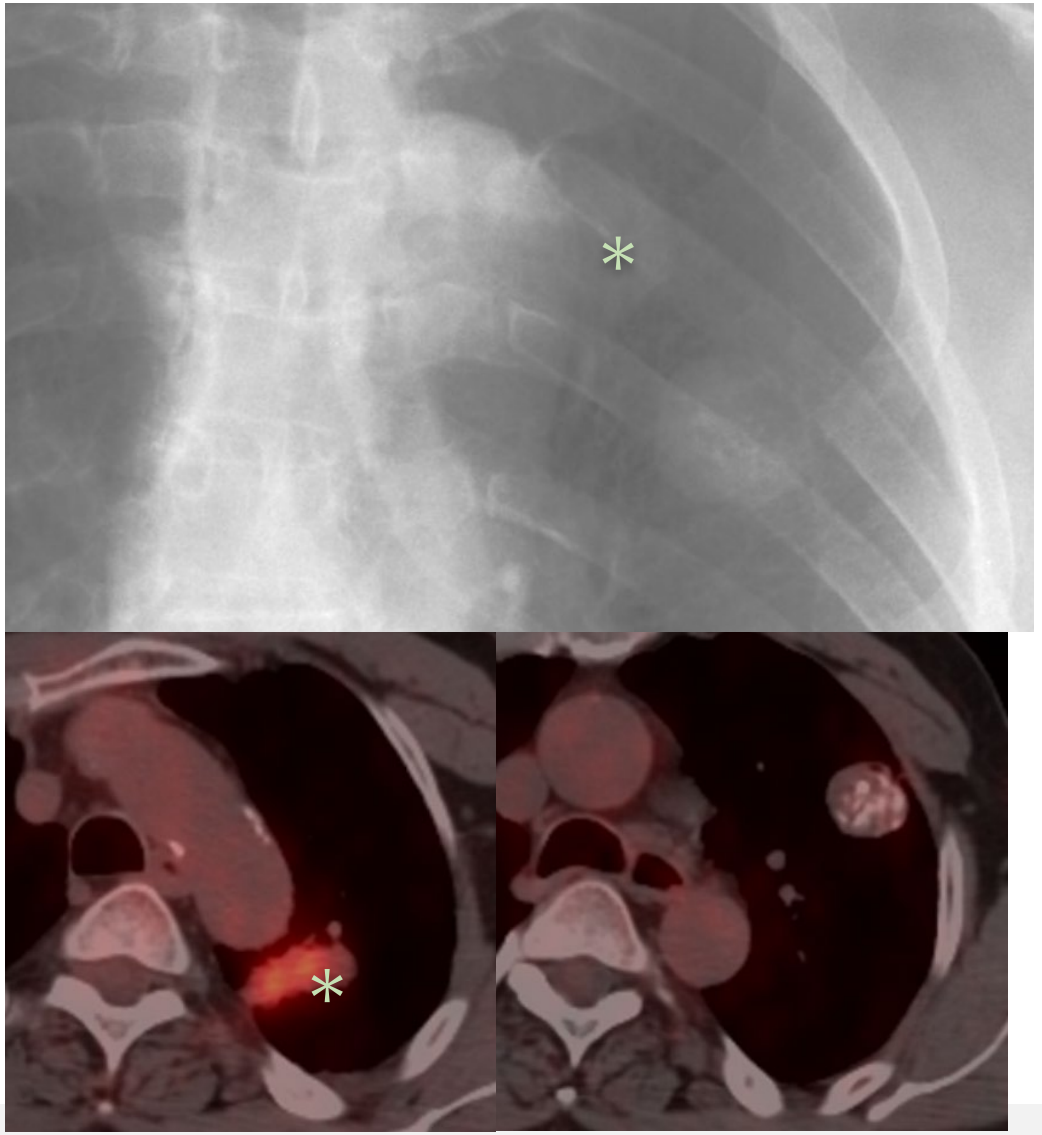




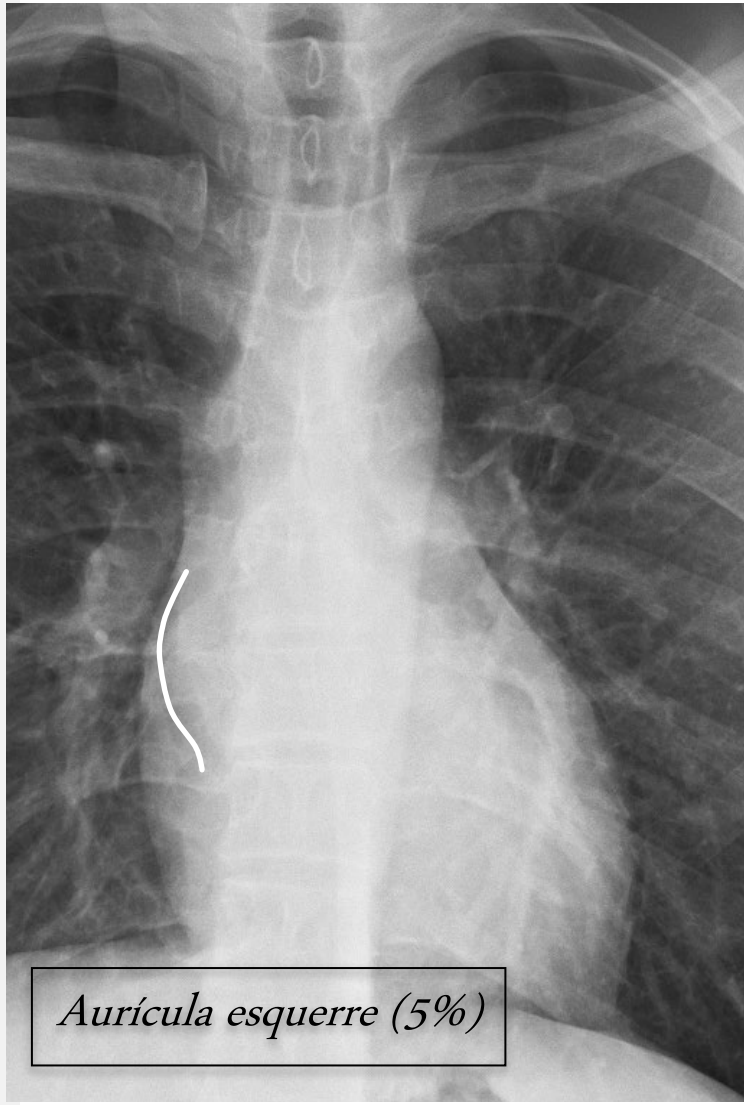


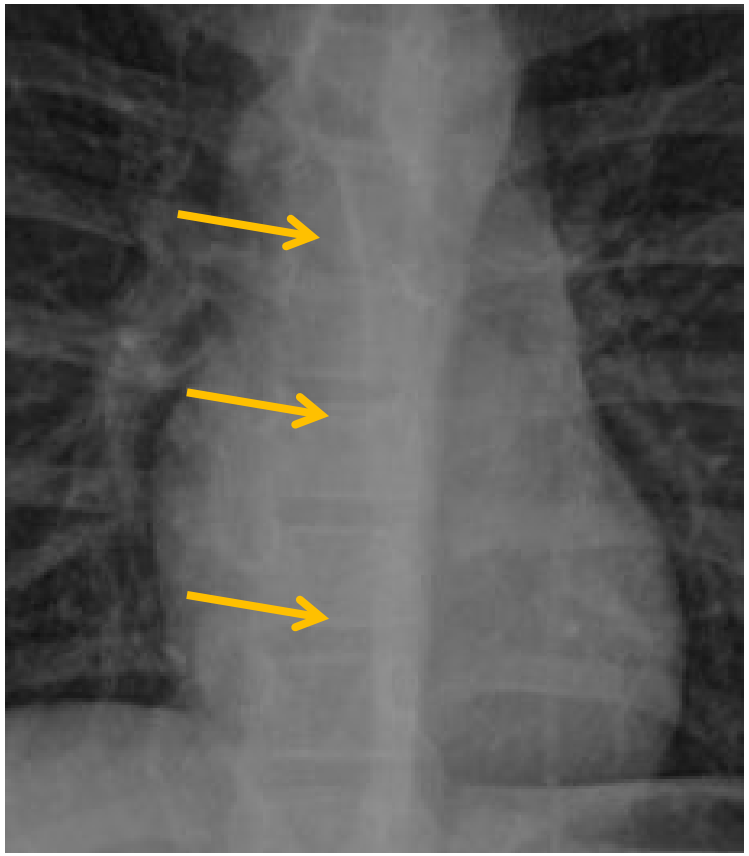


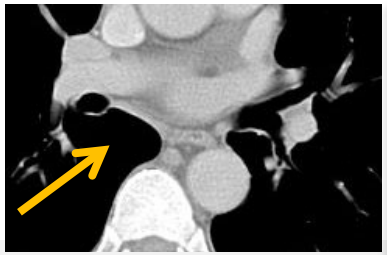




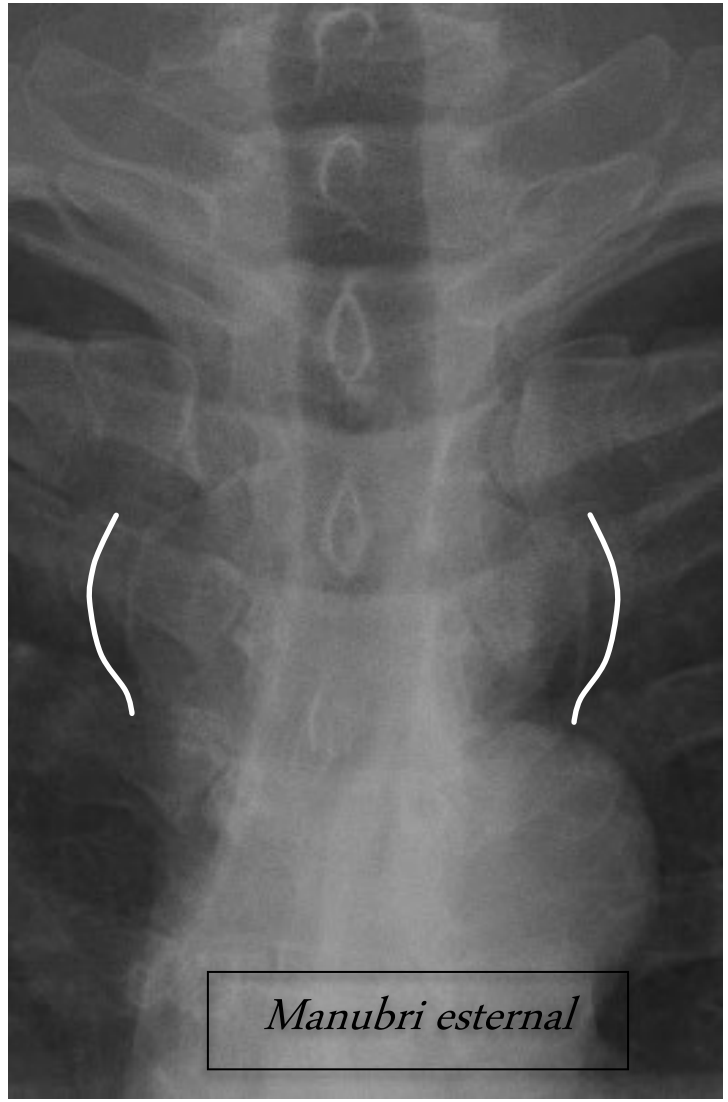
RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics





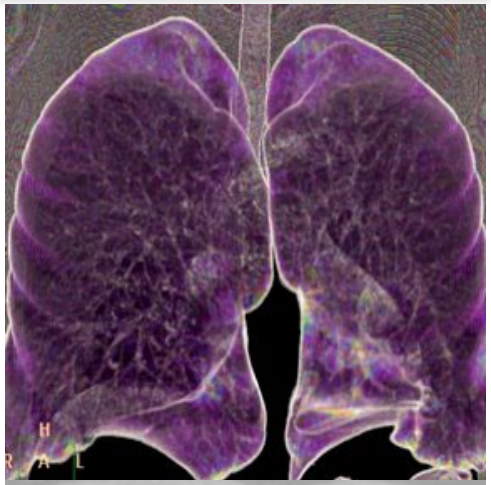


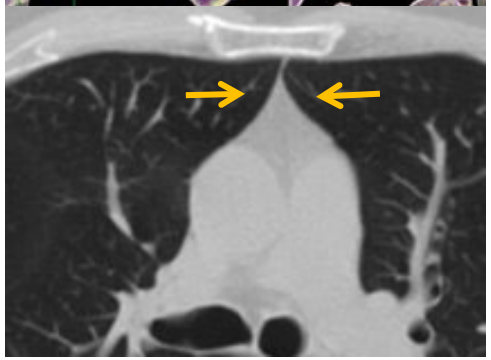
Recés àzigo-esofàgic: *porció del mediastí retrocardíac delimitat pel LID des de la crossa de l'àzigos fins el diafragma*

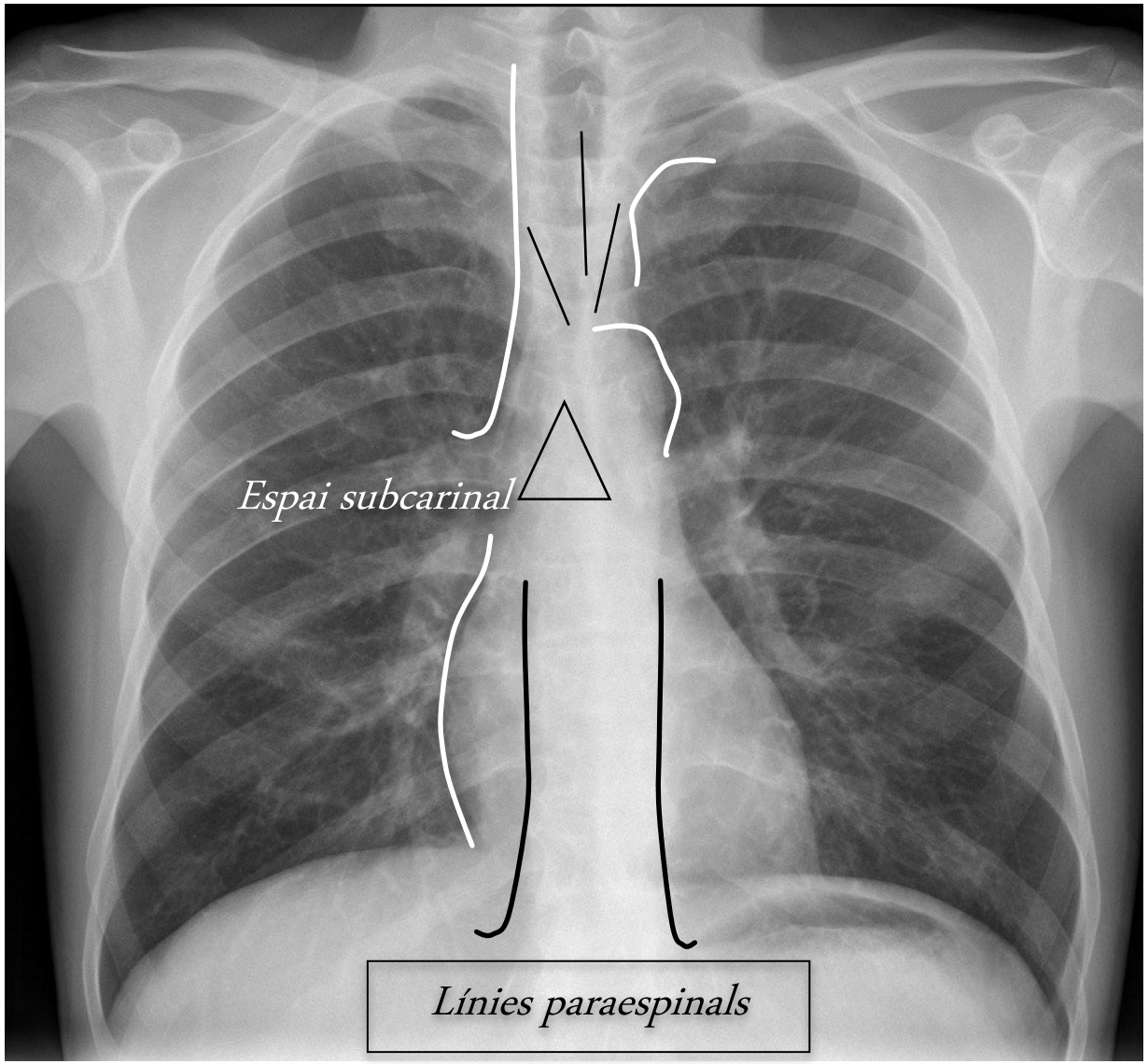


RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics

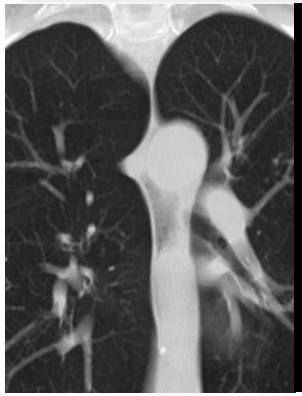
Línia d'unió anterior (24.5-57%):
línia de contacte entre els pulmons al mediastí superior i per darrere l'estèrnum

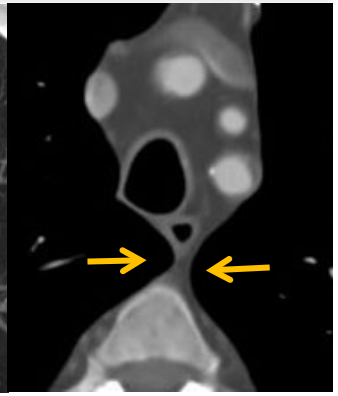


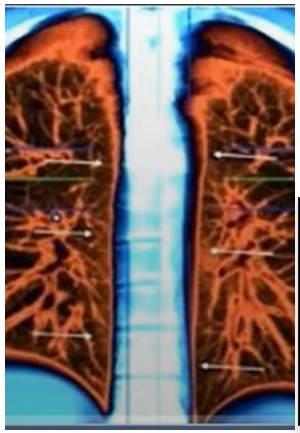




Línia d'unió posterior:
línia de contacte entre els pulmons al mediastí superior i per darrer de l'esòfag

