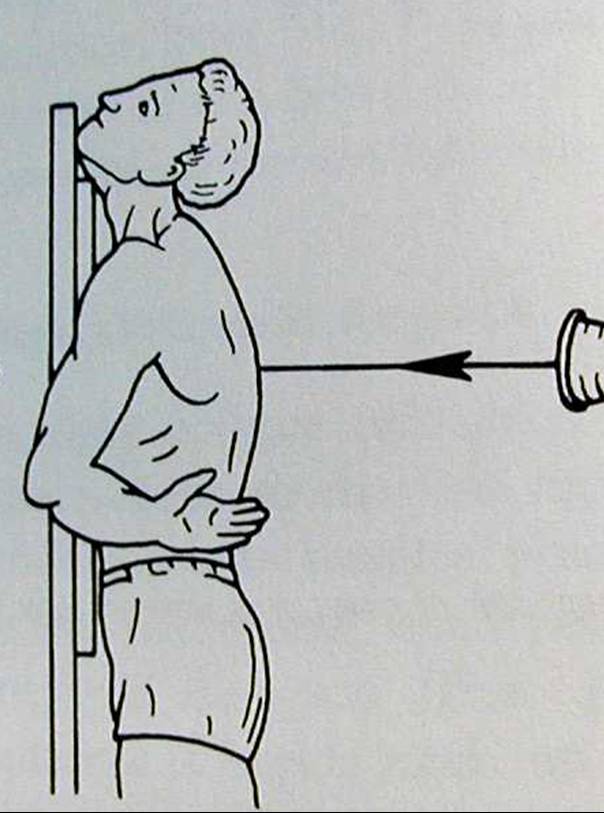
**TIEÁP CAÄN XQUANG NGÖÏC**

***I-Caùc kieåu:***

1. Sau - Tröôùc (PA):



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| **Film** |

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| **X-Ray Beam** |

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| **Patient's Posterior** |

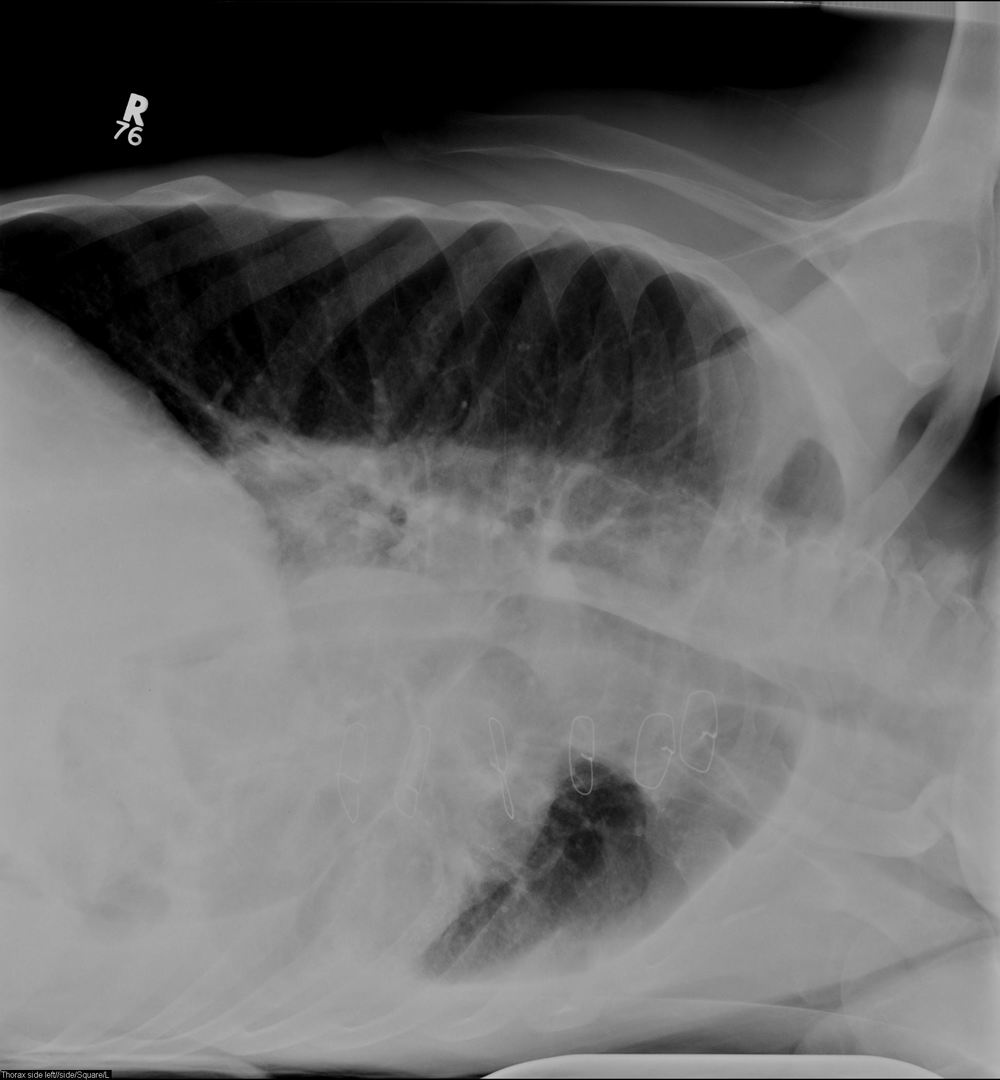
1. Beân:

|  |  |
| --- | --- |
| |  | | --- | | **FILM** | |

1. Tröôùc - Sau (AP):
2. Ñænh öôõn:



1. Naèm nghieâng:



***II-Caùc yeáu toá kyõ thuaät:***

Goàm:

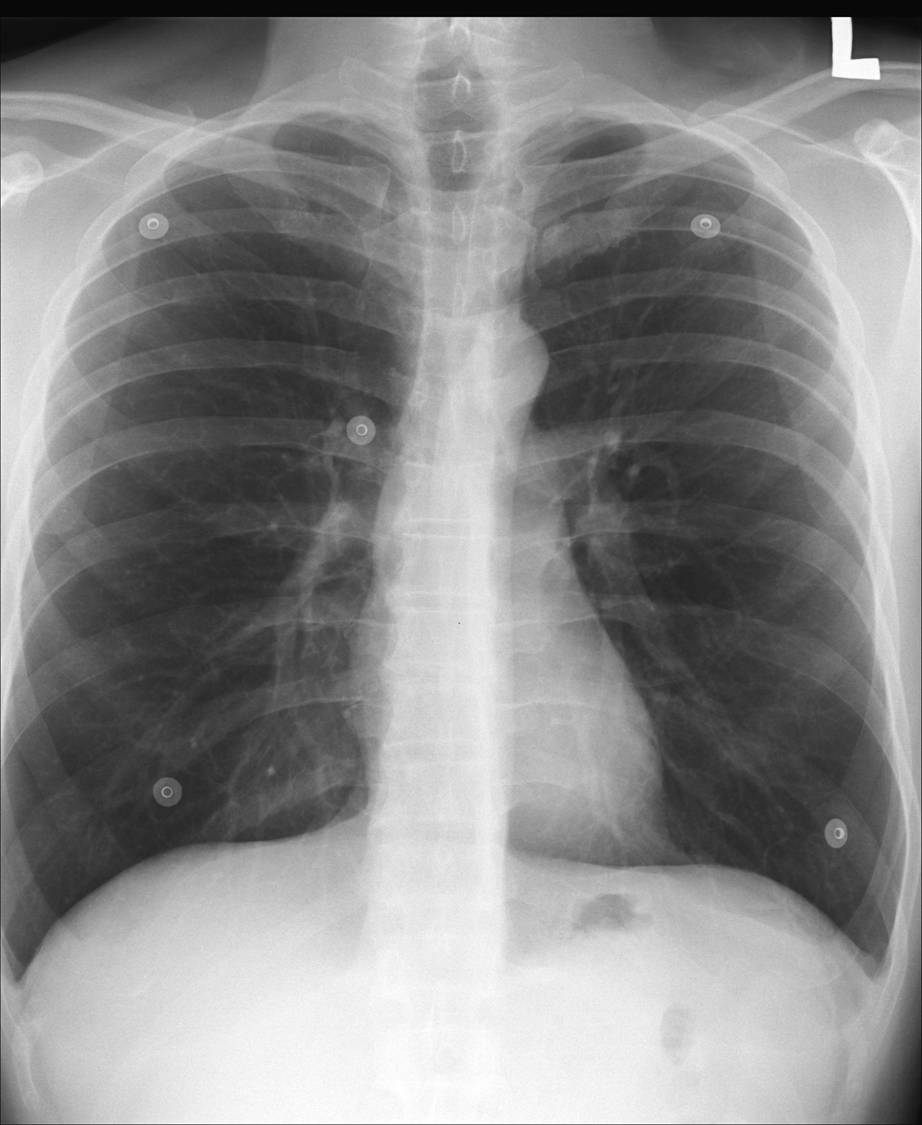
1. Teân beänh nhaân.
2. Ñaùnh daáu beân (P) vaø (T) cuûa film.
3. Tö theá beänh nhaân.
4. Ñoä xuyeân thaáu.
5. Hít ñuû saâu.