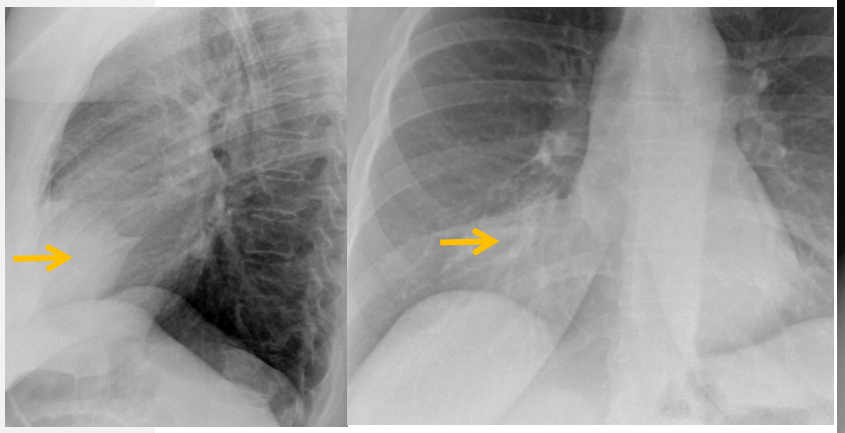


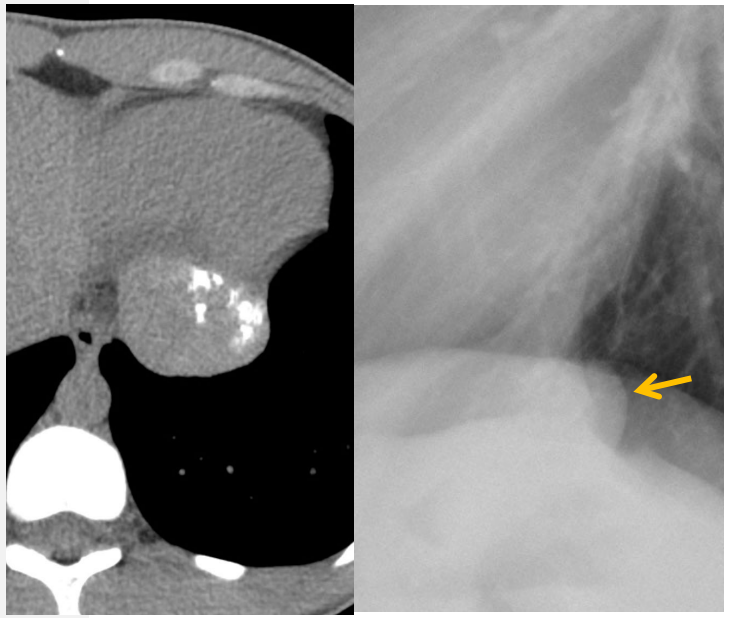


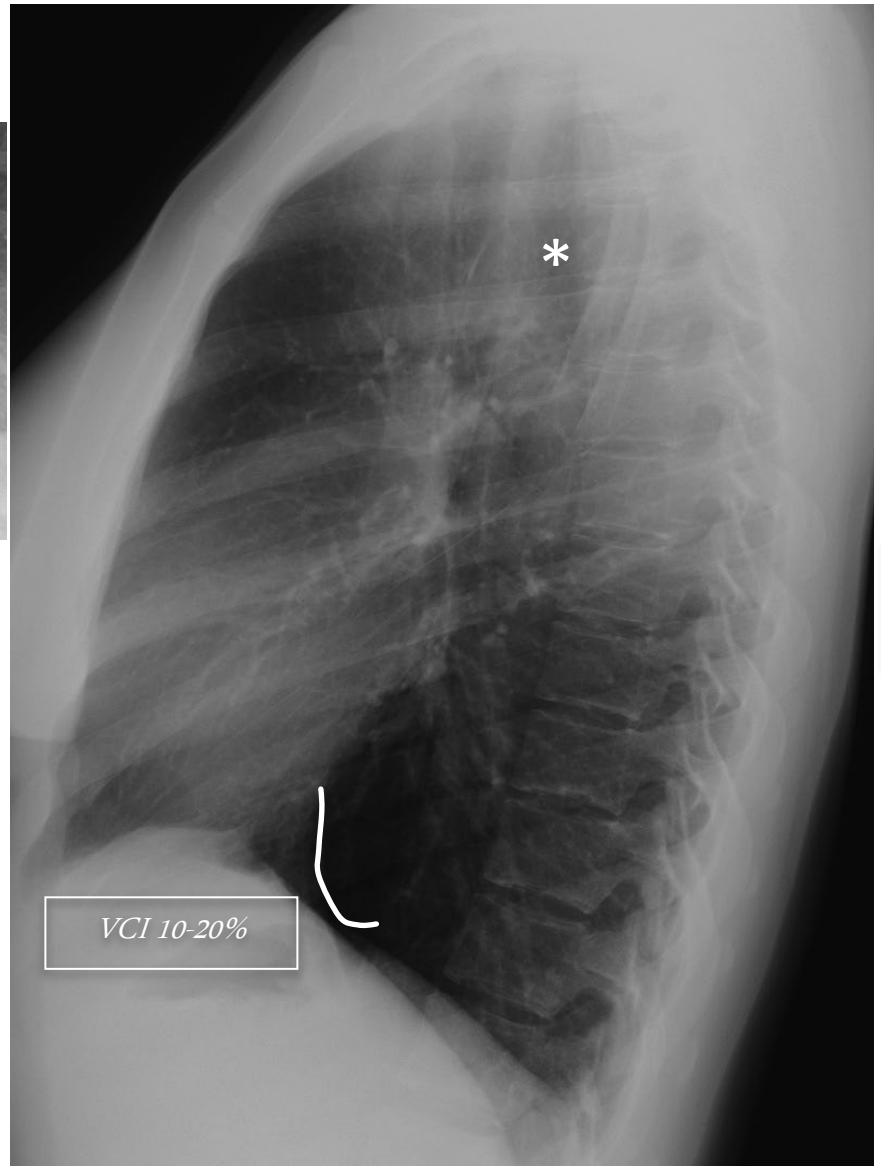


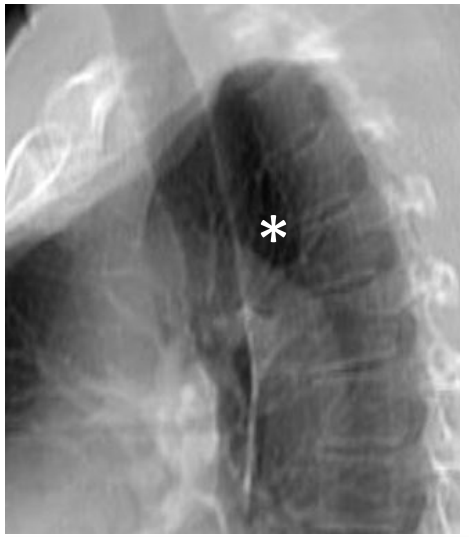
41% ESQ
(NO VISIBLE PER DAMUNT CROSSA)
23% DRETA

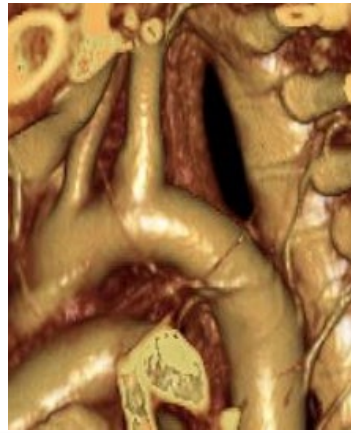
RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics



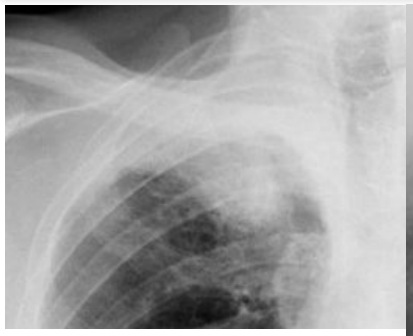


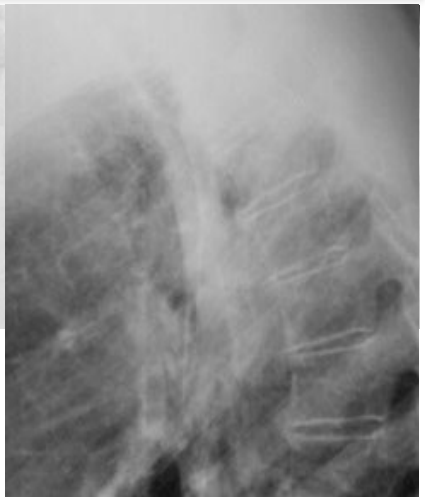






Espai retrotraqueal (T. Raider): *delimitat per la línia traqueal posterior, crossa aòrtica i la columna*

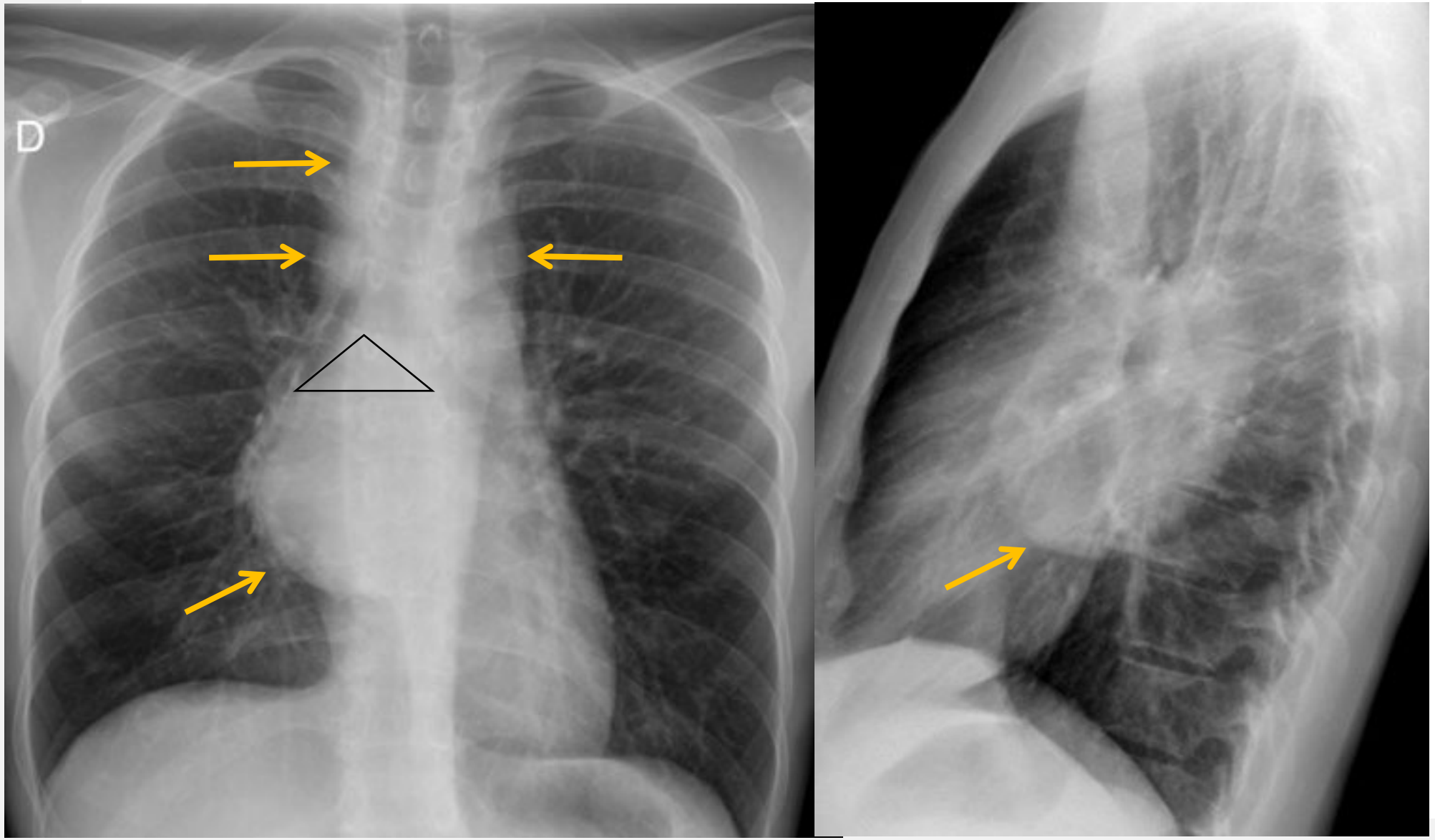




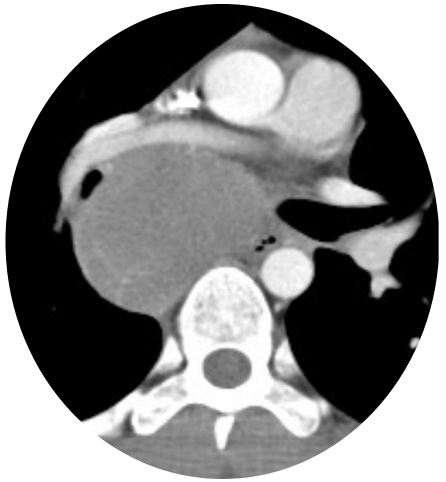
RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics

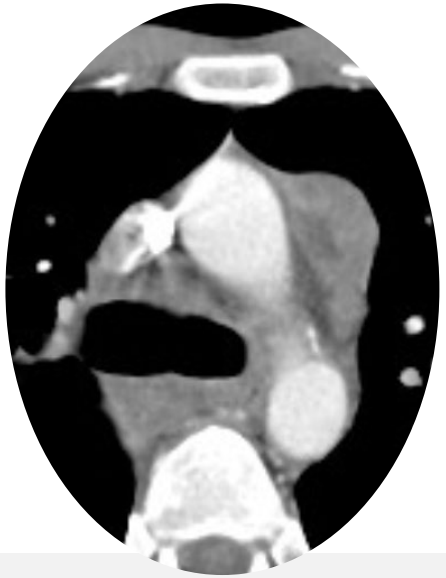
SIGNES DIRECTES PATOLOGiA MEDIASTÍNICA	SIGNES INDIRECTES PATOLOGIA MEDIASTÍNICA
Massa focal	Signe de la silueta
Agrandament mediastínic (llis o lobulat)	Alteracions traqueals (calibre, improntas, masas intraluminales, desviación, calcificaciones)
Alteració de les línies/bandes paramediastíniques	Presència d'aire i/o calci anòmal

RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Contorns mediastínics



LIMFOMA DE HODGKIN





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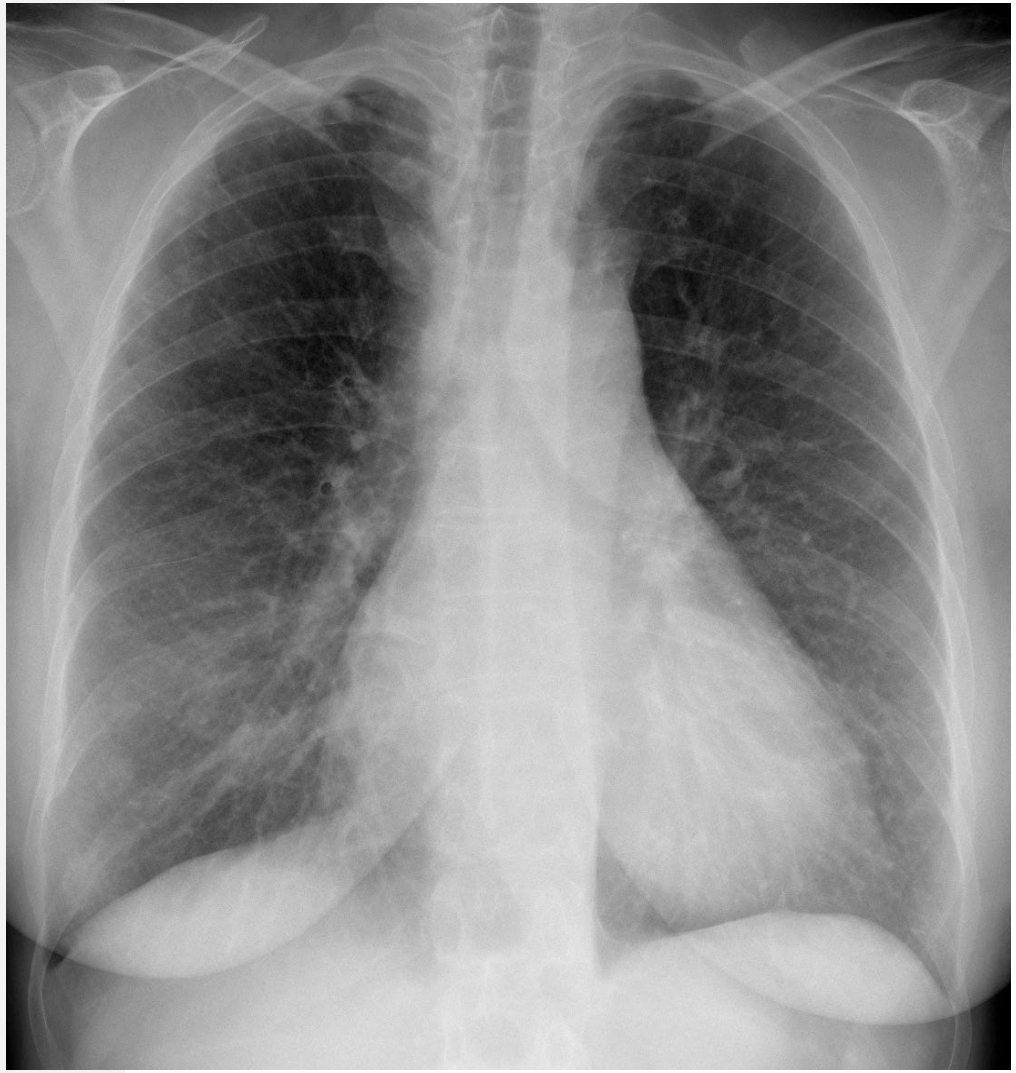
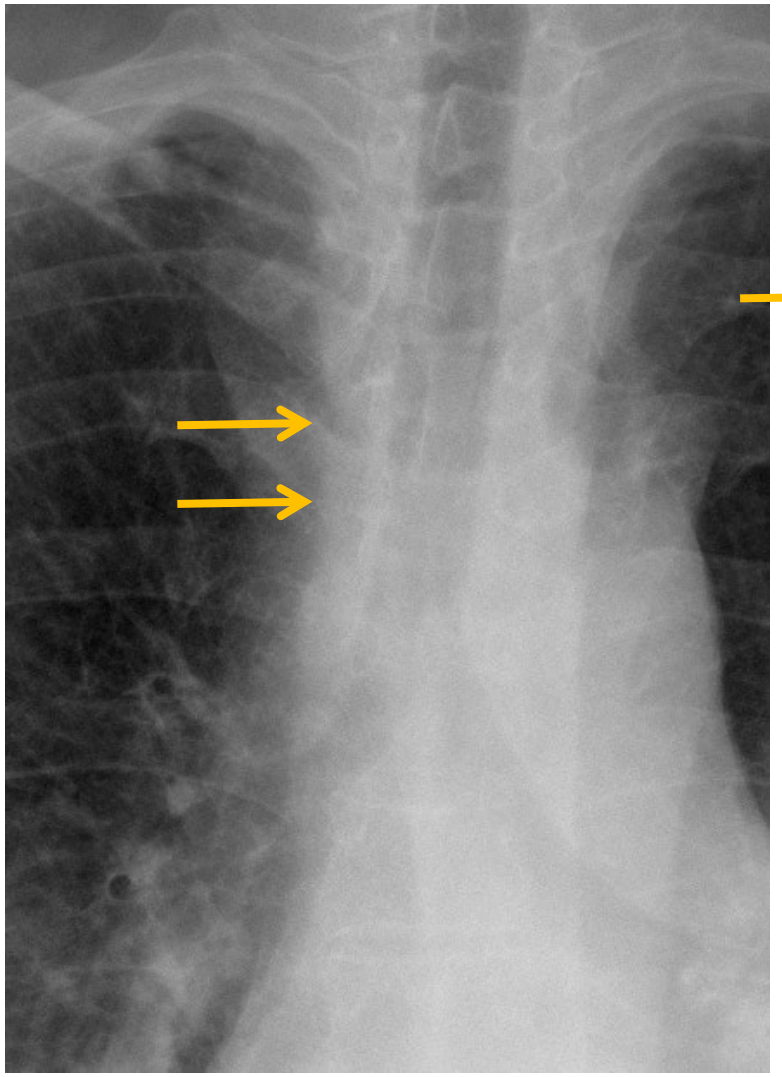
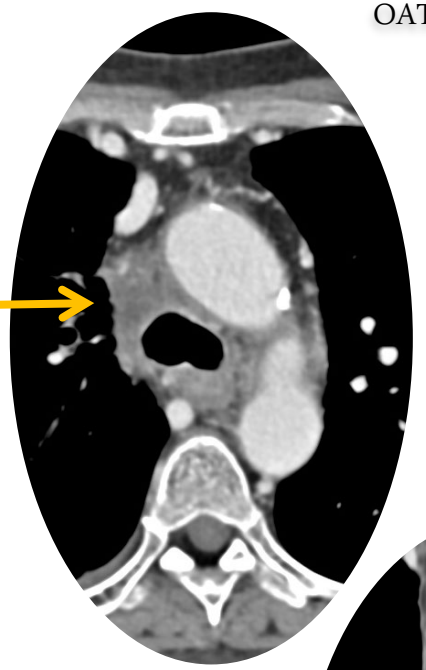
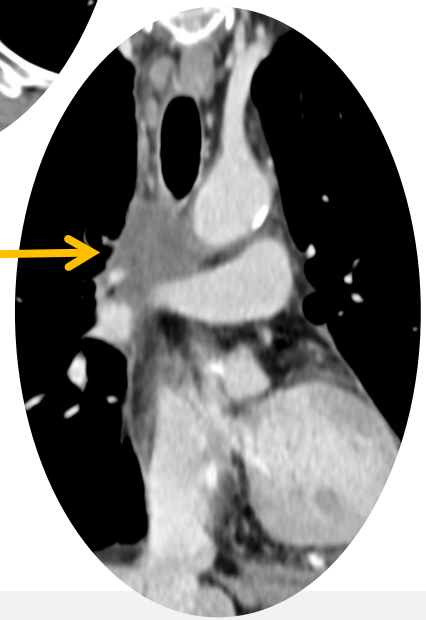