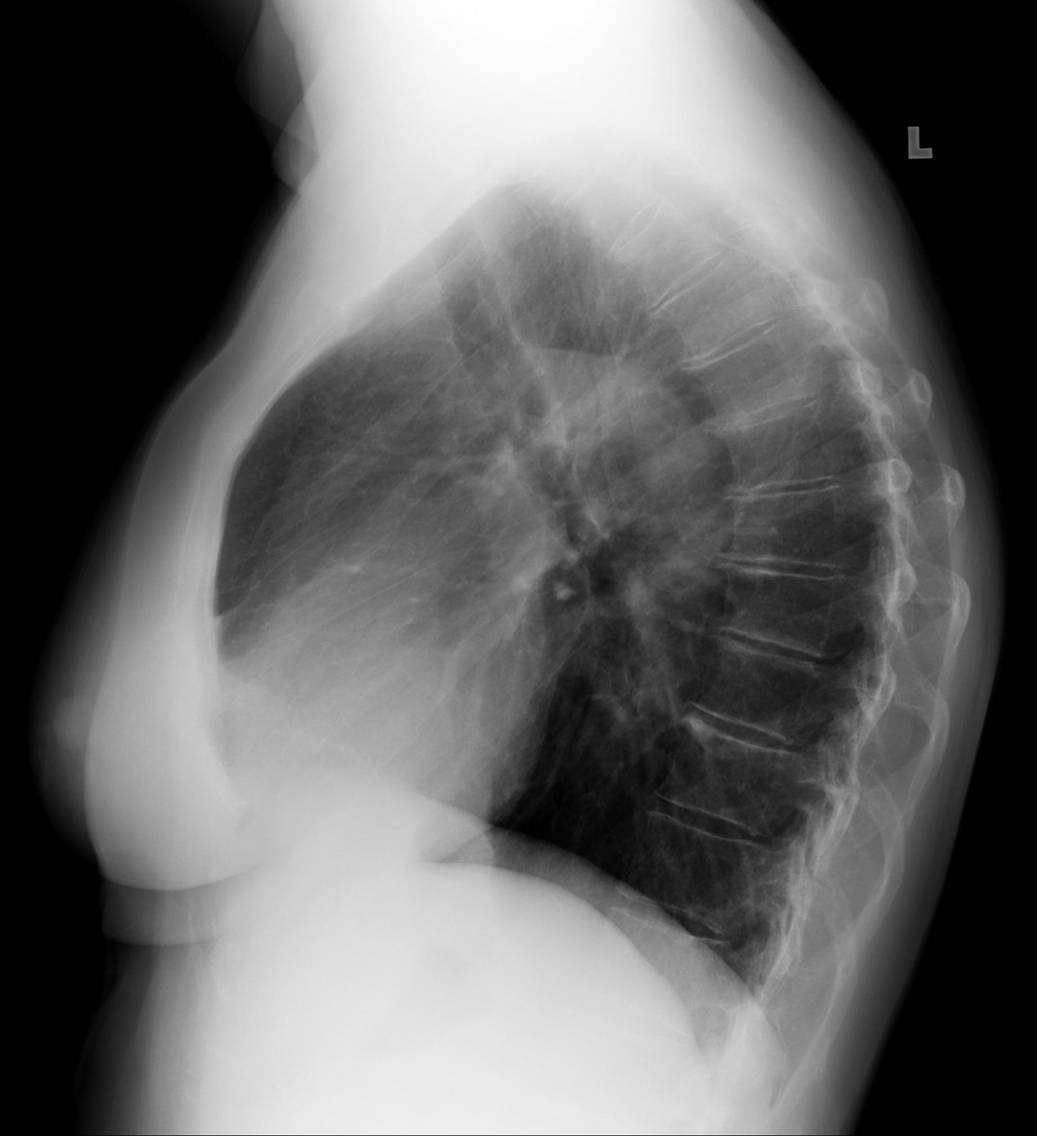
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| **Ñaùnh giaù tö theá beänh nhaân: 2 ñaàu xöông ñoøn caùch ñeàu moûm gai ñoát soáng.** |
|  |
| **Ñaûm baûo tia xuyeân thaáu toát: thaáy ñöôïc coät soáng ngöïc.** |
|  |
| **Ñaûm baûo beänh nhaân hít ñuû saâu: phía tröôùc thaáy ñöôïc xöông söôøn 6 vaø phía sau thaáy ñöôïc xöông söôøn 10** |

***III-Xöông vaø moâ meàm:***

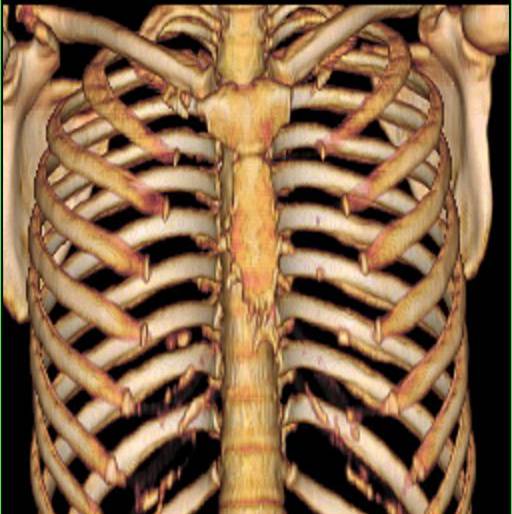
1. Xaùc ñònh:
   * Caùc xöông söôøn.
   * Coät soáng.
   * Caùc xöông vai.
   * Xöông öùc.
2. Oân laïi giaûi phaãu:

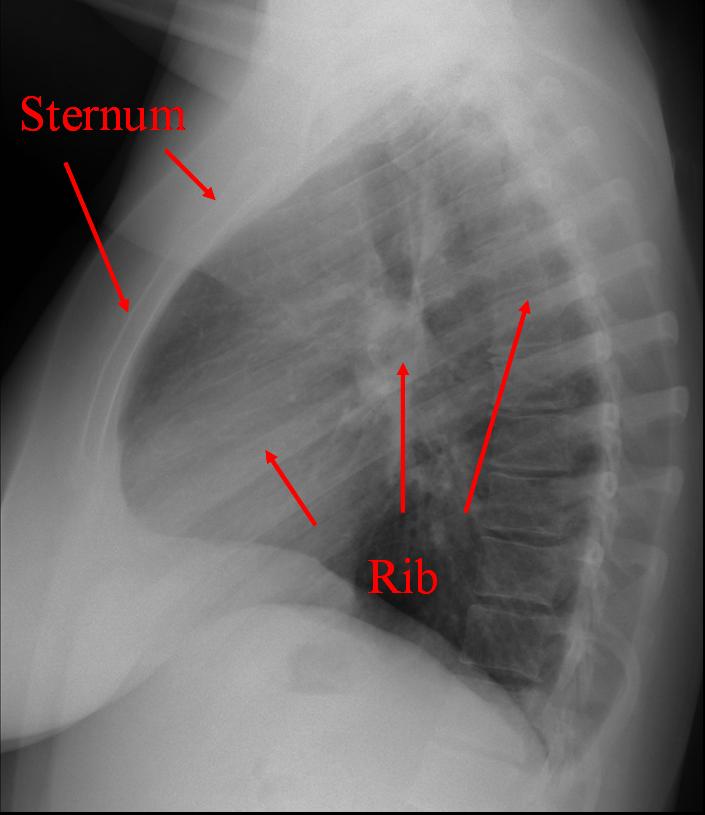
a-Film PA:

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[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