OAT CELL



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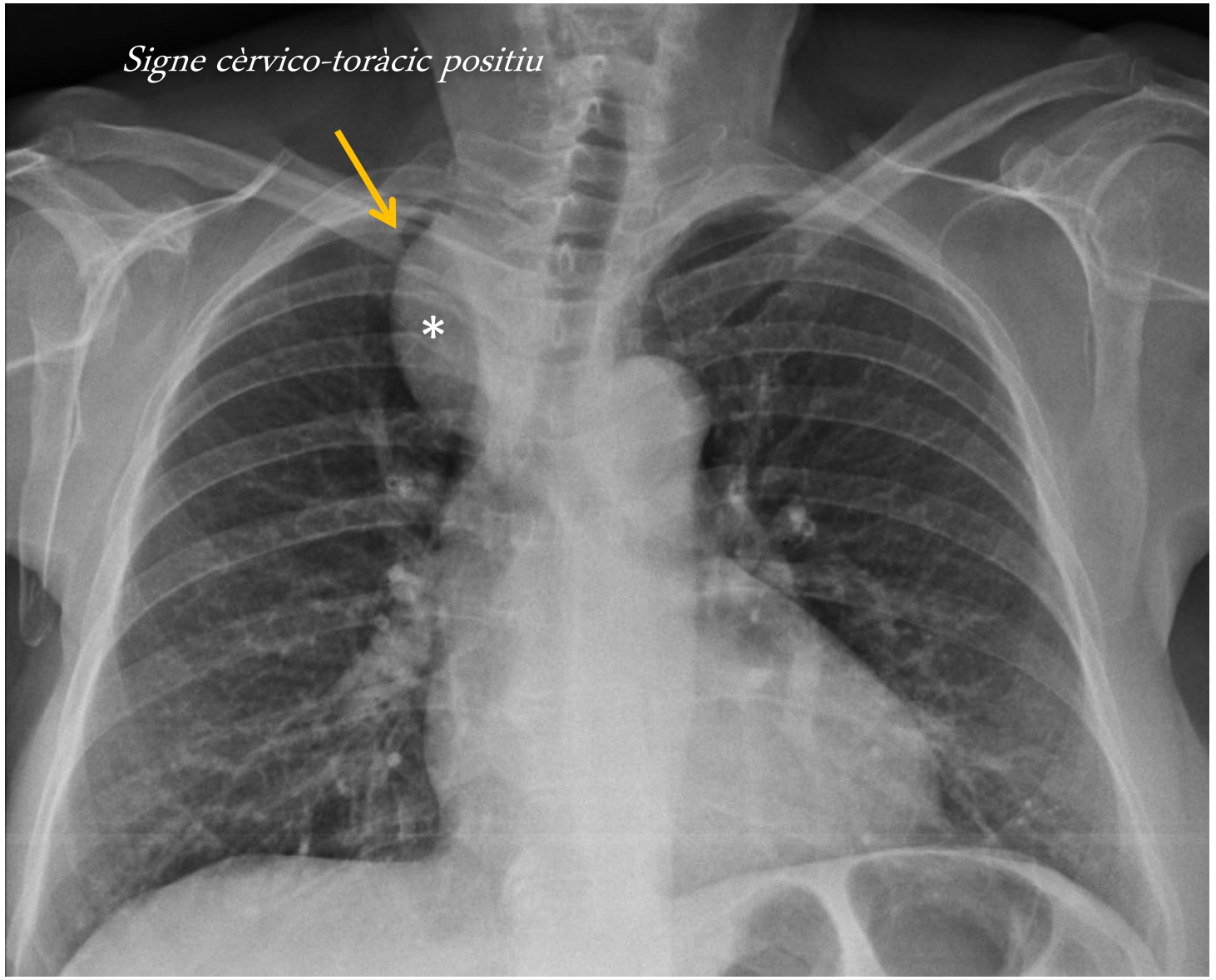
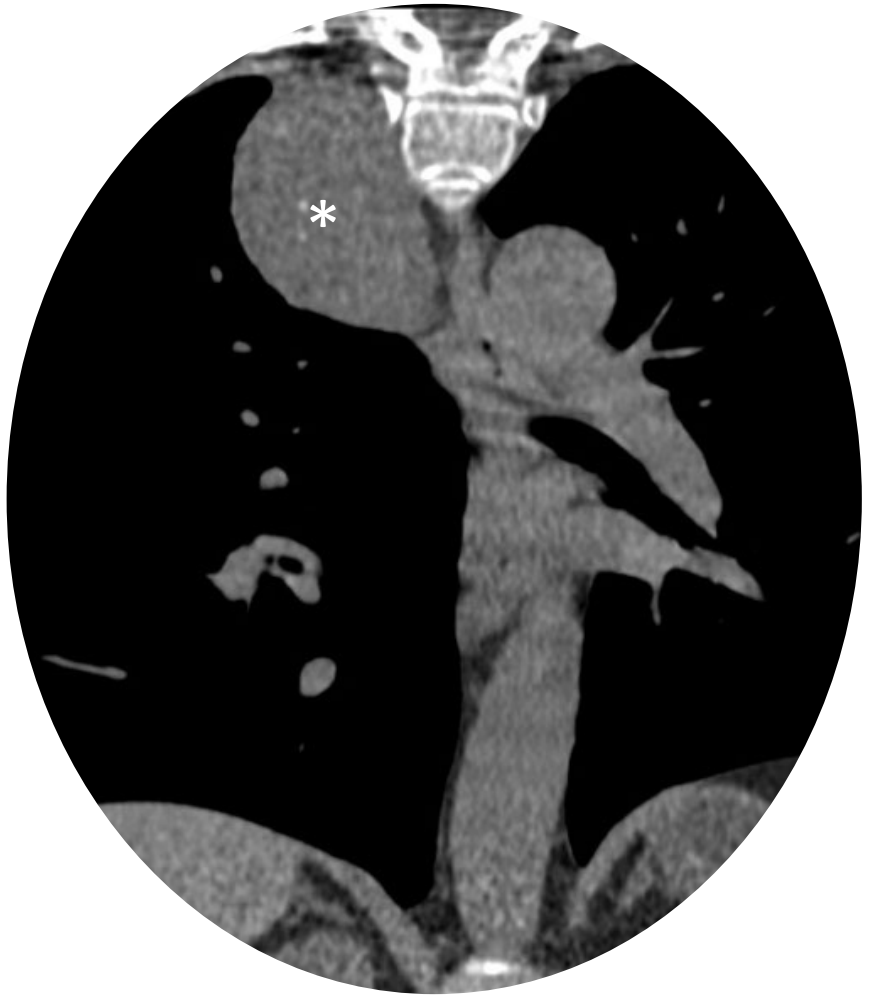


SCHWANNOMA



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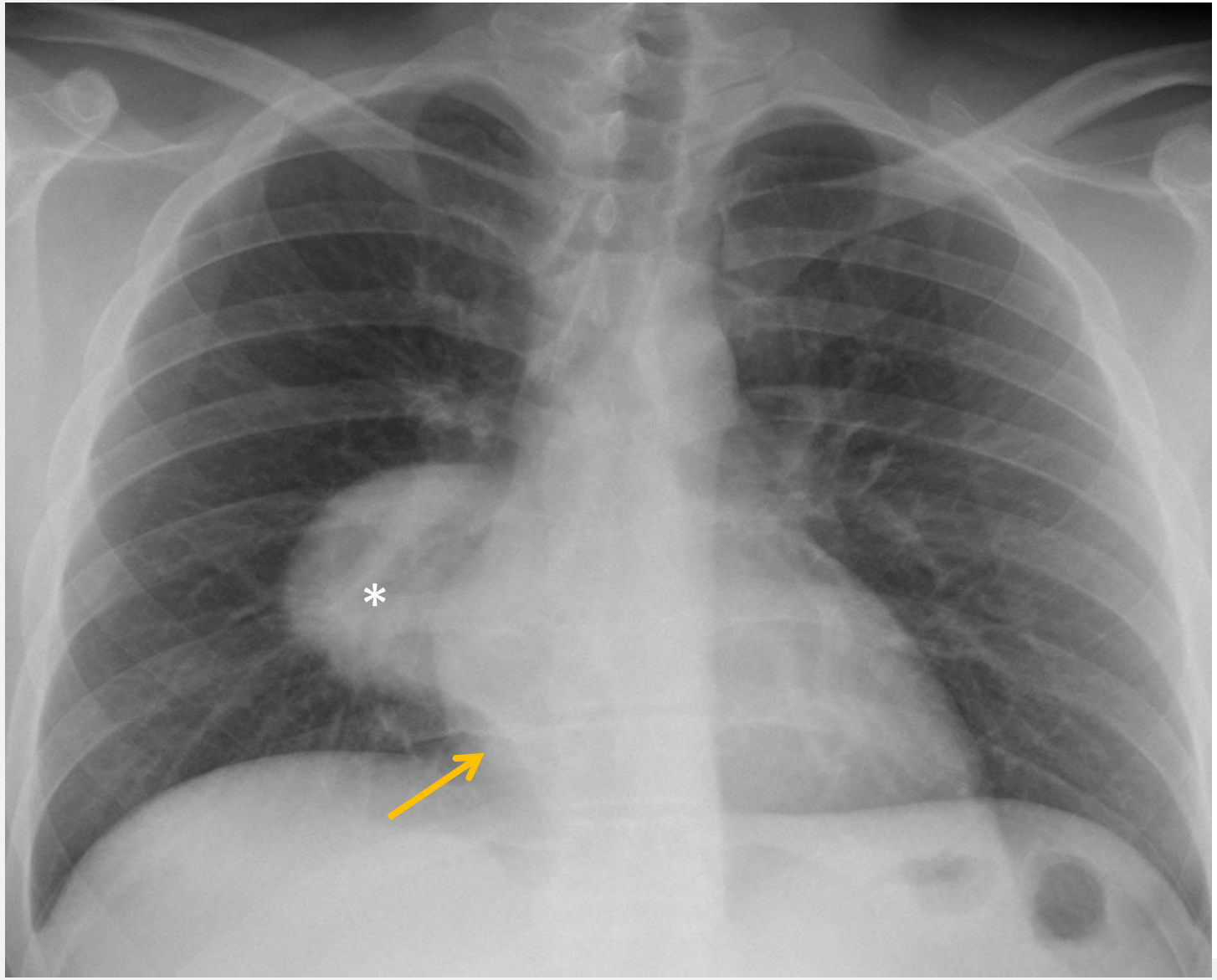
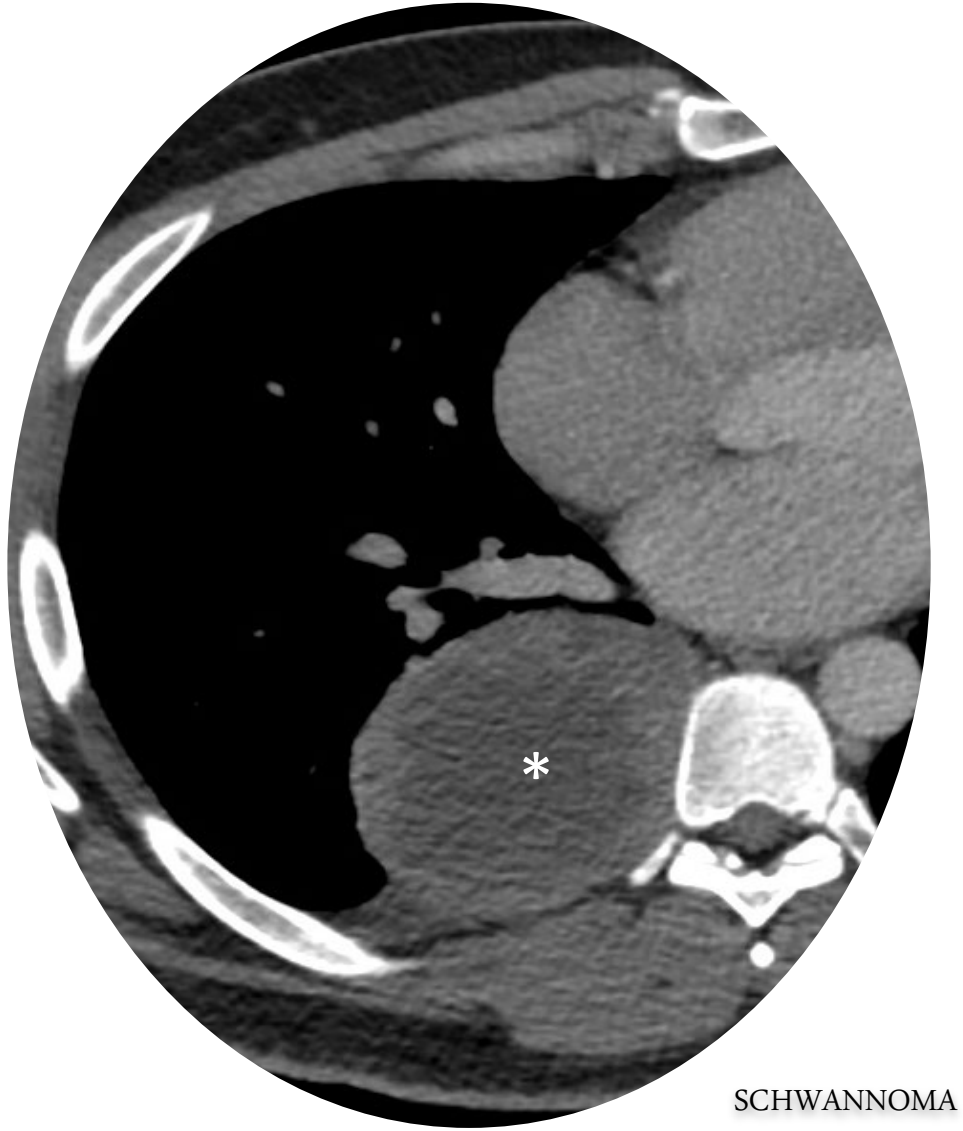
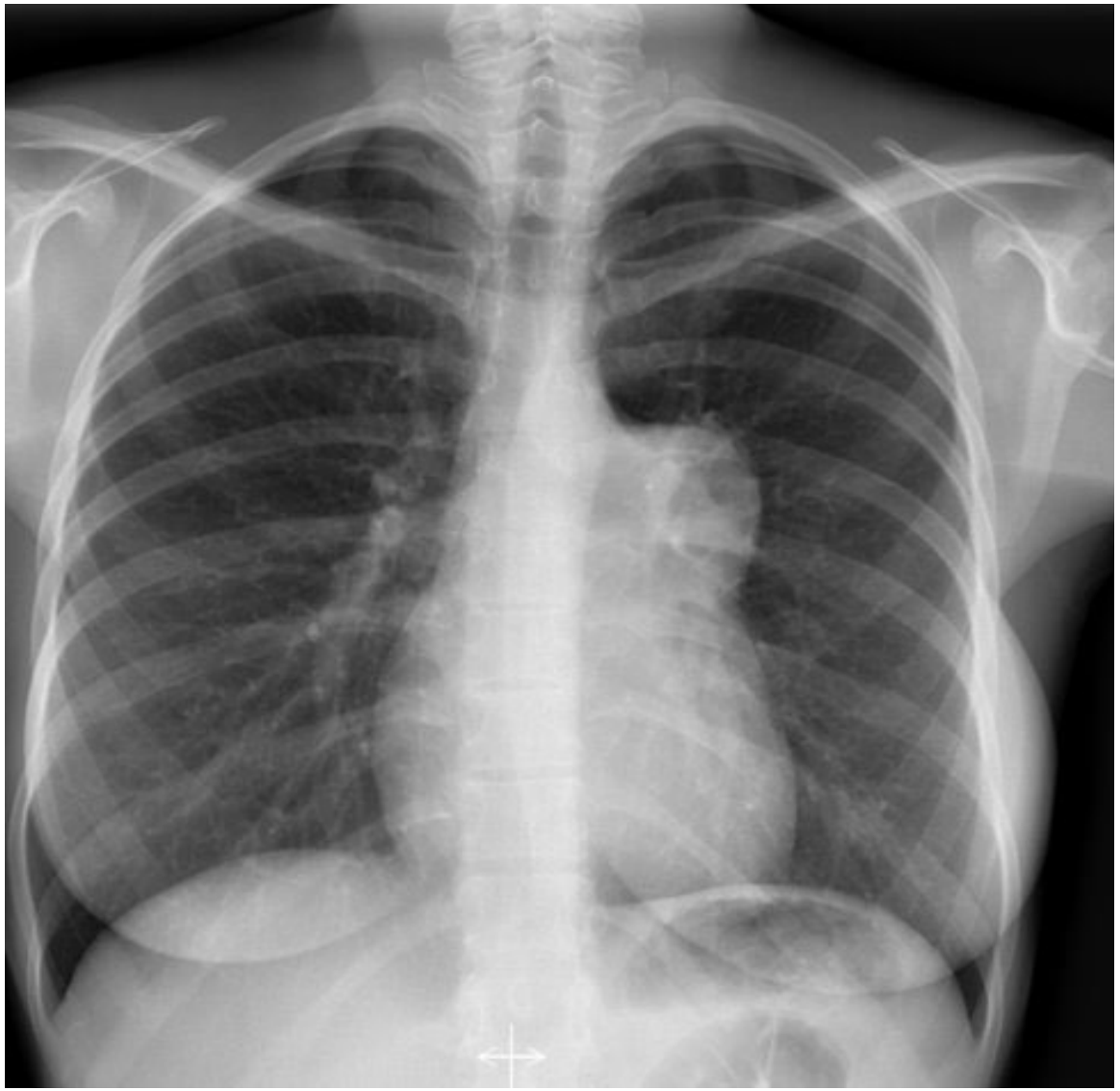
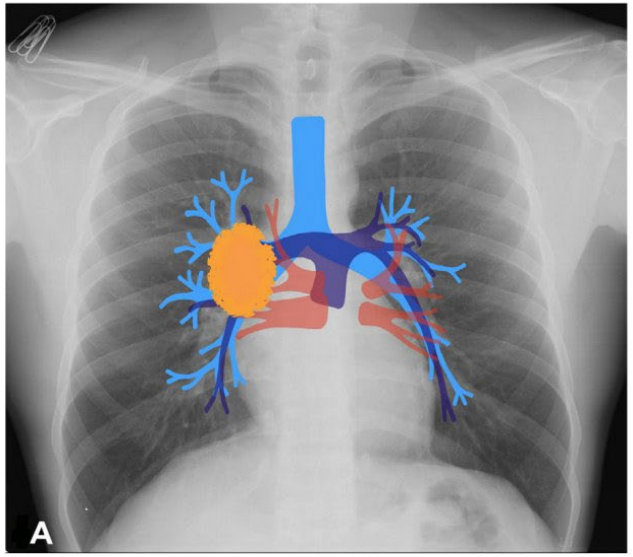


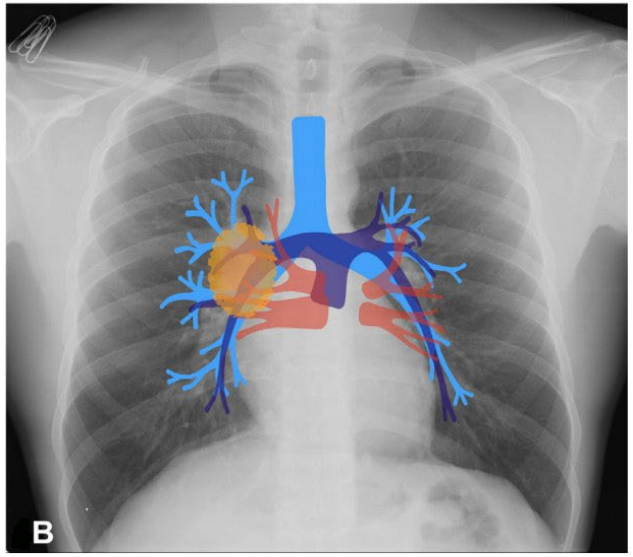


SCHWANNOMA

RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Hilis pulmonars







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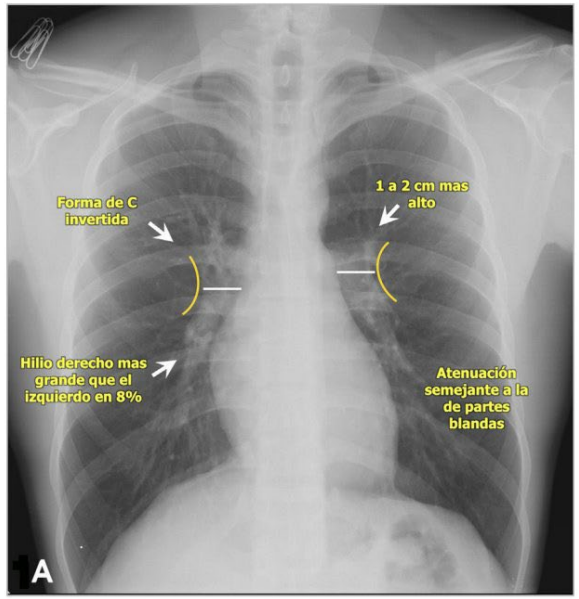
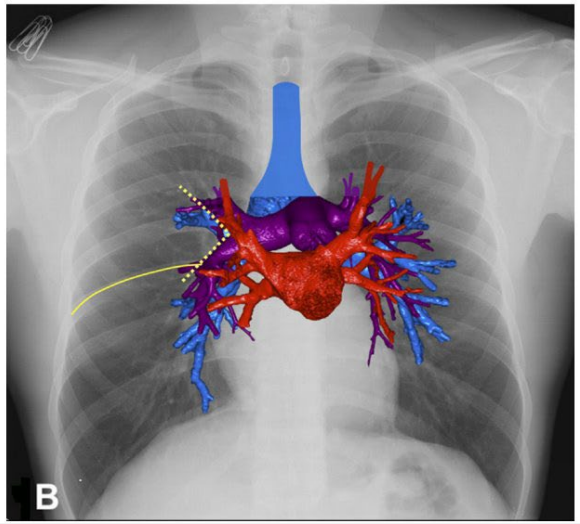
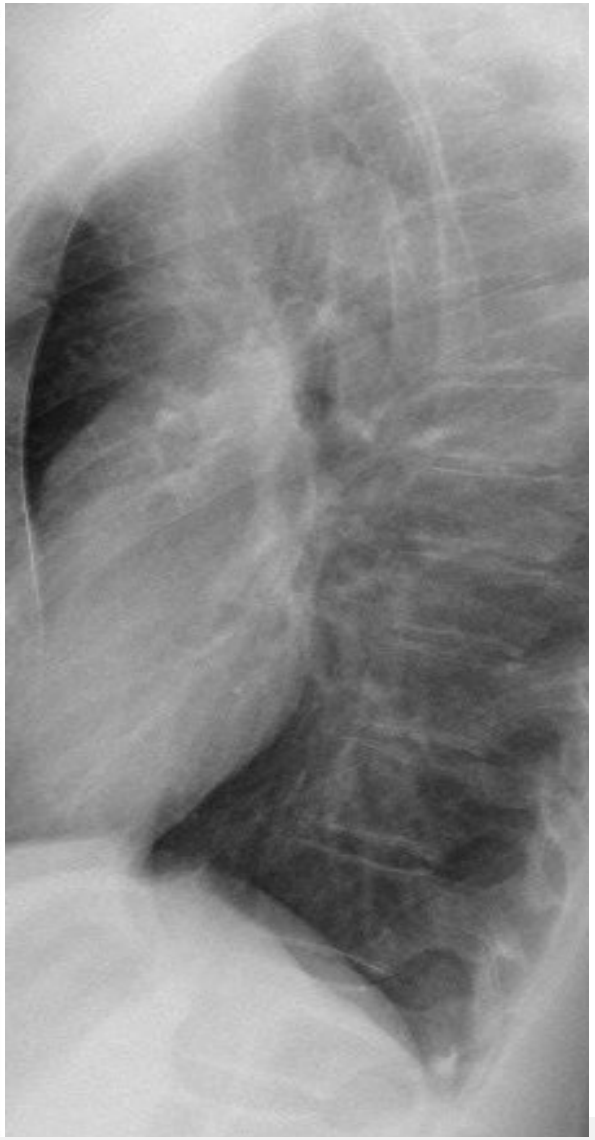
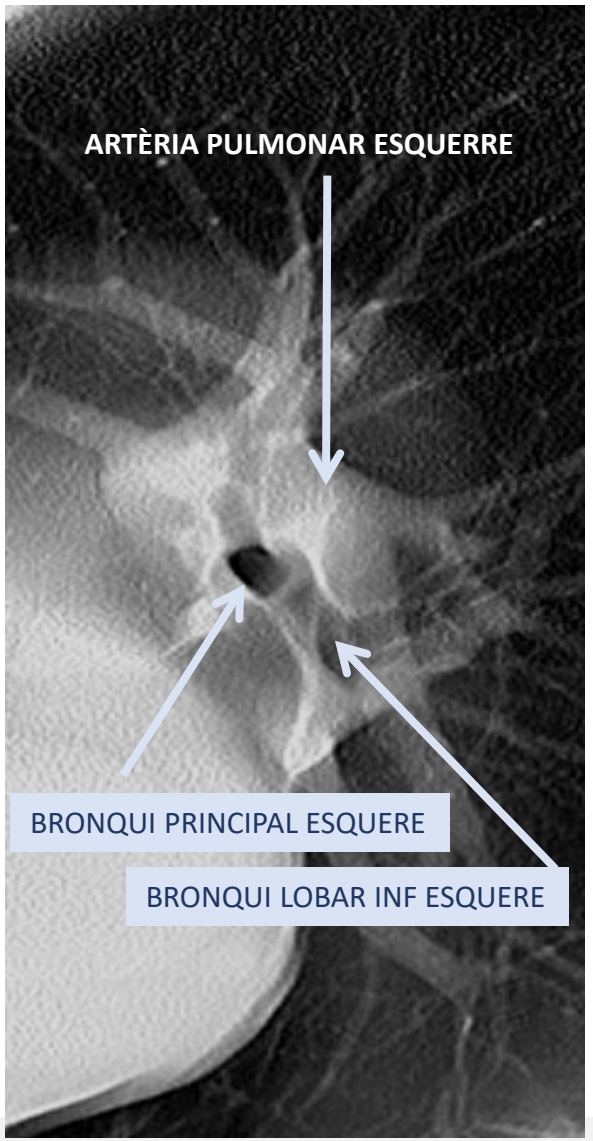
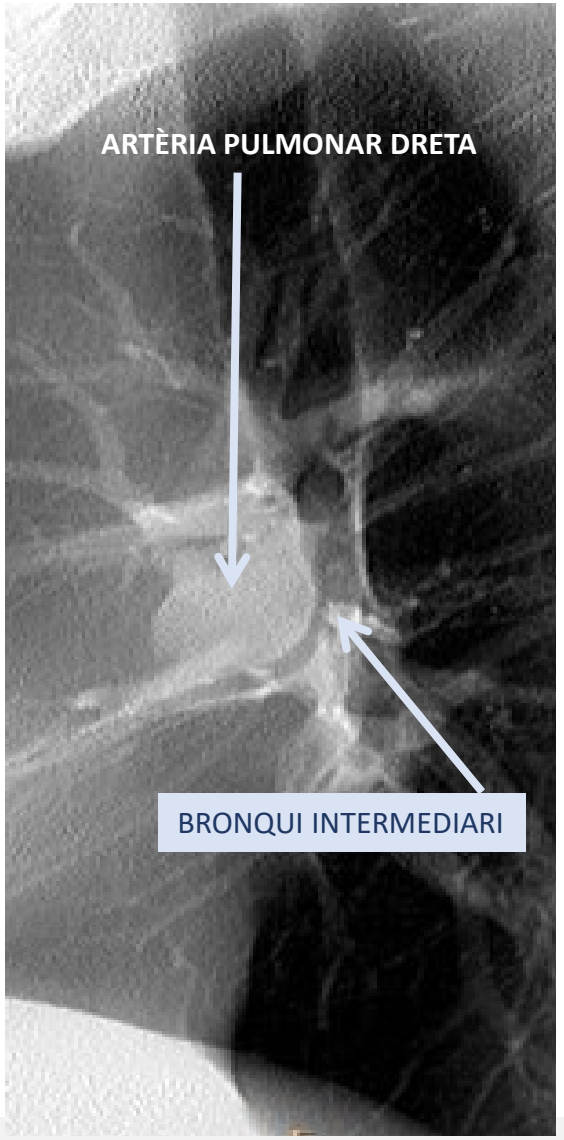