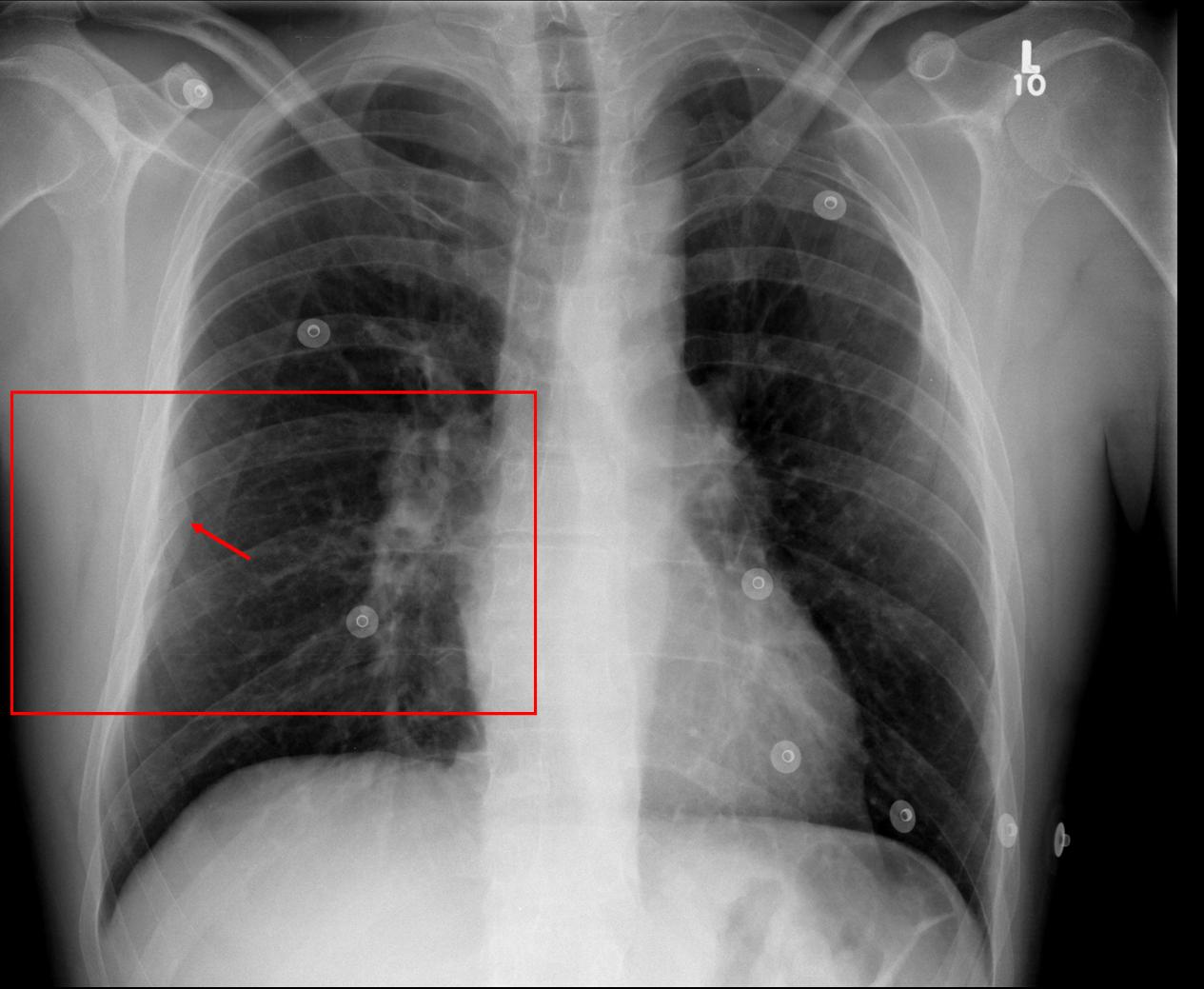
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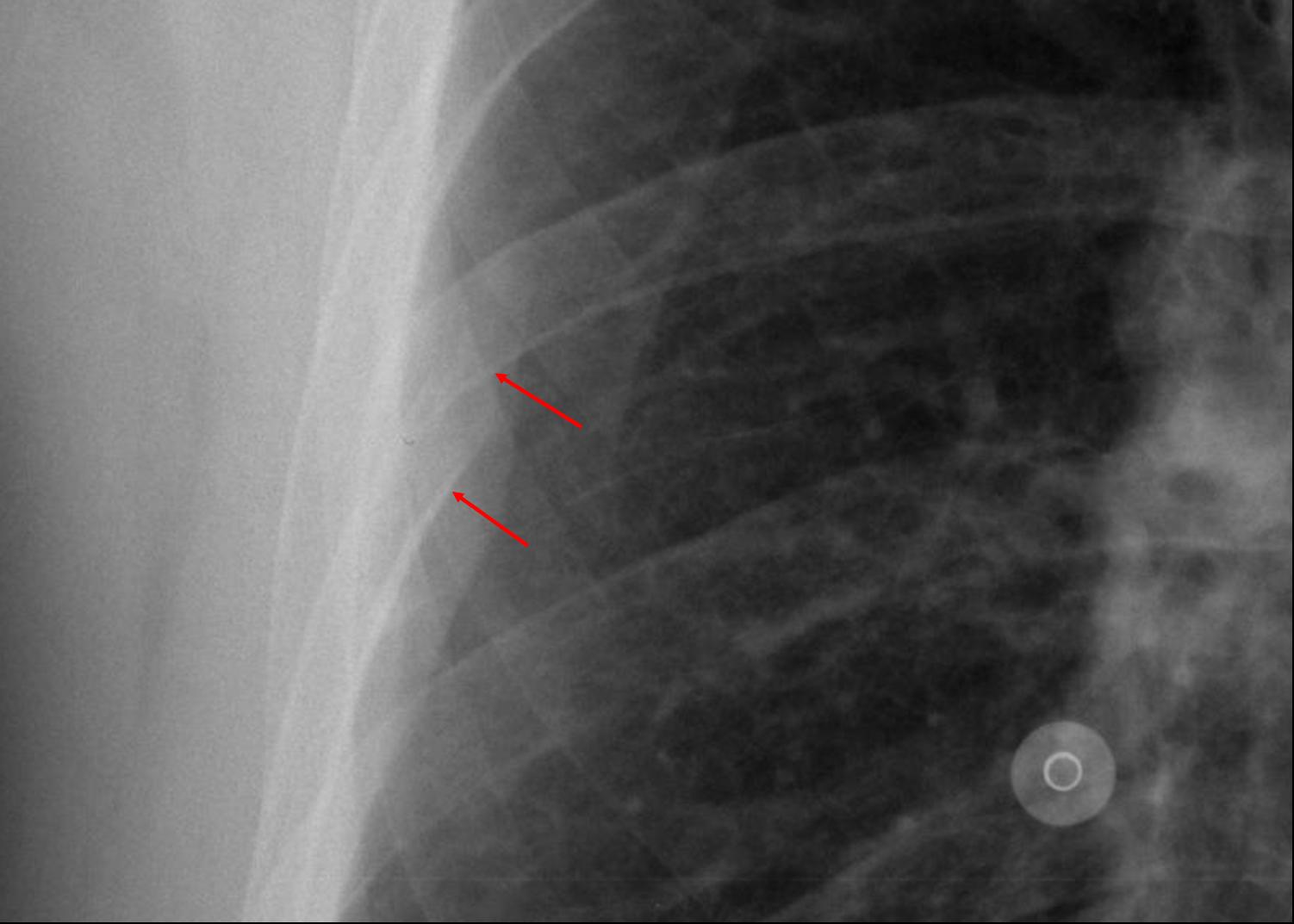
[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

1. Ñaùnh giaù:
   * Gaãy xöông.

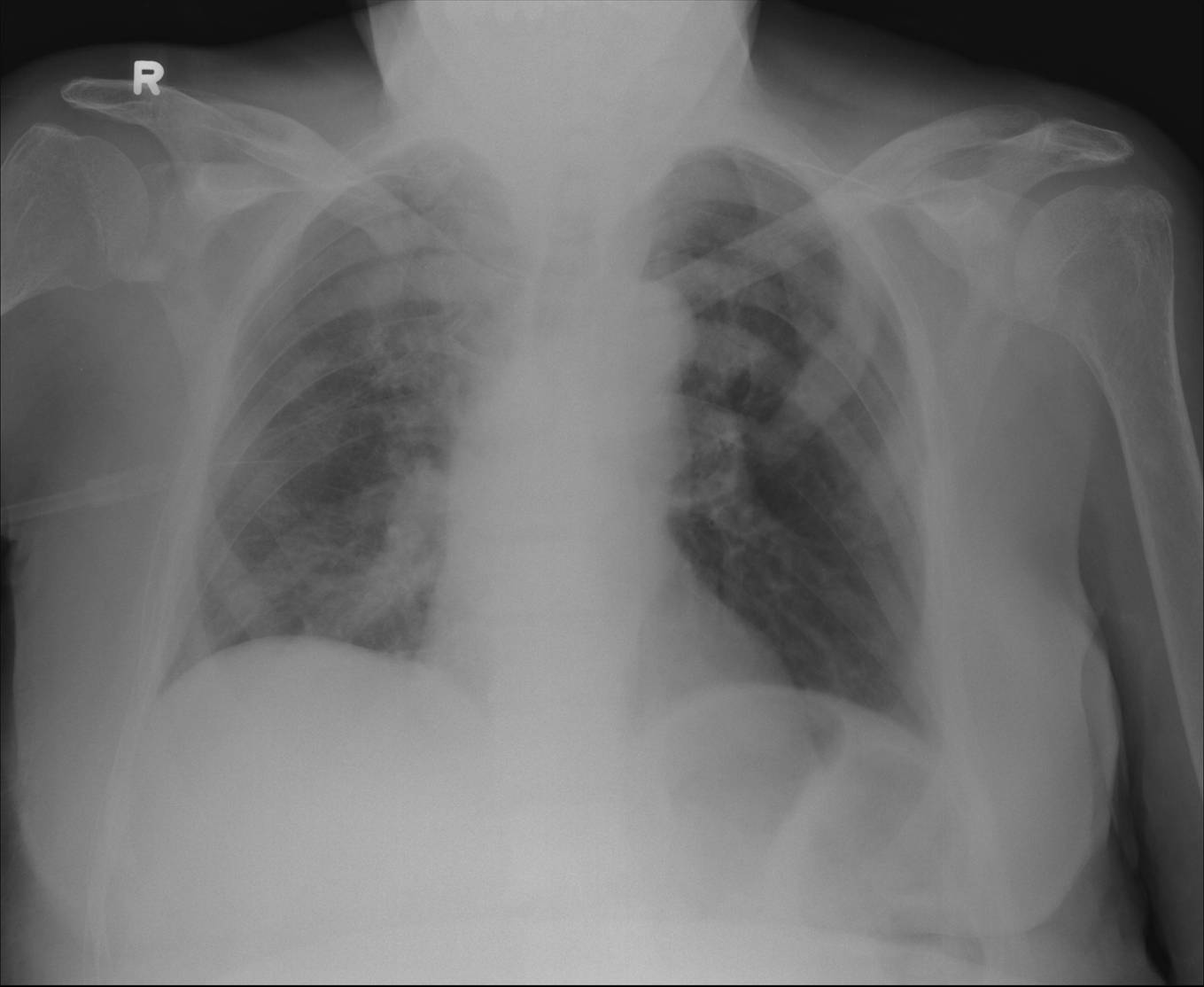
[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP2'%5d))

Gaãyxöông söôøn.

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP2'%5d))

Gaãy xöông söôøn.

* + Caùc sang thöông (nhö di caên).



* + Maät ñoä xöông.

***V-Maøng phoåi vaø cô hoaønh:***

1. Xaùc ñònh:
   * Maøng phoåi thaønh vaø maøng phoåi taïng.
   * Goùc söôøn - hoøanh treân film thaúng vaø nghieâng.
2. Ñaùnh giaù:

* Cô hoøanh: naâng cao, deït, khí töï do.
* Hình daïng:

Daày: thöôøng do vieâm

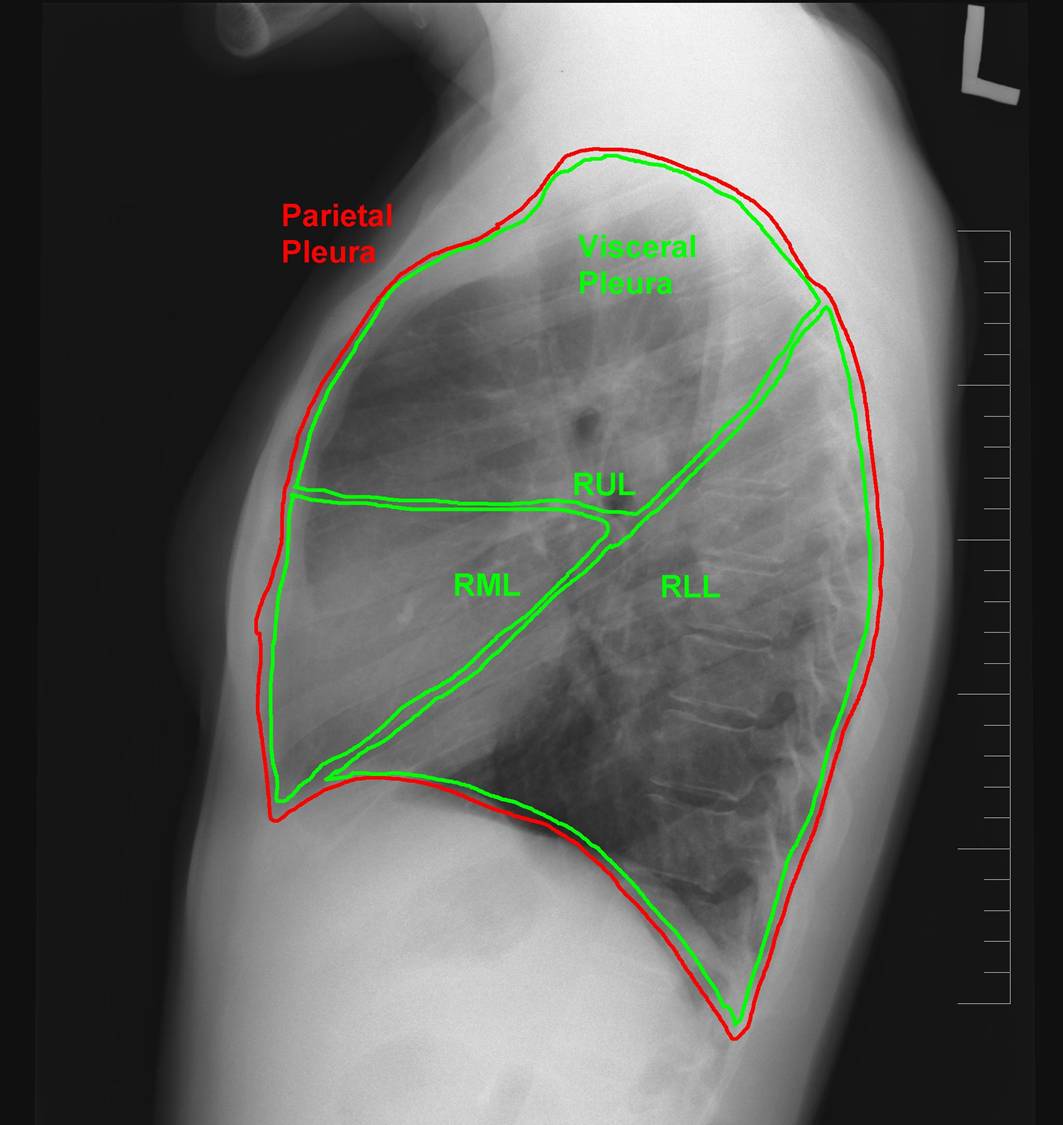
Canxi hoùa: thöôøng laø di chöùng cuûa vieâm maøng phoåi hay Traøn khí maøng phoåi.

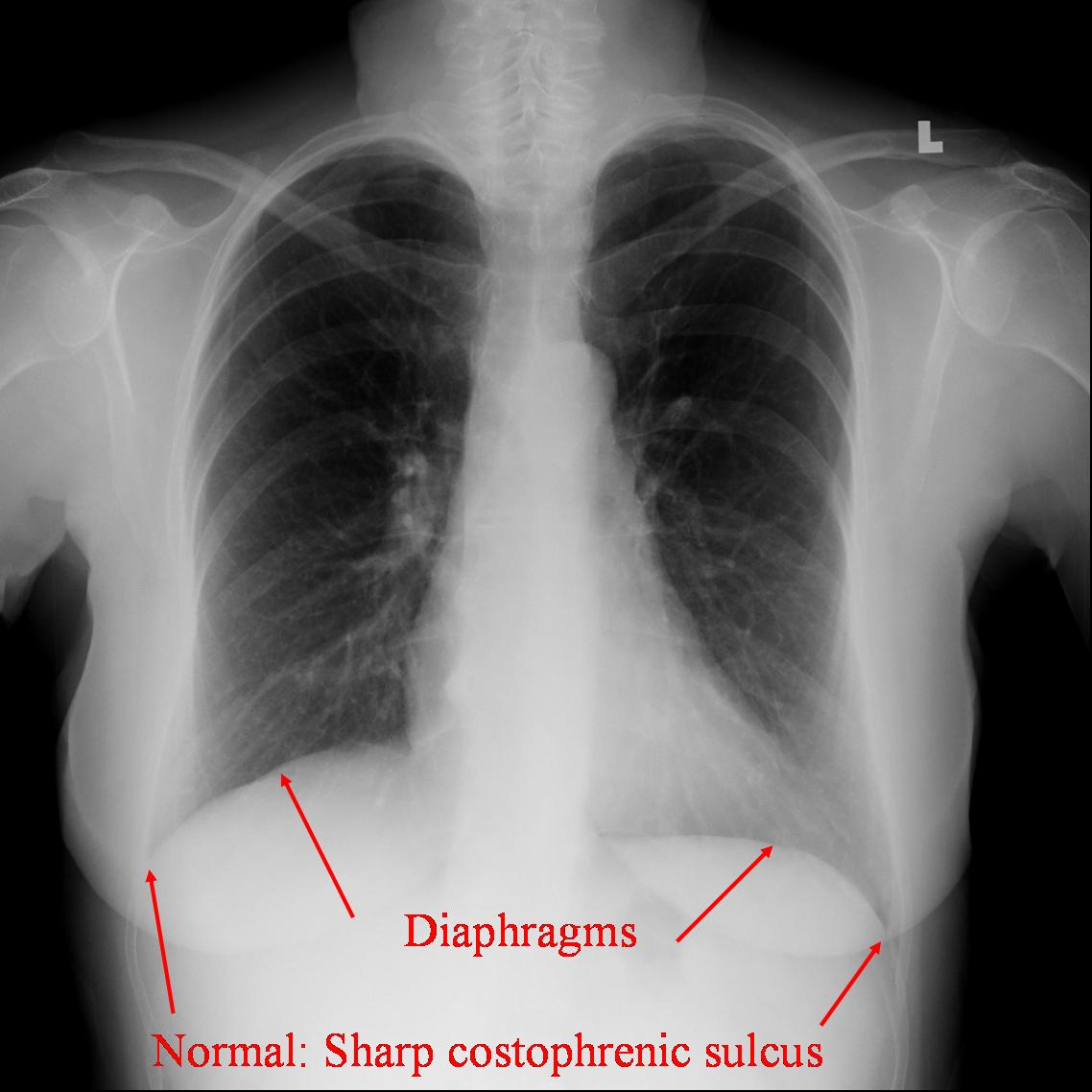
U: U cuûa maøng phoåi hay ngoaøi phoåi thöôøng taïo goùc tuø vôùi maøng phoåi keá caän trong khi u cuûa phoåi thöôøng taïo goùc nhoïn.

Traøn dòch maøng phoåi:

Traøn dòch maøng phoåi khoâng bieán chöùng thöôøng nhieàu phía beân hôn phaàn trung taâm vaø taïo thaønh ñöôøng cong. Ñöôøng thaúng naèm ngang gaëp trong Traøn dòch - traøn khí maøng phoåi.