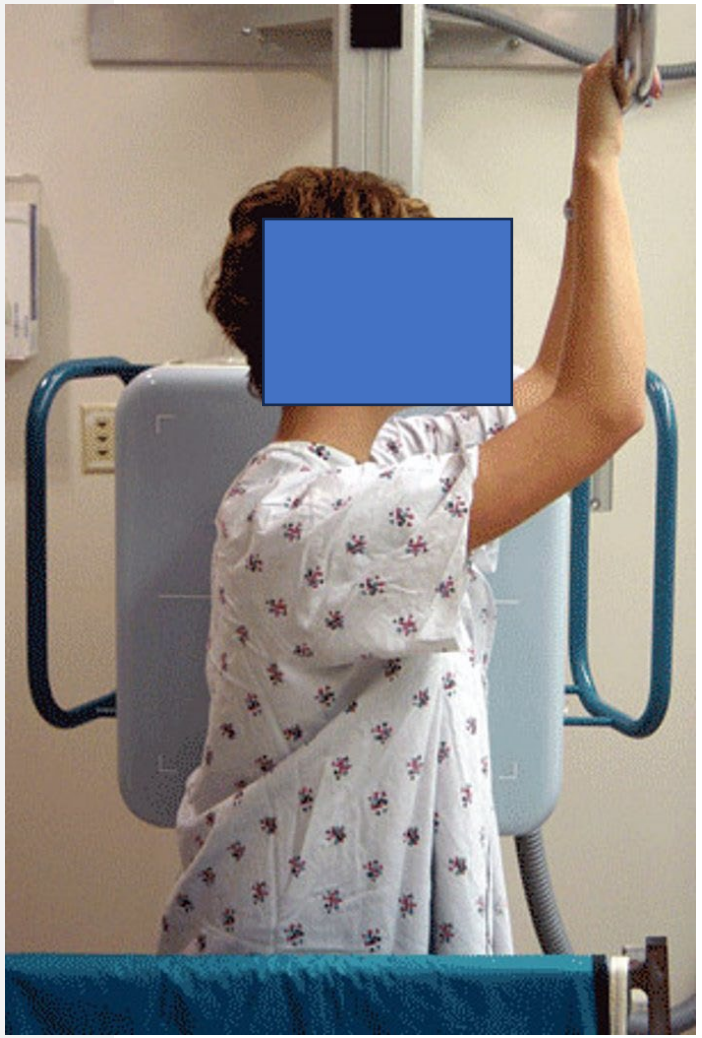


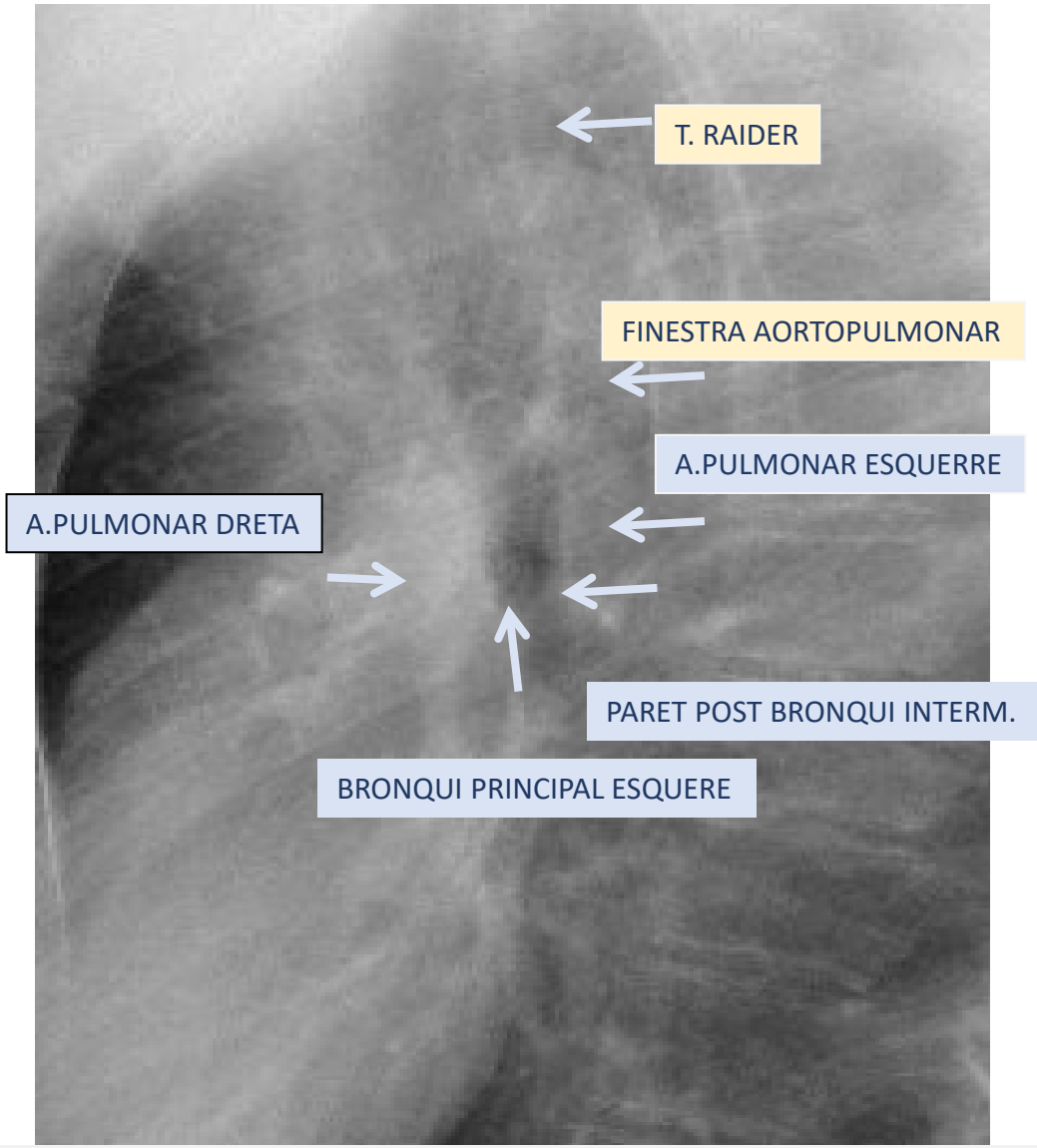


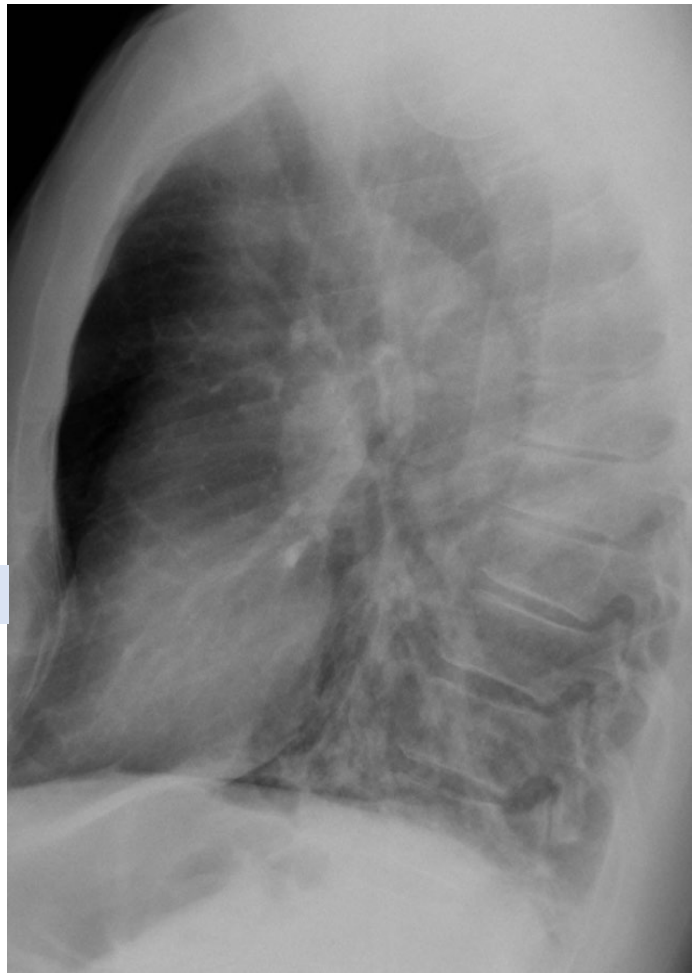




RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Hilis pulmonars







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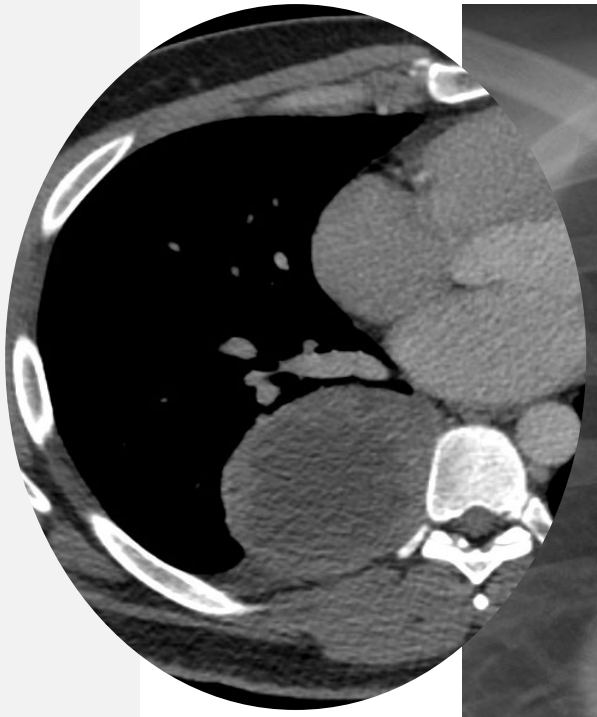

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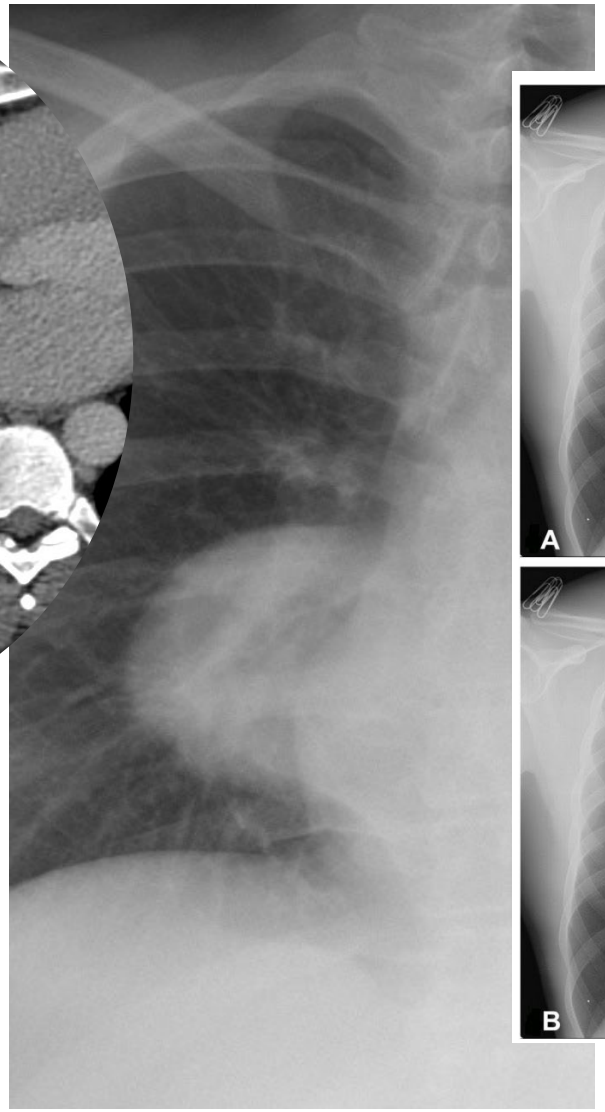
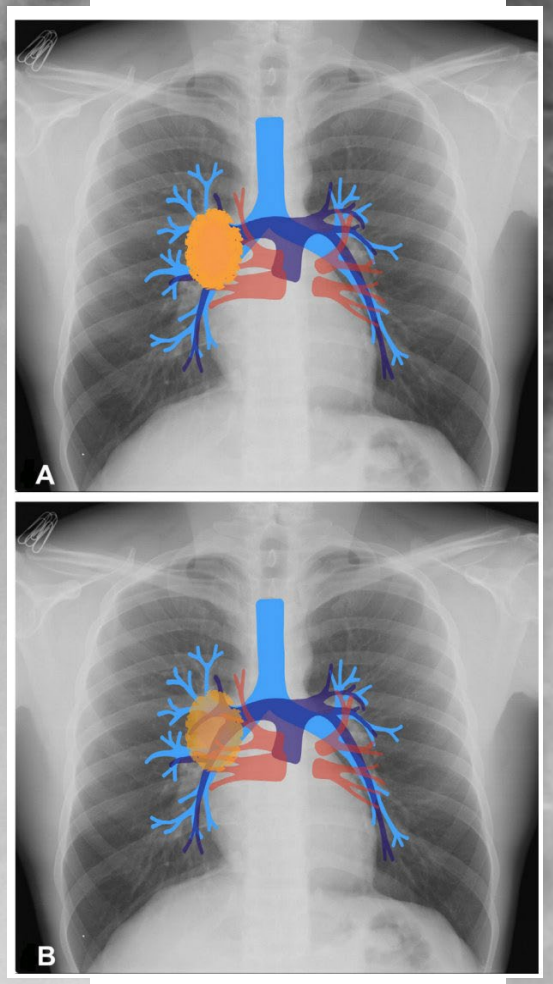
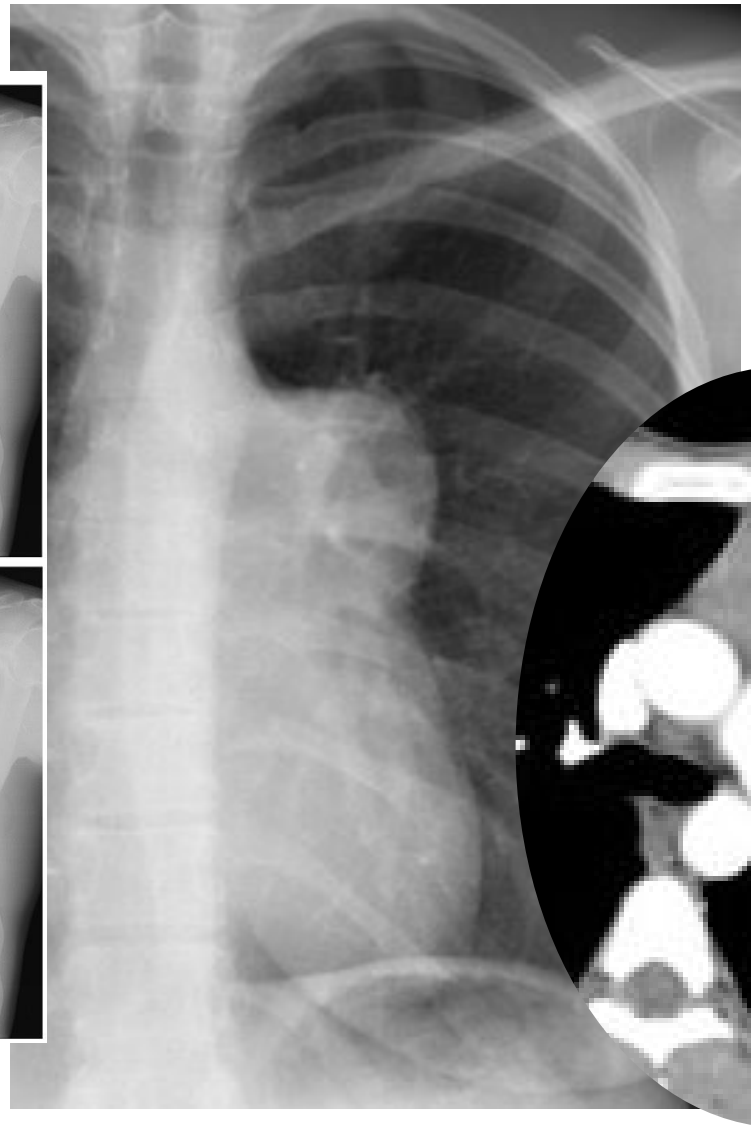
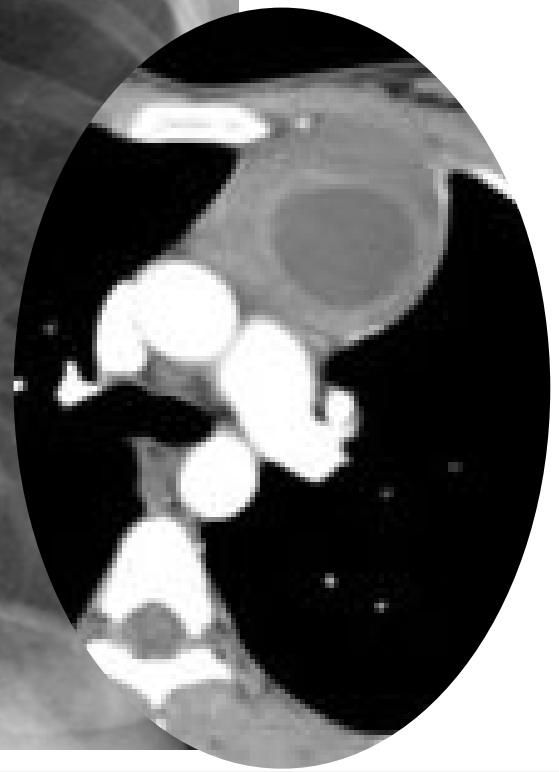