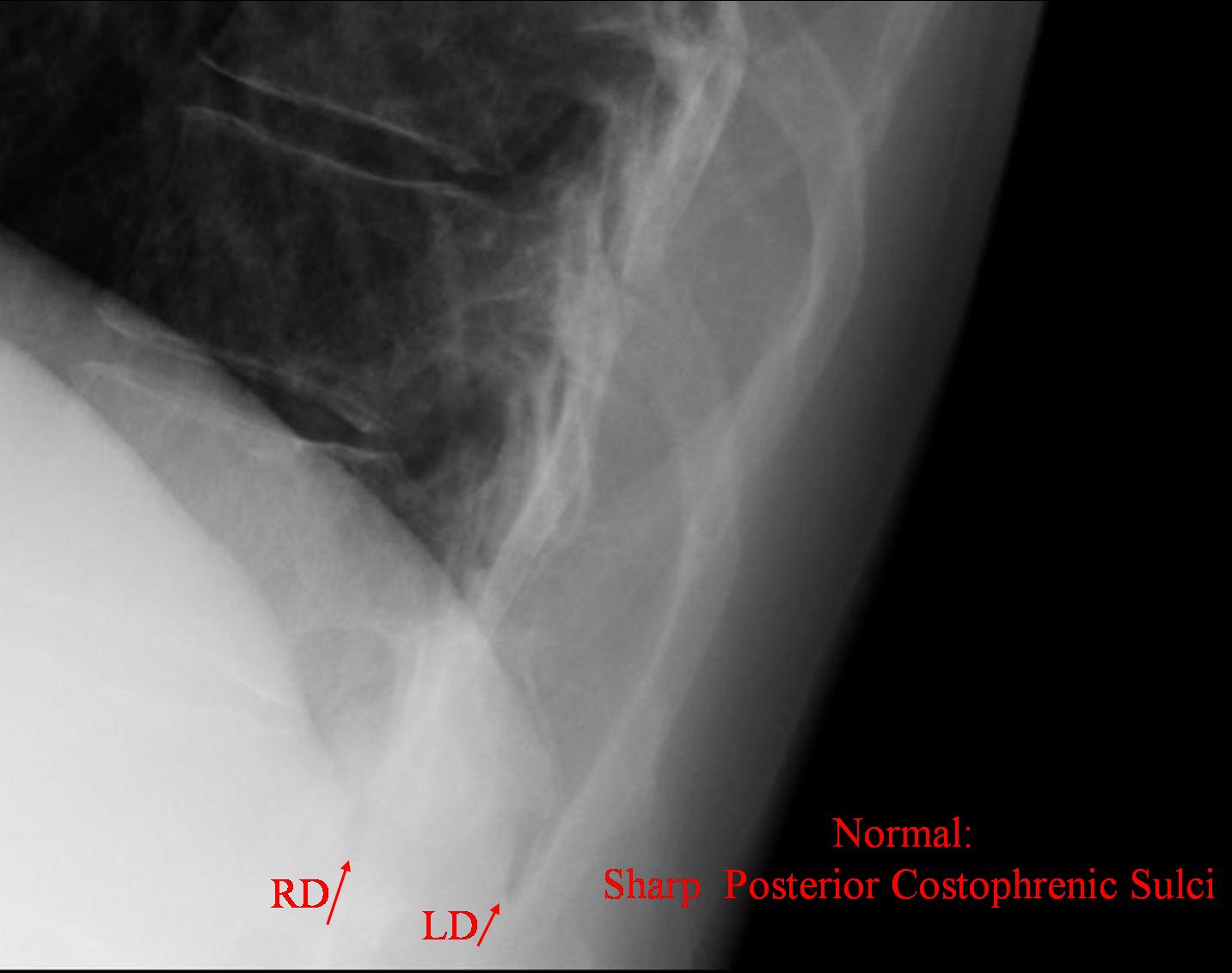
* Traøn khí maøng phoåi:

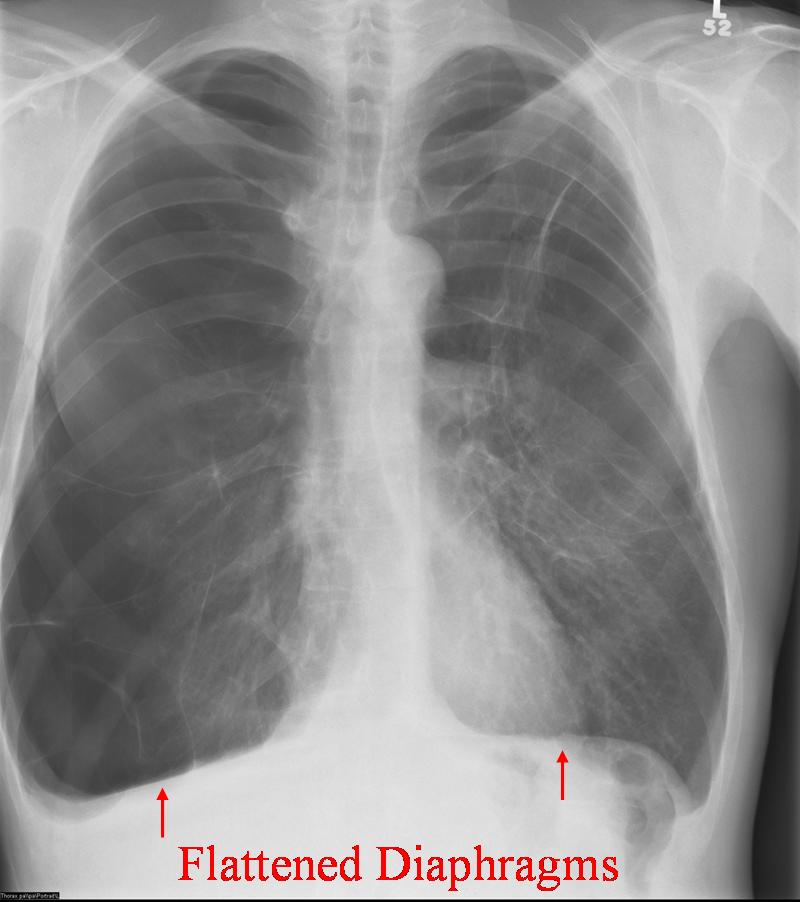




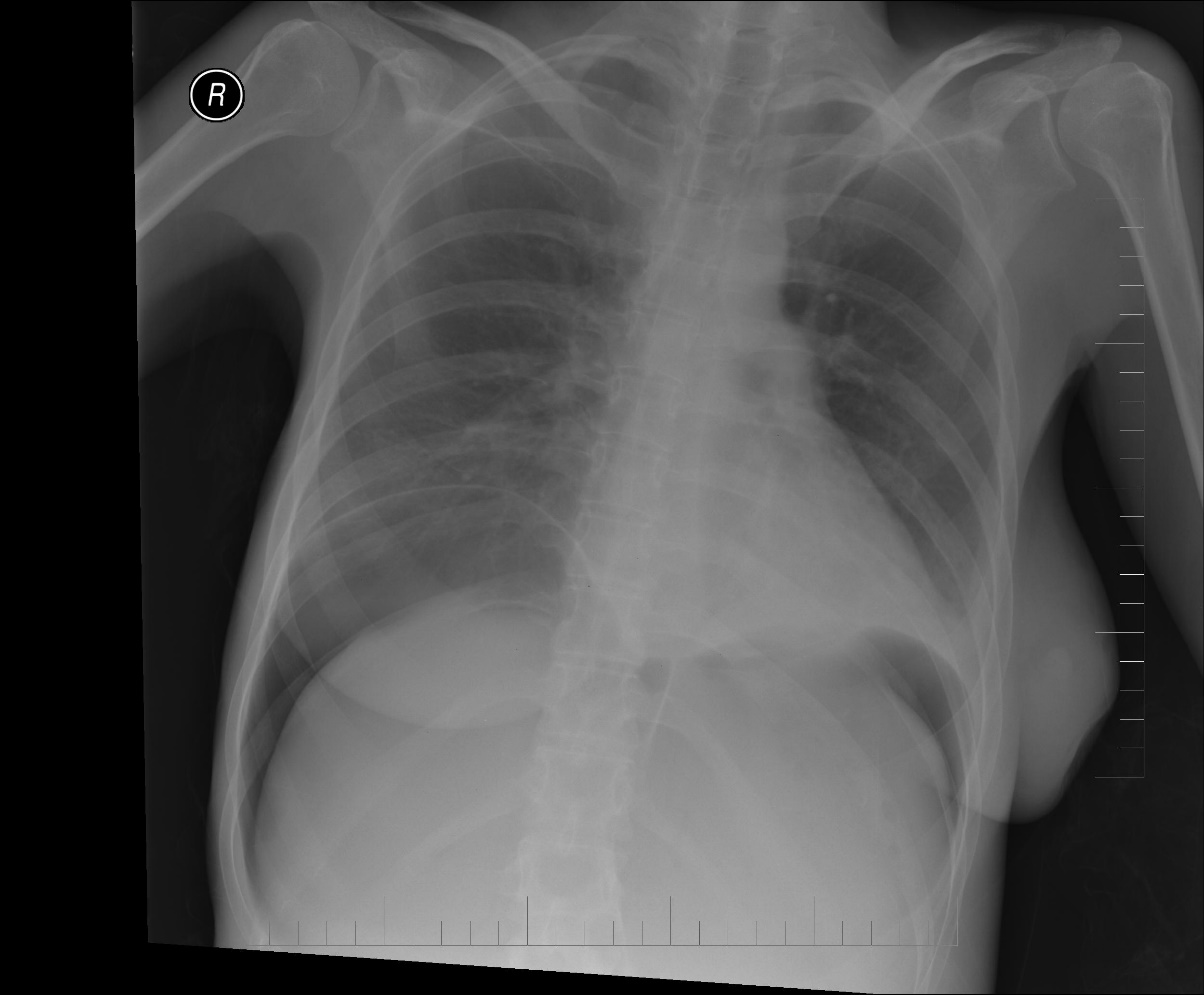
[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

Treân film nghieâng: goùc söôøn - hoaønh nhoïn.

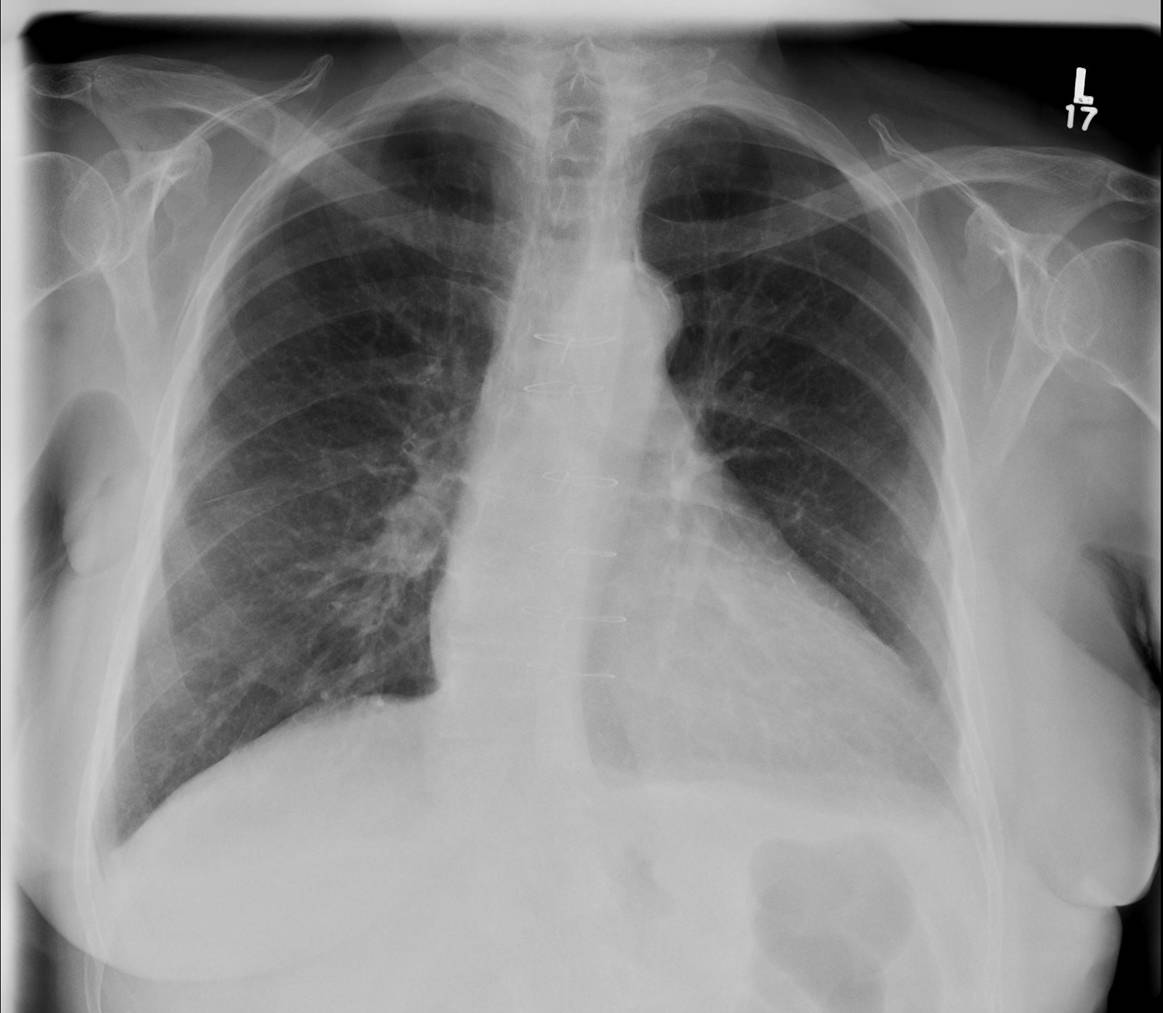
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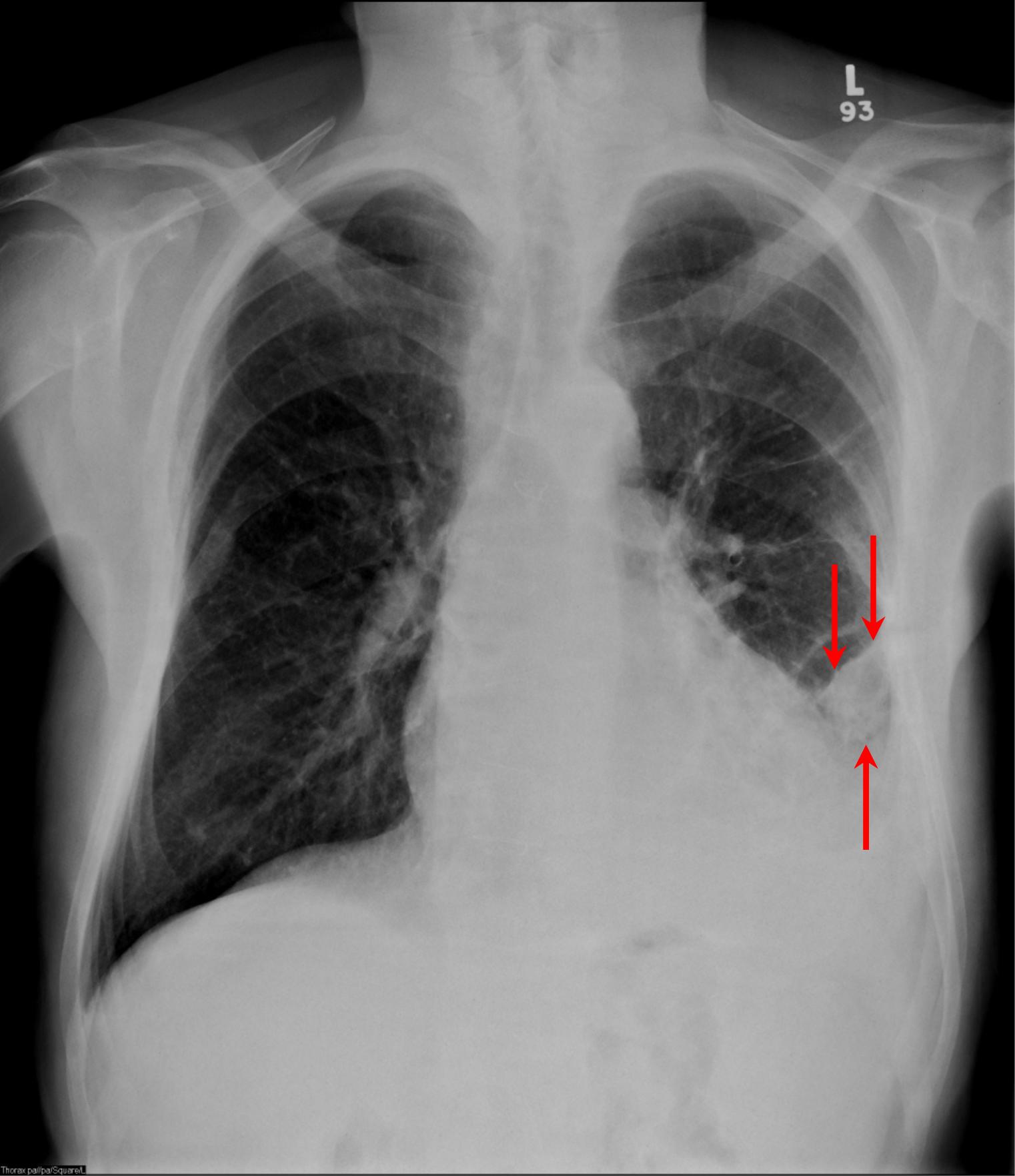
Cô hoaønh deït coù theå gaëp trong Hen, COPD, u hay Traøn dòch maøng phoåi löôïng nhieàu.

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Hình lieàm hôi döôùi hoaønh.