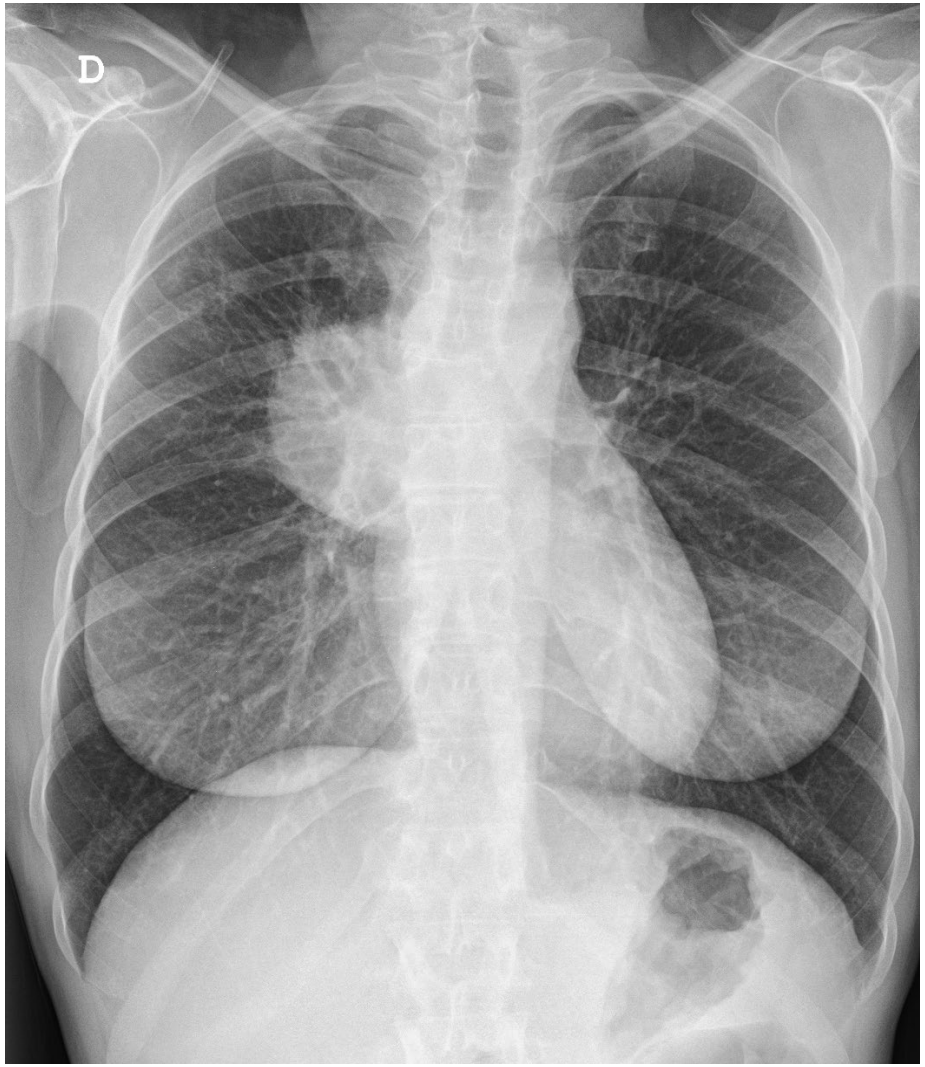


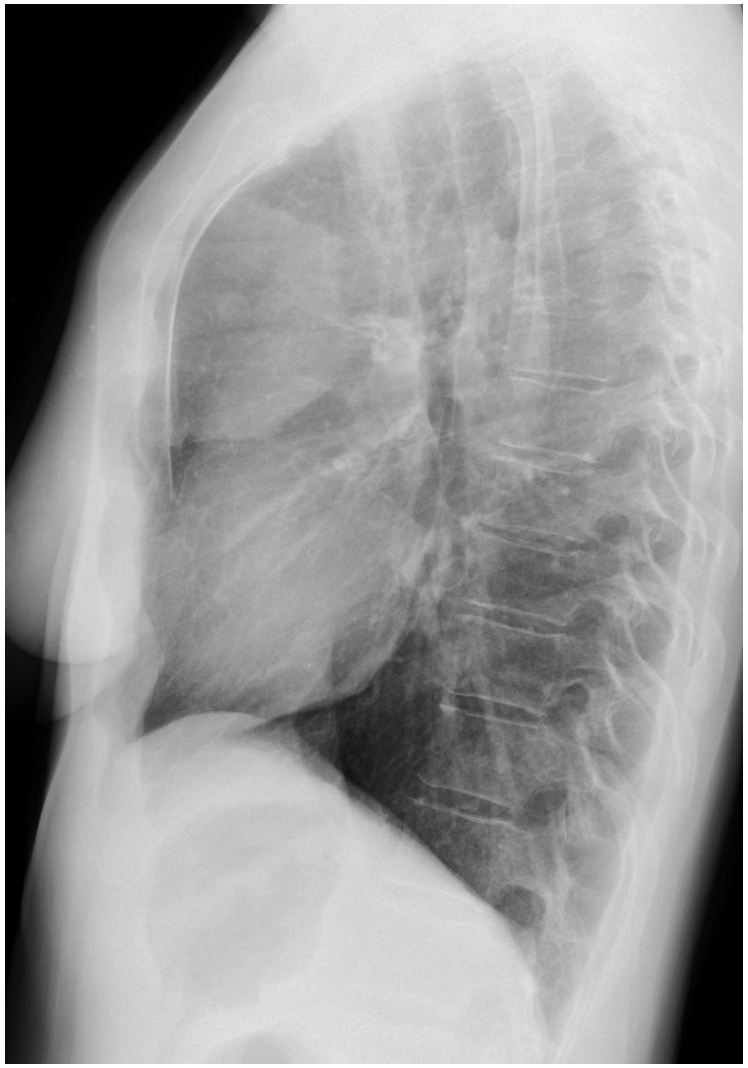


TERATOMA



RADIOGRAFIA TÒRAX. INTERPRETACIÓ. Hilis pulmonars





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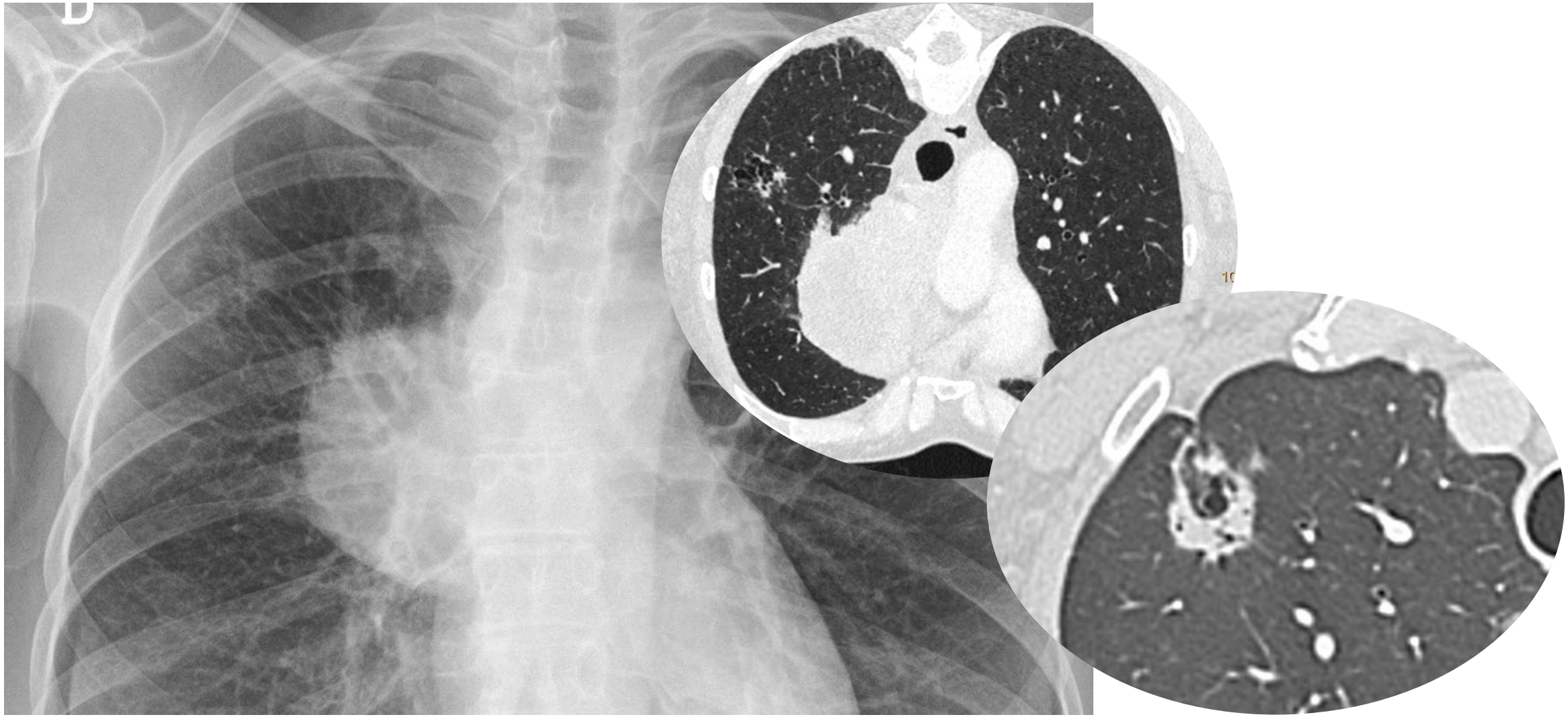

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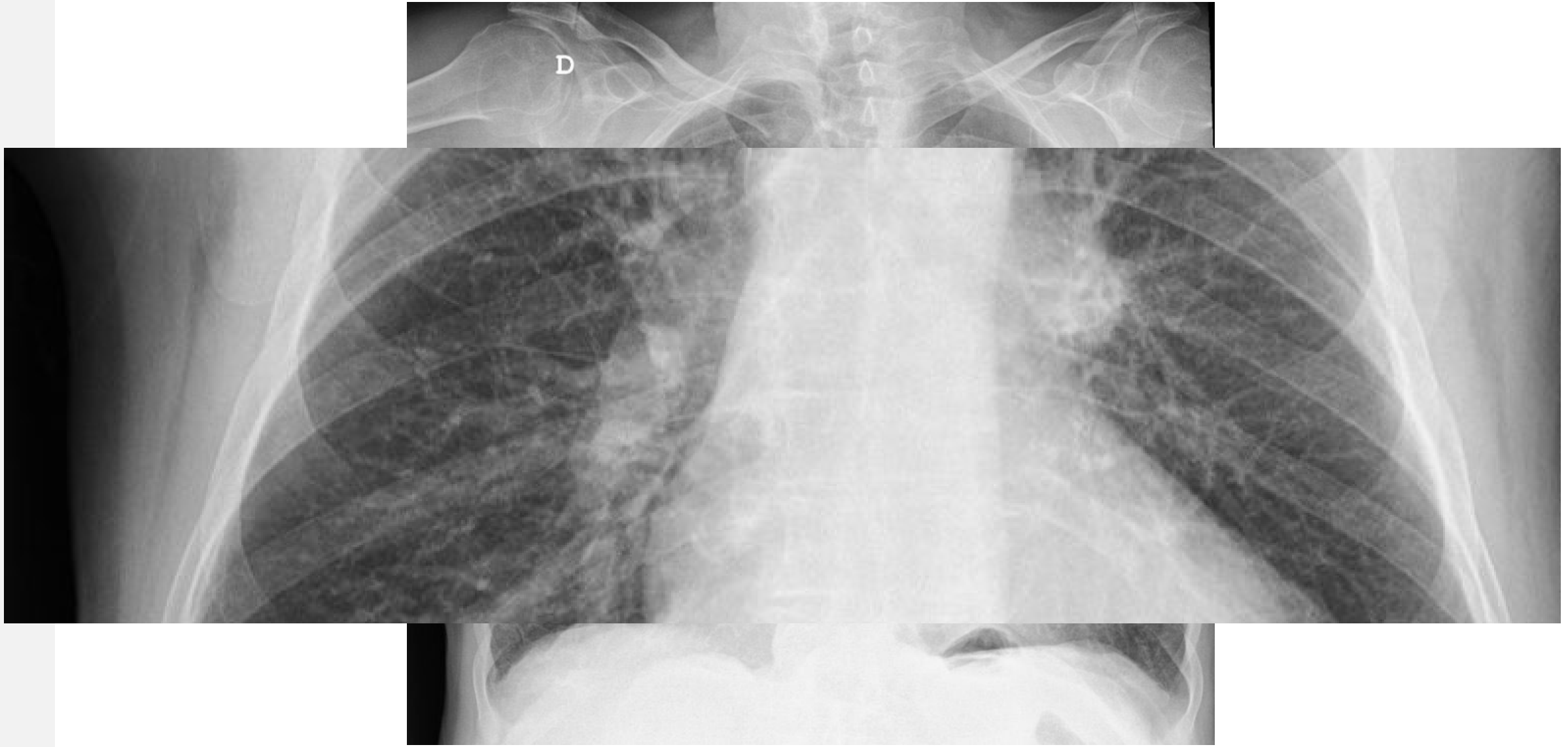

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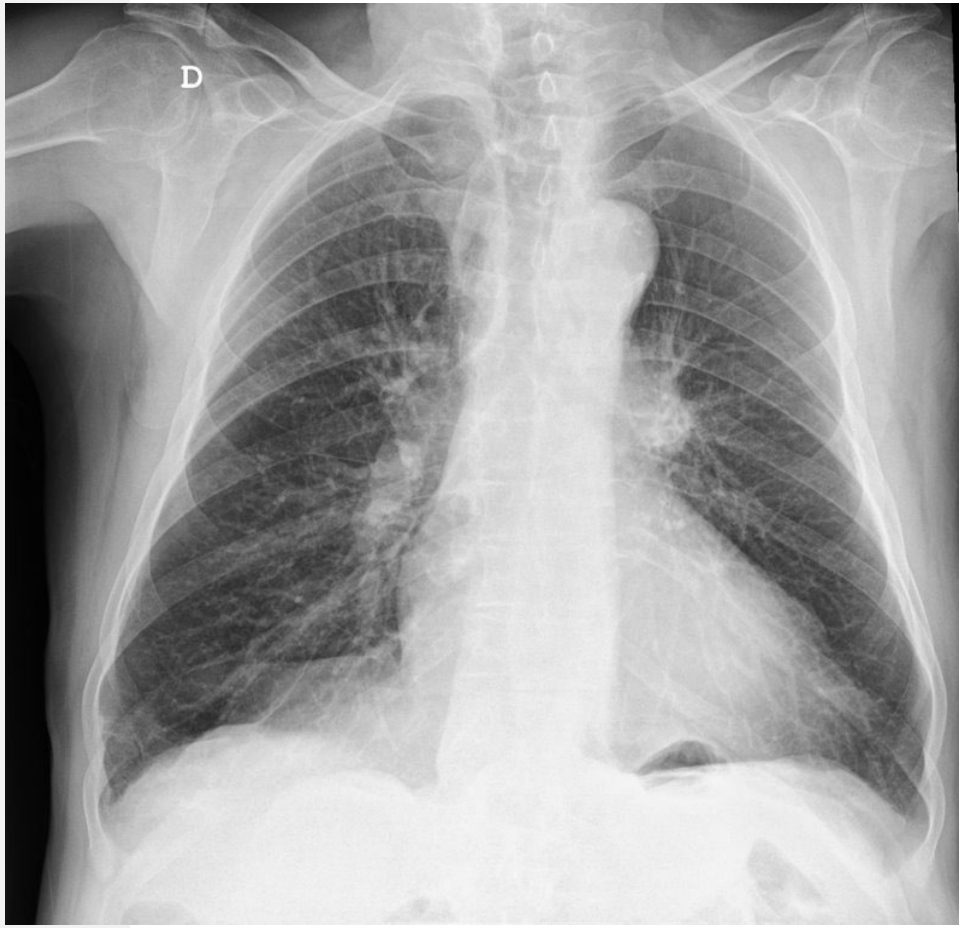

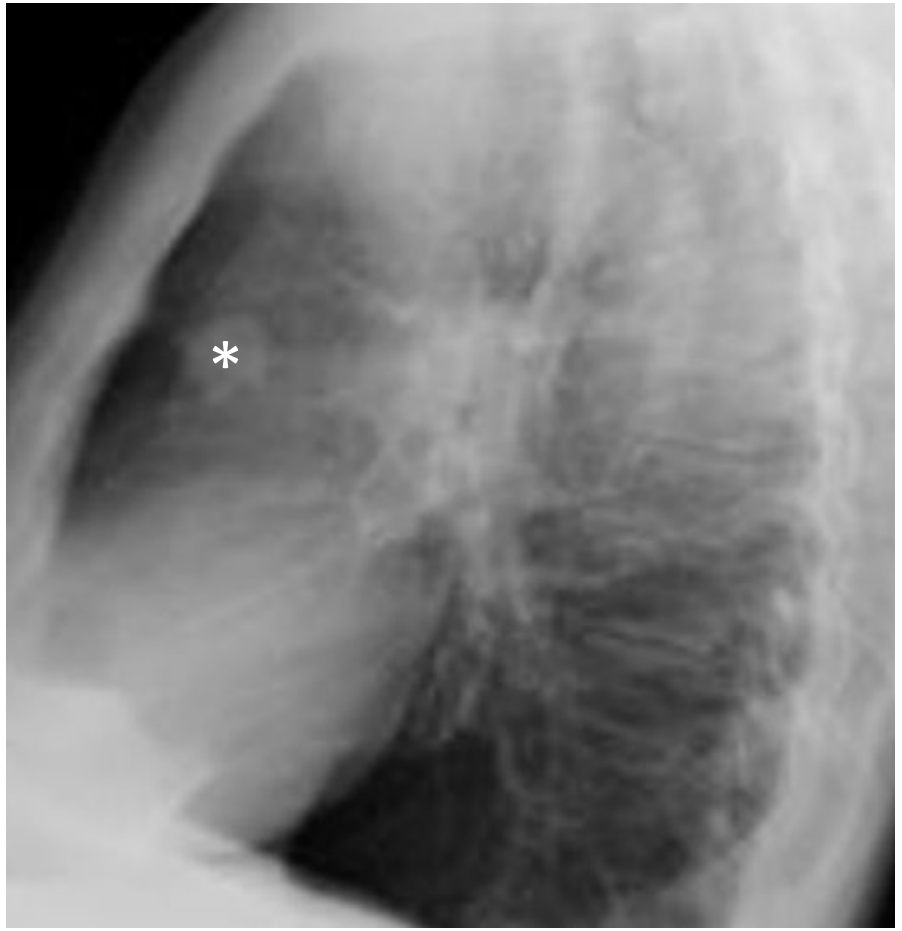

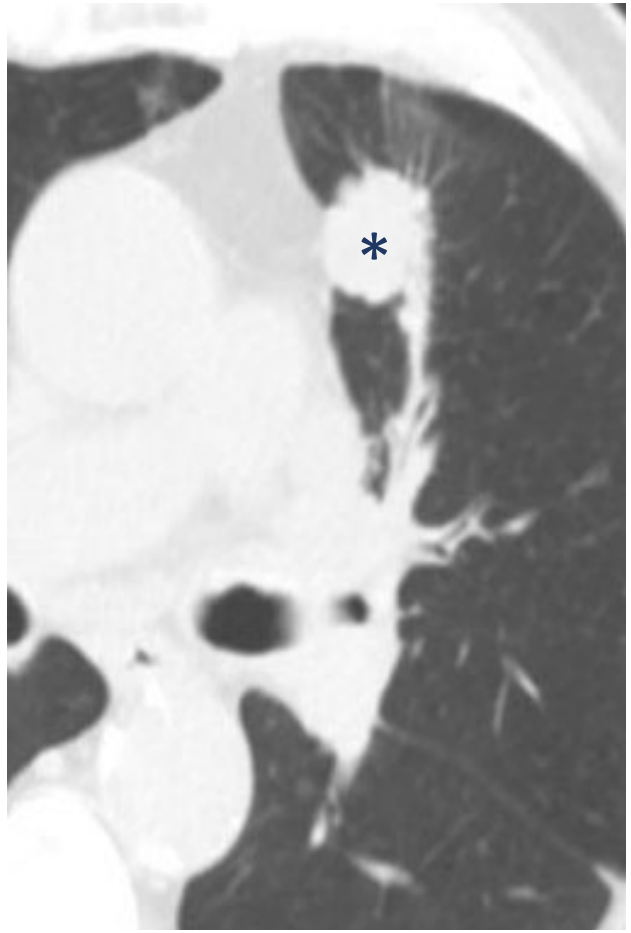

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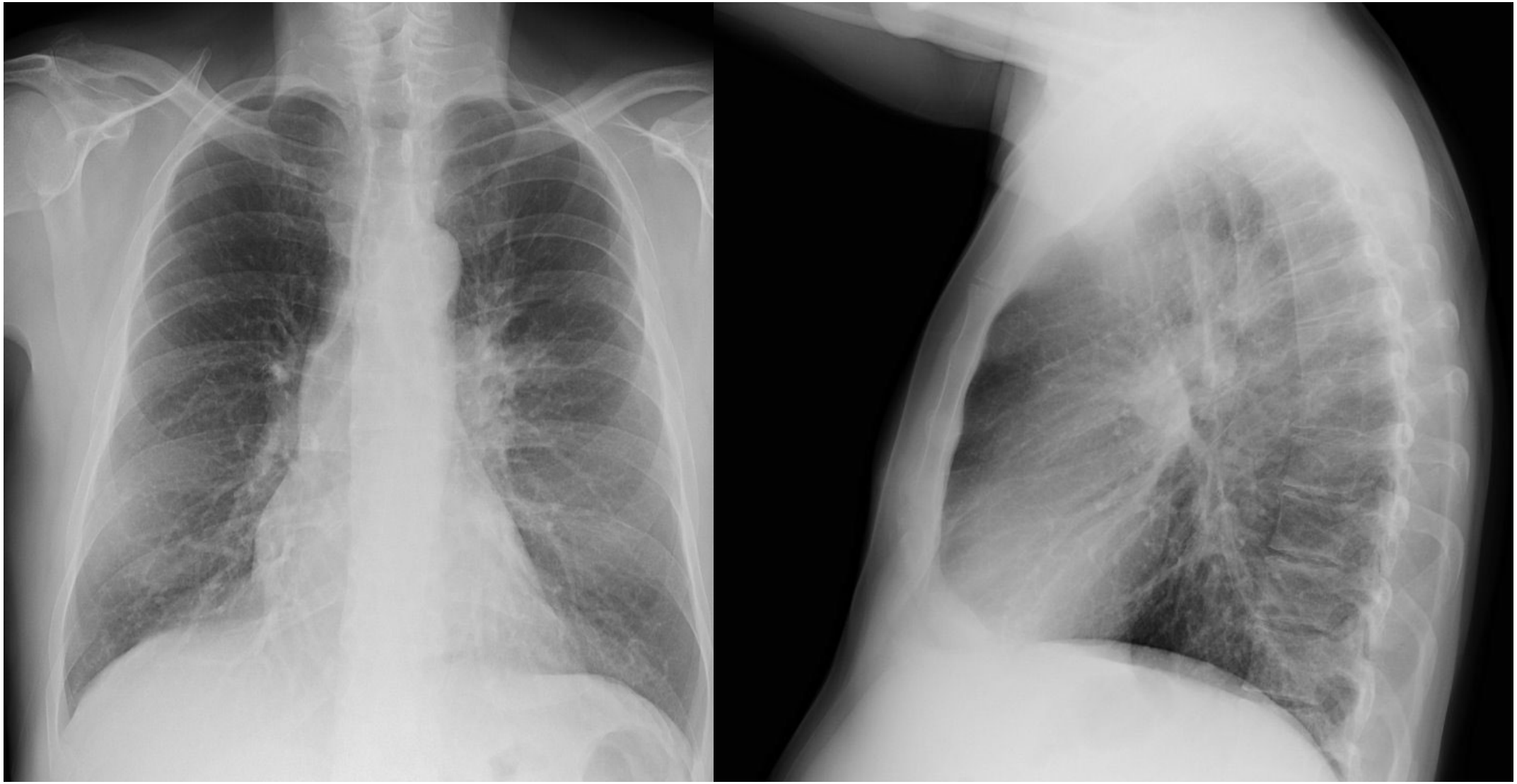