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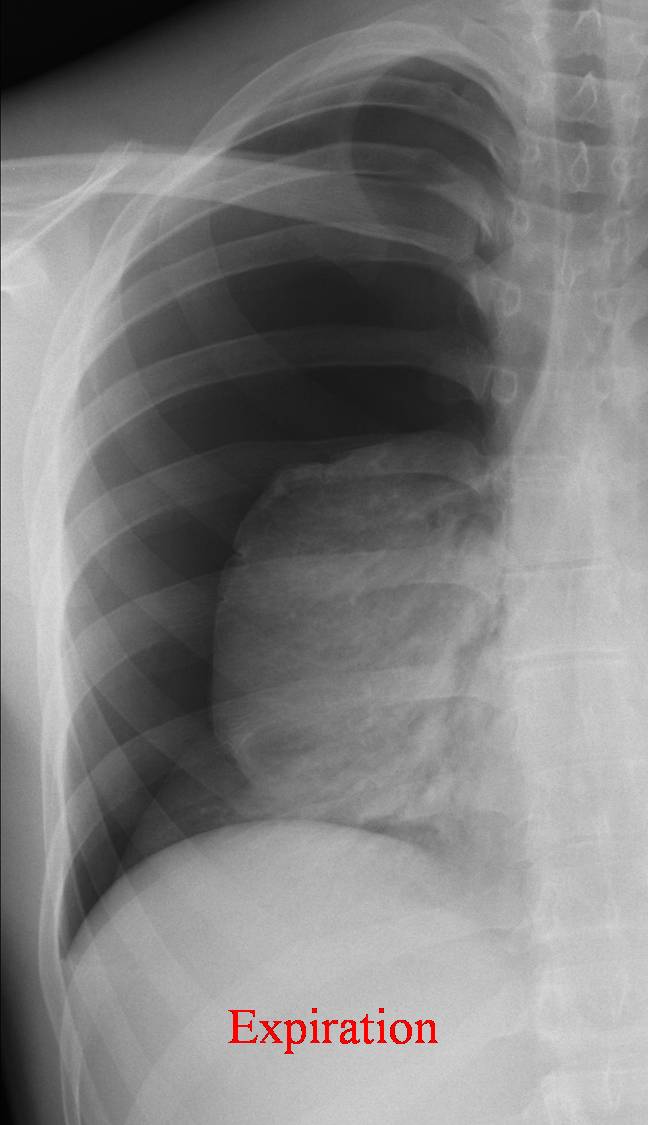
Môø goùc söôøn - hoaønh thöôøng gaëp trong Traøn dòch maøng phoåi hay daày maøng phoåi.

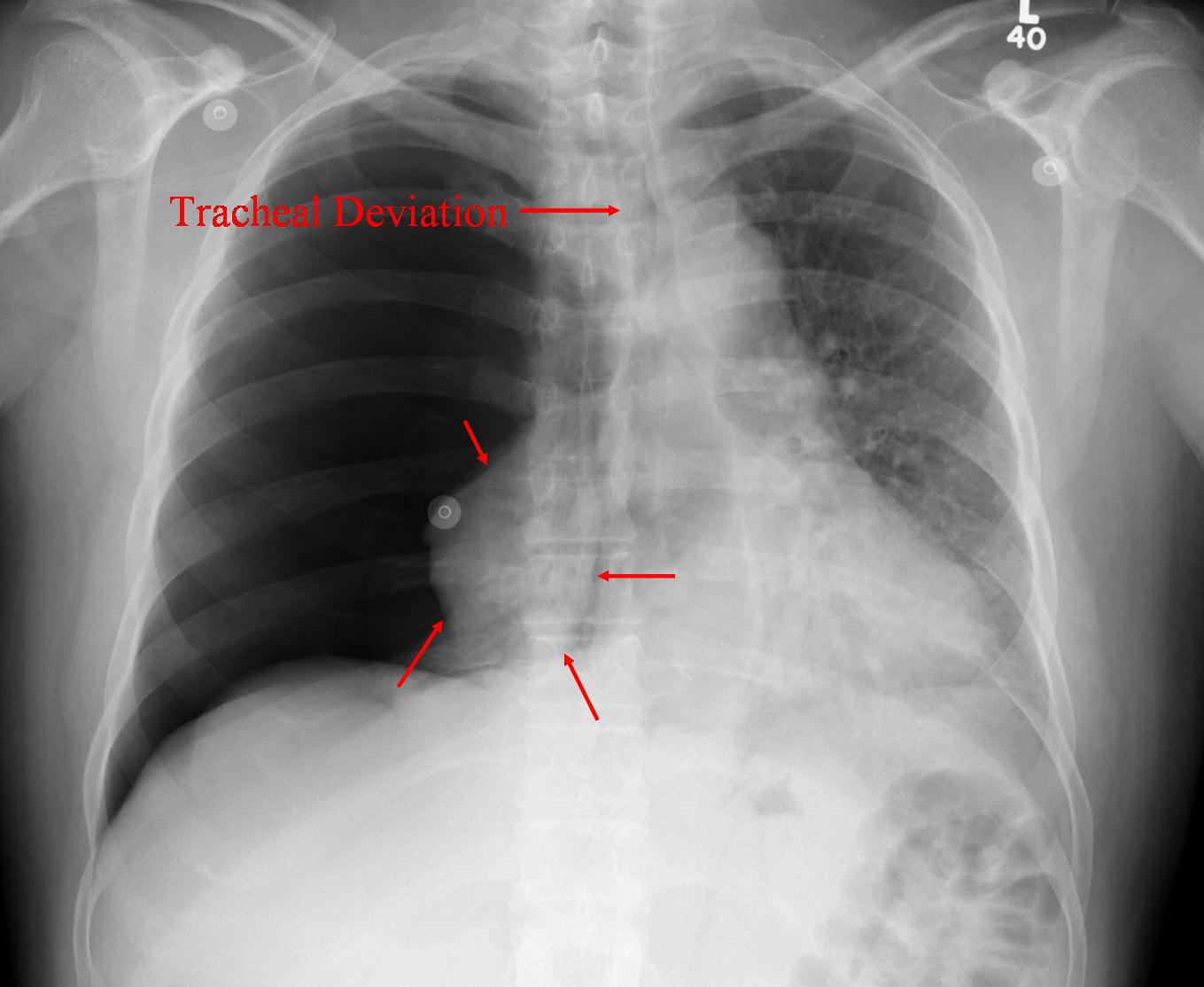
[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

Traøn dòch maøng phoåi khôûi ñaàu hình thaønh ôû phía sau. Khi tích tuï dòch tieán trieåu seõ phaùt trieån sang beân. Traøn dòch maøng phoåi löôïng lôùn coù theå ñaåy khí quaûn vaø trung thaát sang beân ñoái dieän vaø xeïp phaàn nhu moâ phoåi keá caän.

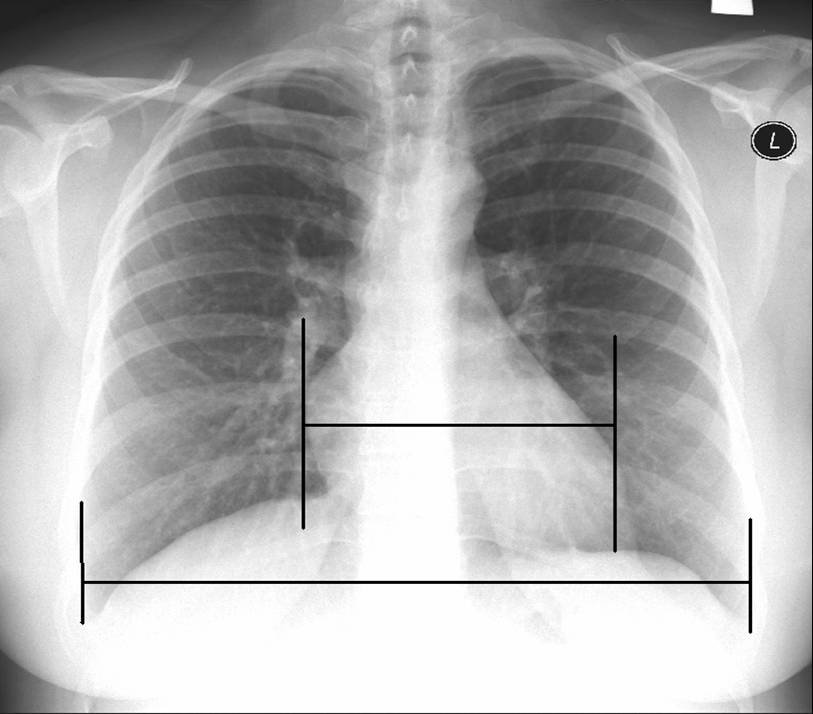
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Traøn khí maøng phoåi nhìn thaáy maøng phoåi taïng phaân caùch nhu moâ phoåi bò xeïp vôùi phaàn khí trong khoang maøng phoåi.

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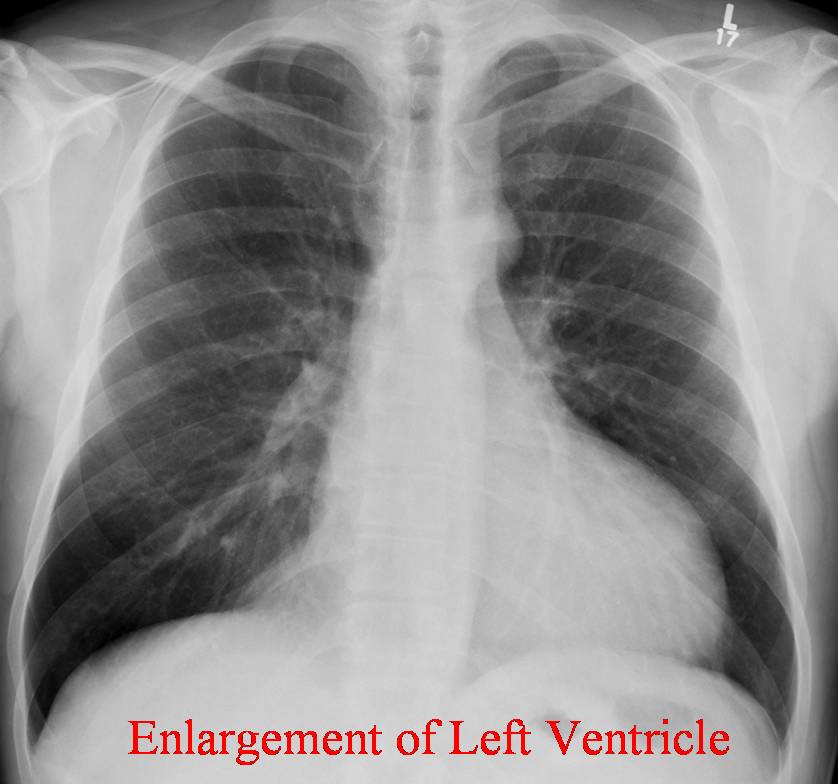
Traøn khí maøng phoåi aùp löïc coù theå ñaåy leäch trung thaát sang beân ñoái dieän.