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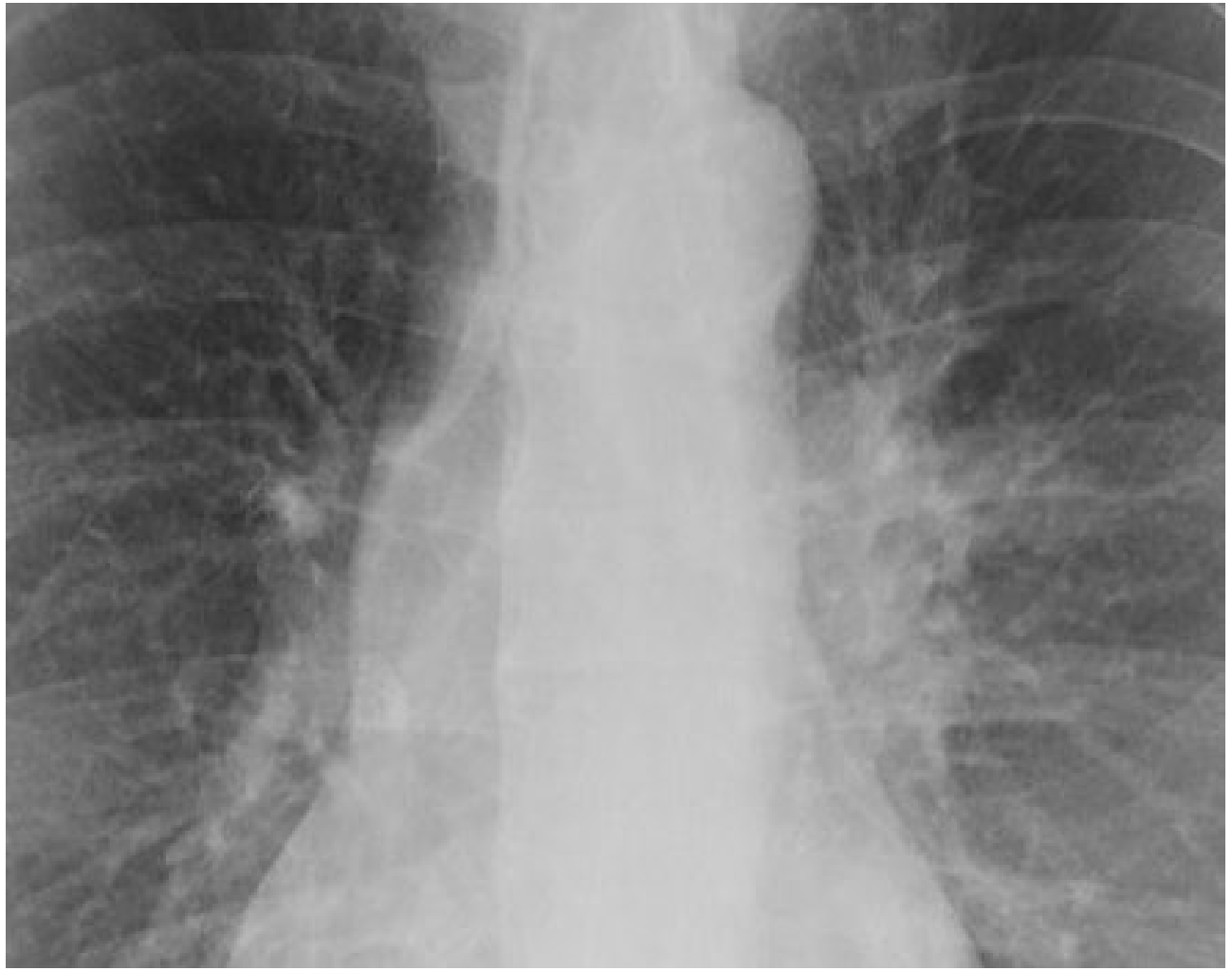

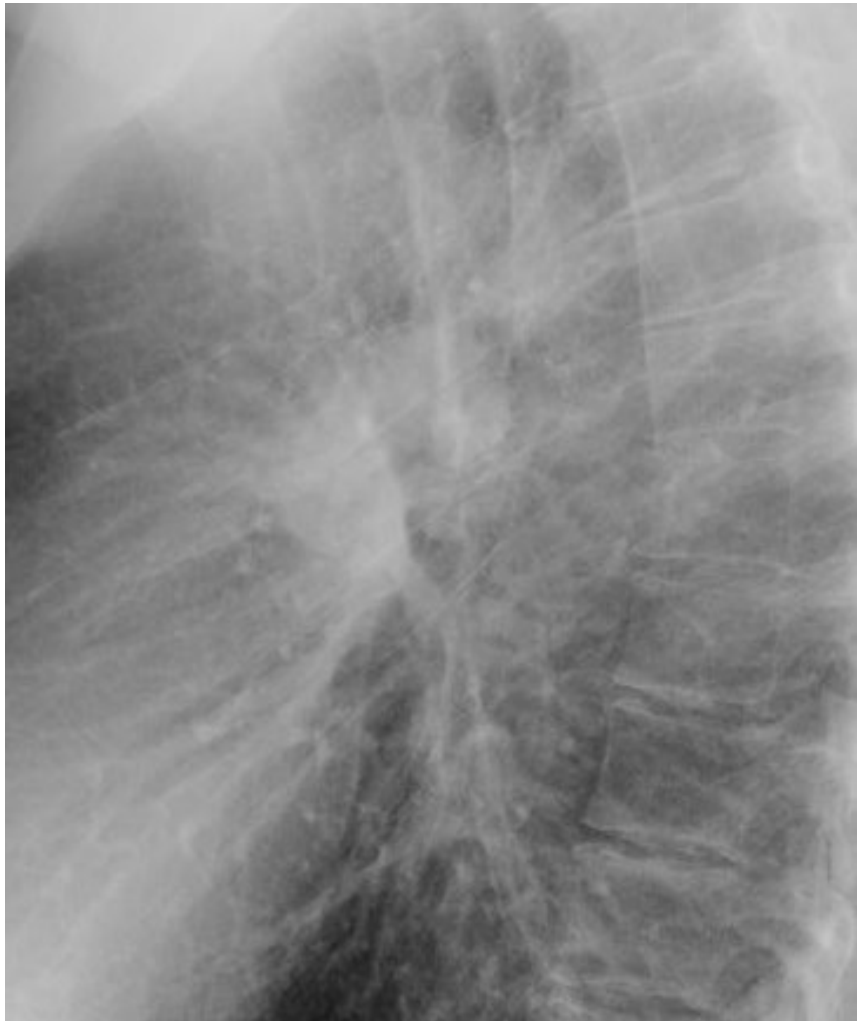

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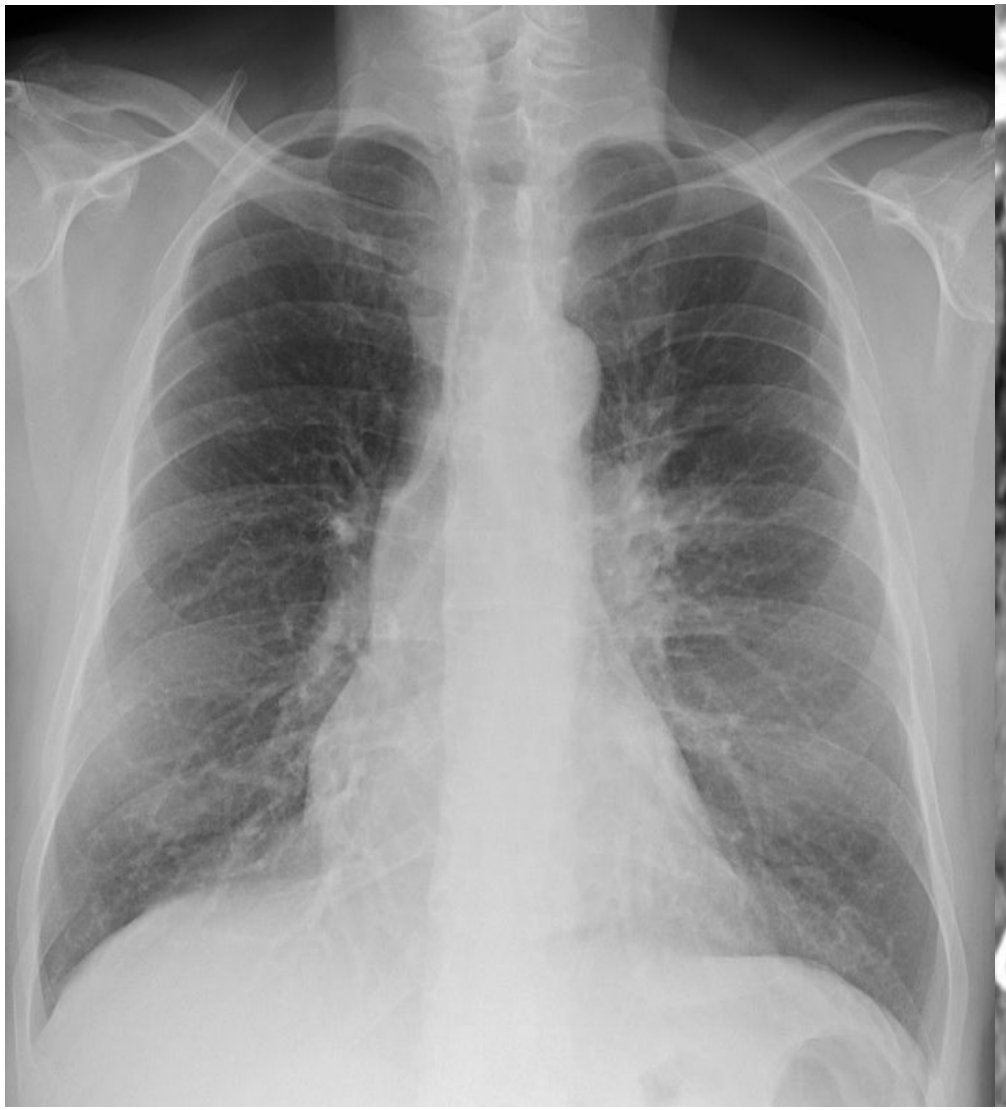

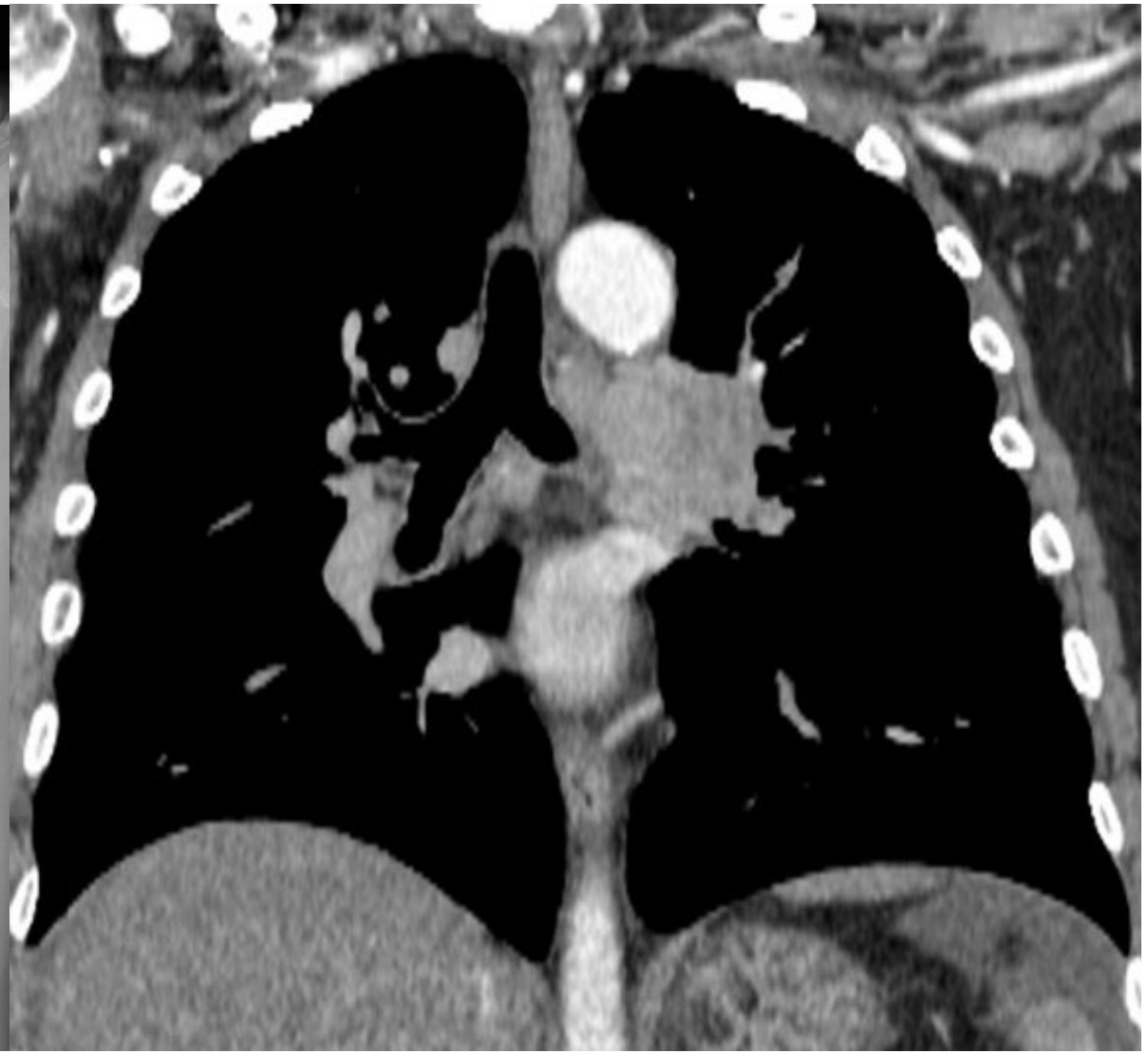

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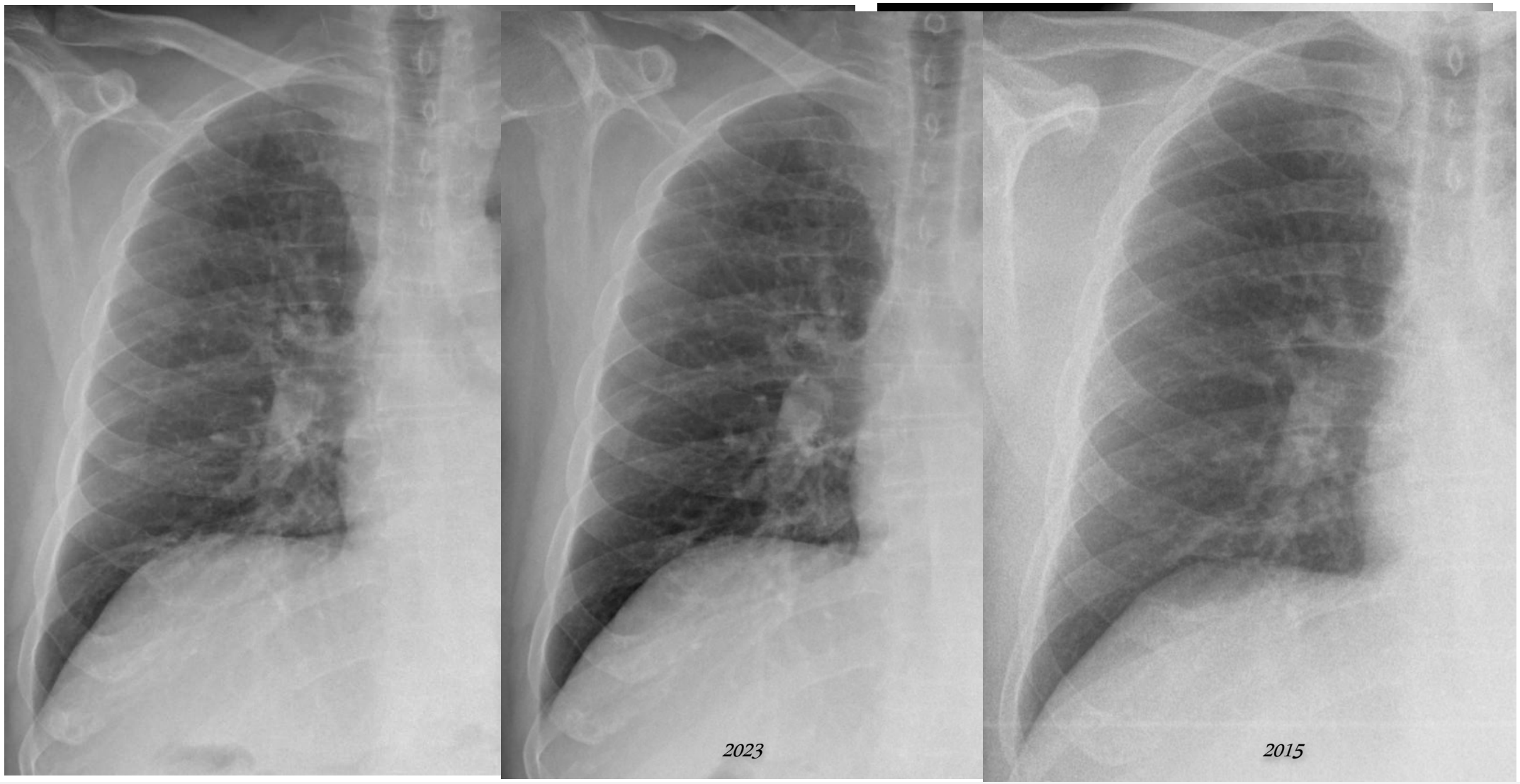

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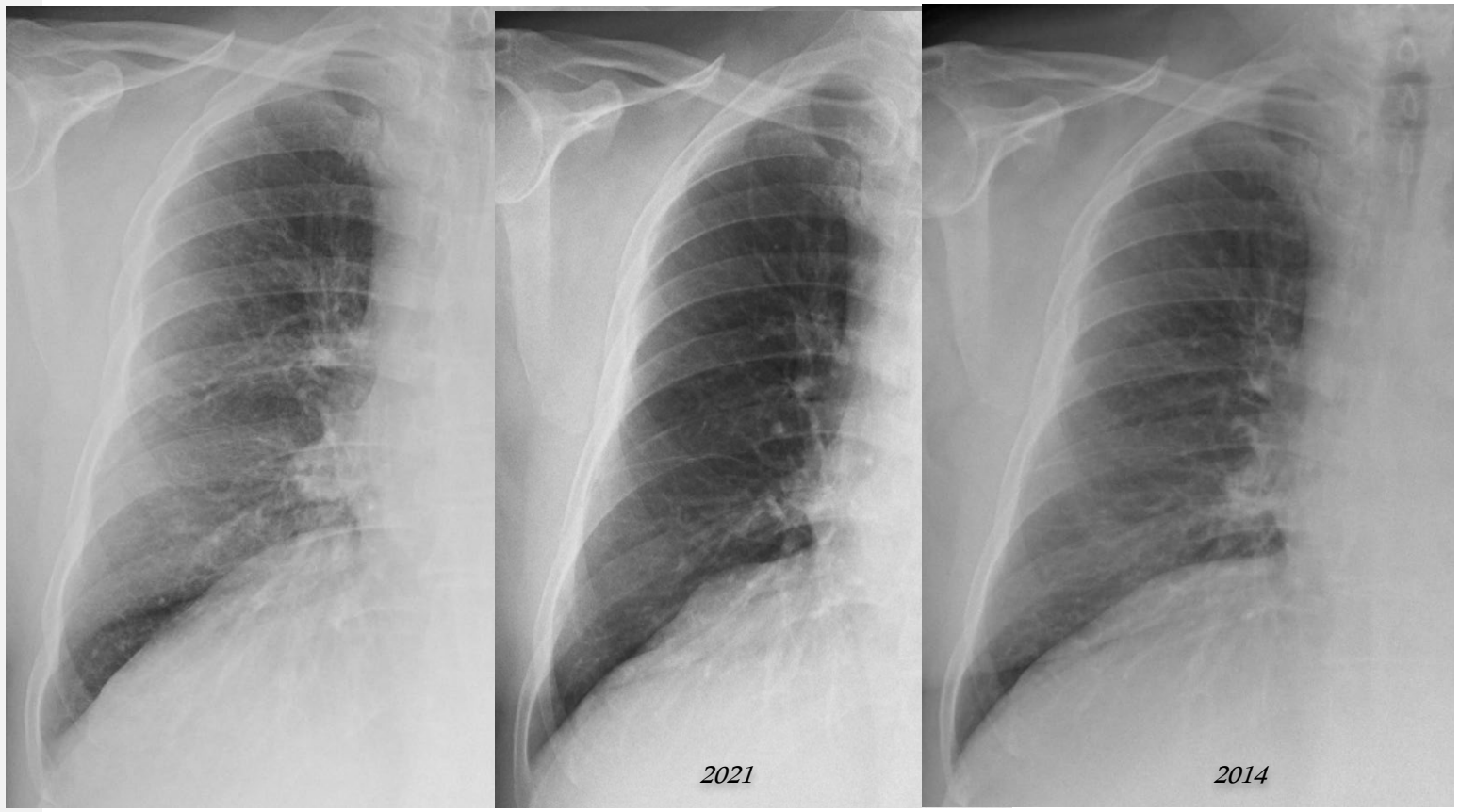

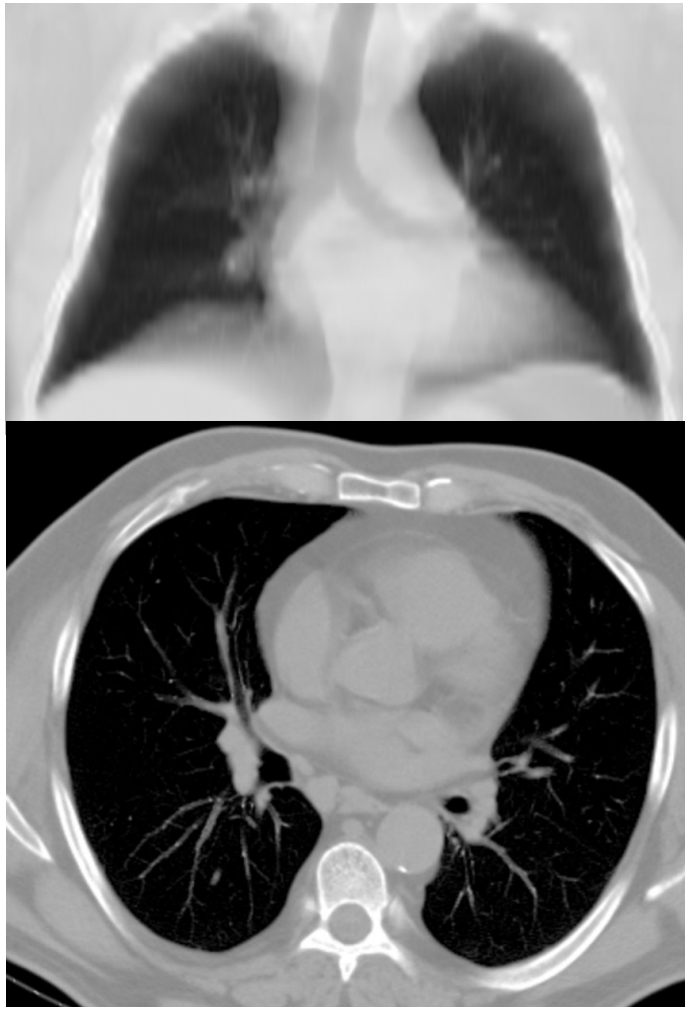

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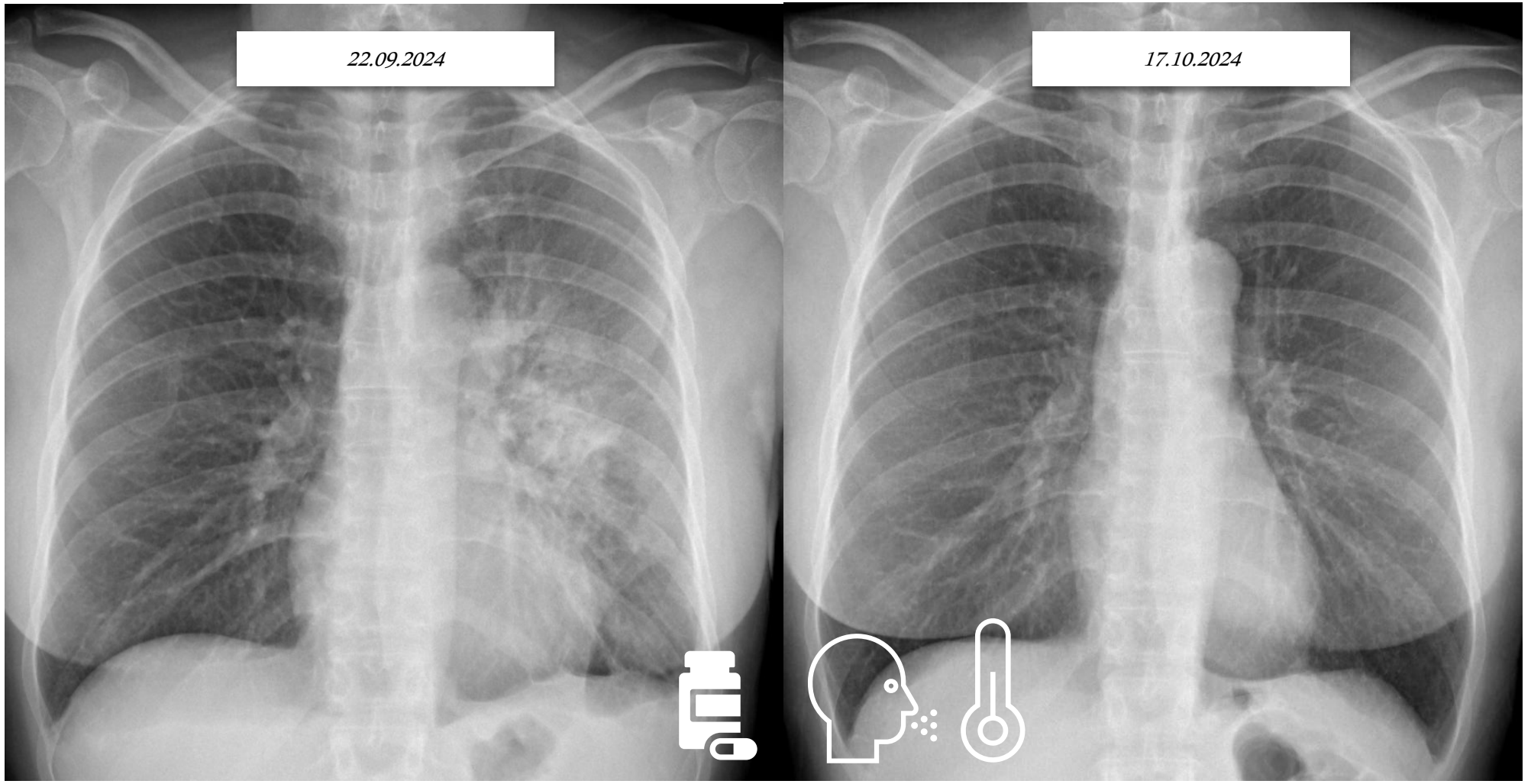

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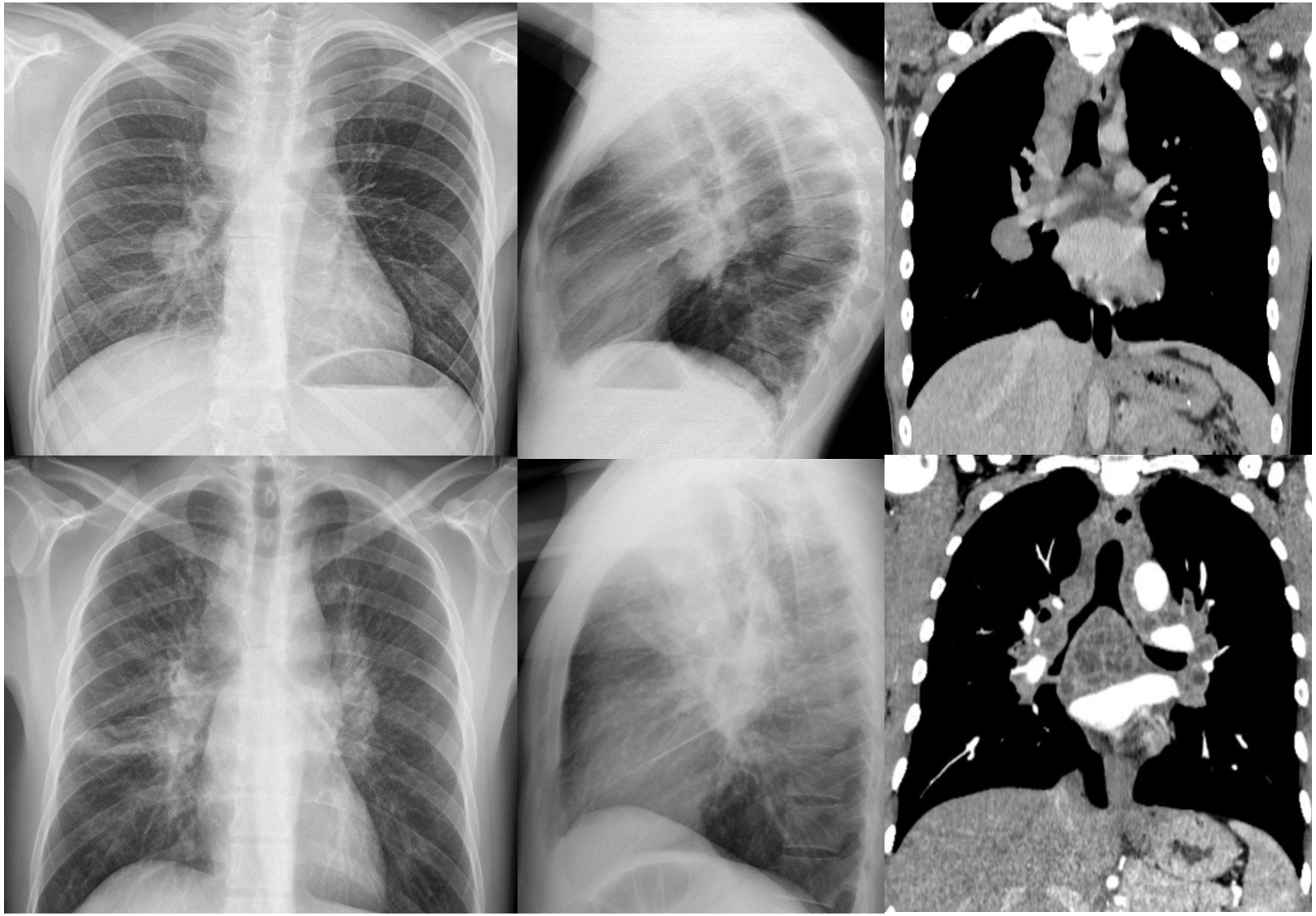
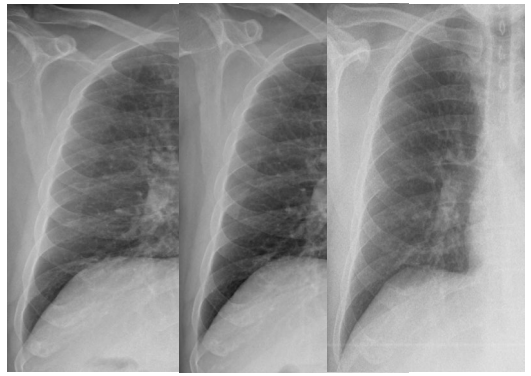
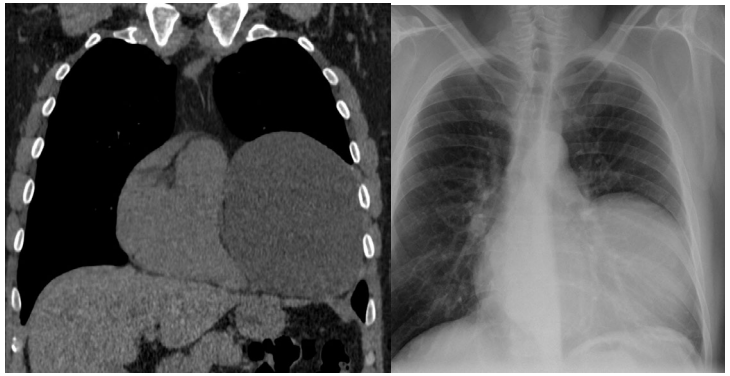


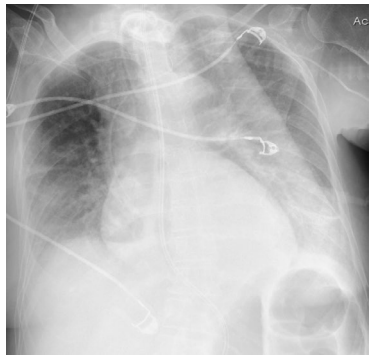
LIMFOMA

TUBERCULOSI

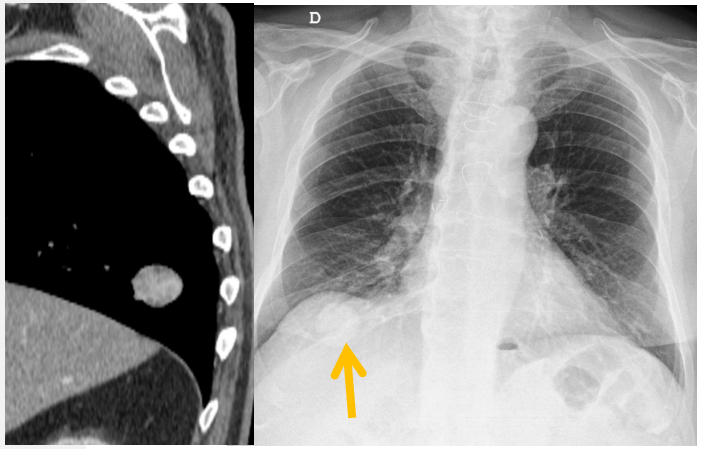
RADIOGRAFIA TÒRAX. INTERPRETACIÓ. CONCLUSIONS

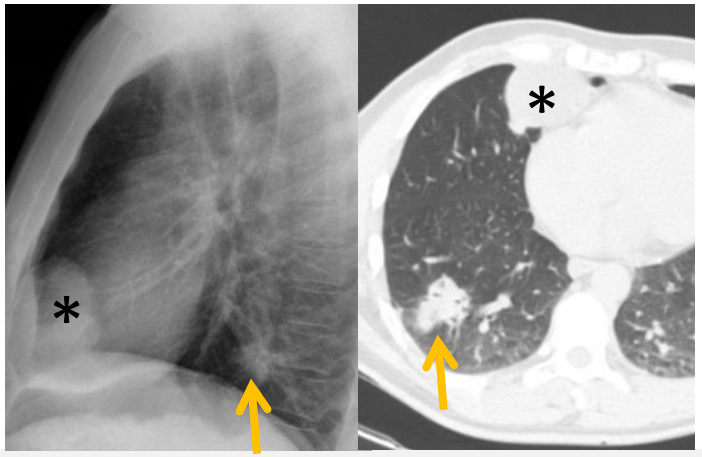


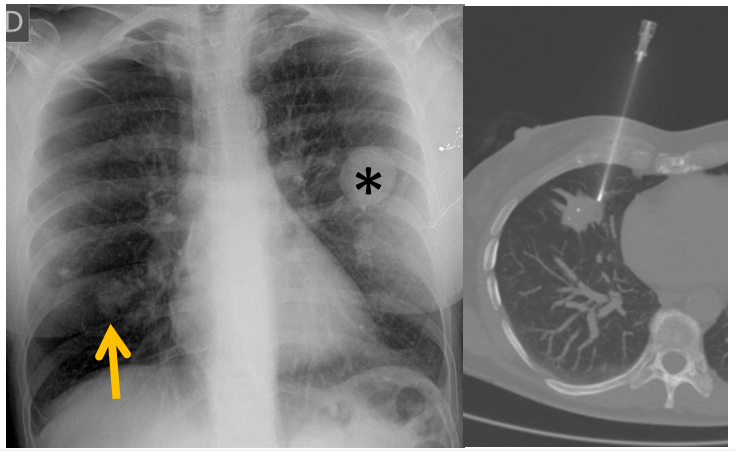




- **SISTEMÀTICA DE LECTURA** CLAU PER LIMITAR ELS POSSIBLES ERRORS PER INTERPRETAR LA RADIOGRAFIA
- ESPECIAL MIRAR **ÀREES PROBLEMÀTIQUES**: HILIS PULMONARS, ÀREA RETROCARDÍACA, ÀPEXS,..
- **COMPARAR** AMB ESTUDIS PREVIS. VALORACIÓ EVOLUTIVA
- I: CB + RL + EP. INFORMACIÓ OBTINGUDA: CONEIXEMENTS BÀSICS SEMIOLOGIA (**SIGNE DE LA SILUETA**) + **PROJECCIÓ LATERAL** + DISPOSAR D'ESTUDIS PREVIS
- EVITAR LA **SATISFACCIÓ DE LA BÚSQUEDA**
- IMPRESCINDIBLE UNA **BONA TÈCNICA** D'EXPLORACIÓ
- **EVITAR ERRORS DE PERCEPCIÓ**







Moltes gràcies per la vostra atenció

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