Ôû ngöôøi tröôûng thaønh bình thöôøng tyû leä Tim/ Loàng ngöïc < 0,5. Tyû leä Tim/ Loàng ngöïc > 0,5 gaëp trong tim to (daày hay giaõn), Traøn dòch maøng tim, caùc theå tích phoåi nhoû hay pectus excavatum. Tuy nhieân, tyû leä naøy < 0,5 cuõng khoâng loaïi tröø tim to vì phoåi coù theå coù öù khí.

Caùc bieåu hieän cuûa nhó (P) lôùn coù theå laø a)-cung döôùi (P) lôùn vaø b)-Tónh maïch chuû treân lôùn.

Caùc bieåu hieän lôùn thaát (P): a)-moûm tim ngoùc treân cô hoaønh; b)-maát khoaûng saùng sau xöông öùc.

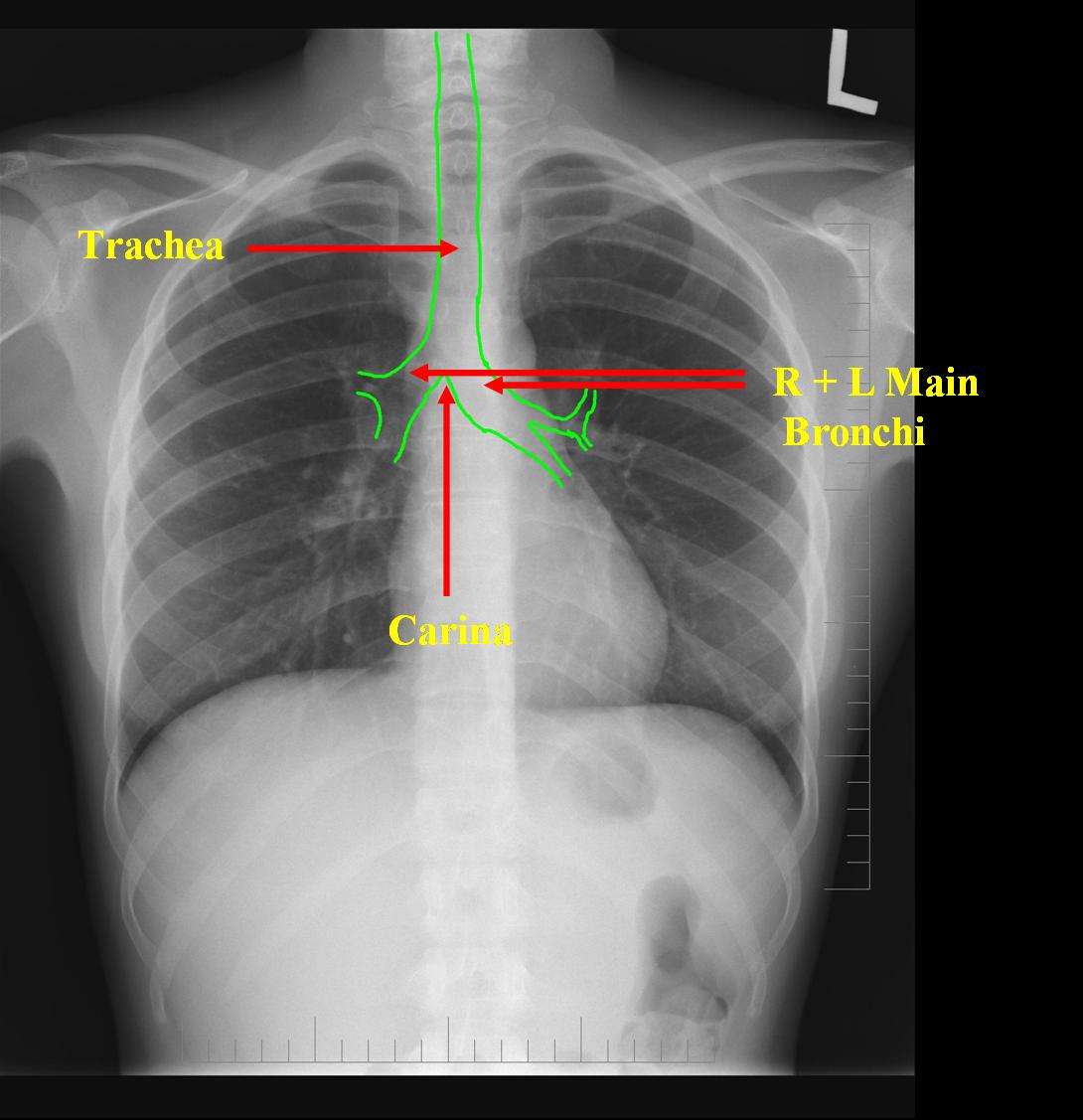
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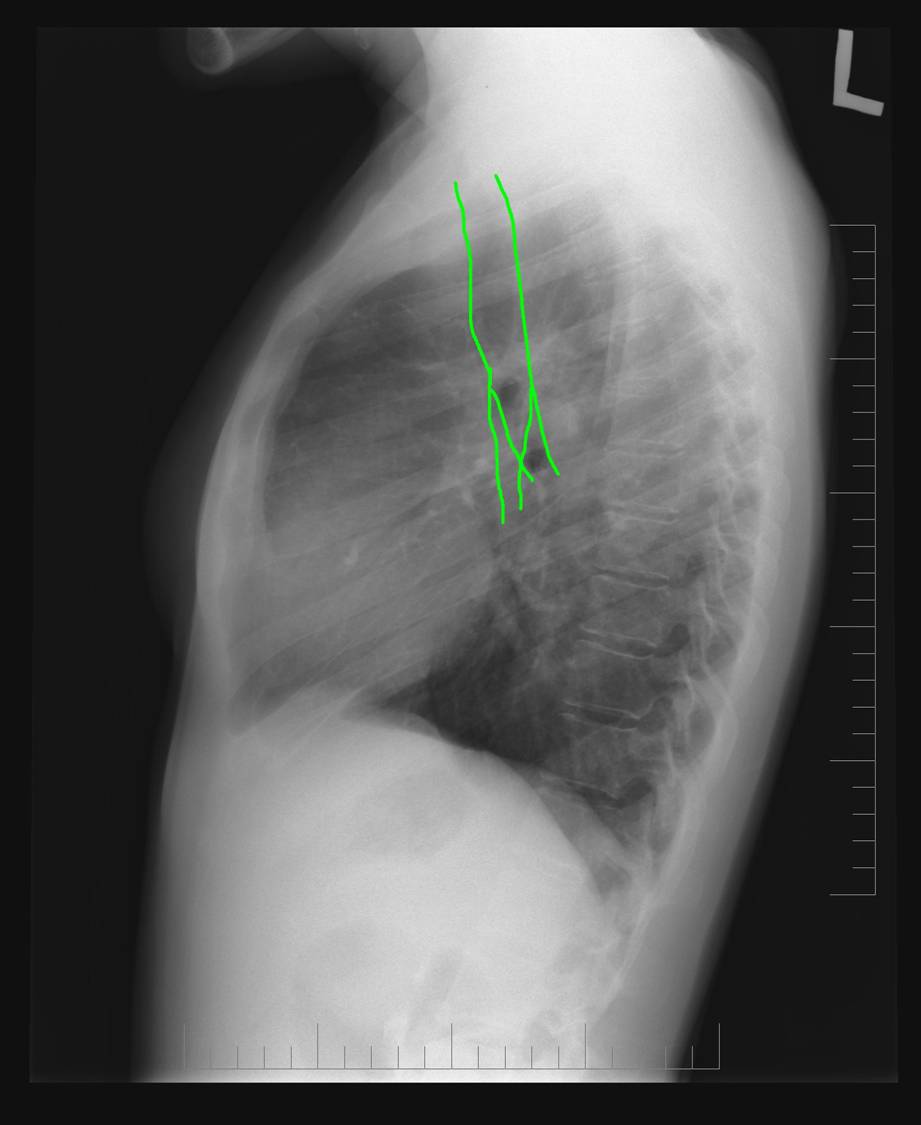
Caùc daáu hieäu cuûa lôùn thaát (T) coù theå goàm: a)-moûm tim leäch xuoáng döôùi vaø ra sau; b)-tim coù hình boot; c)-daáu hieäu Rigler (treân film nghieâng), töø choã noái cuûa tónh maïch chuû döôùi vaø tim ôû ngang möùc cô hoaønh, ño 1,8cm phía sau vaø 1,8cm phía treân. Neáu boùng tim lôùn hôn ñieåm naøy thì nghi coù lôùn thaát (T).

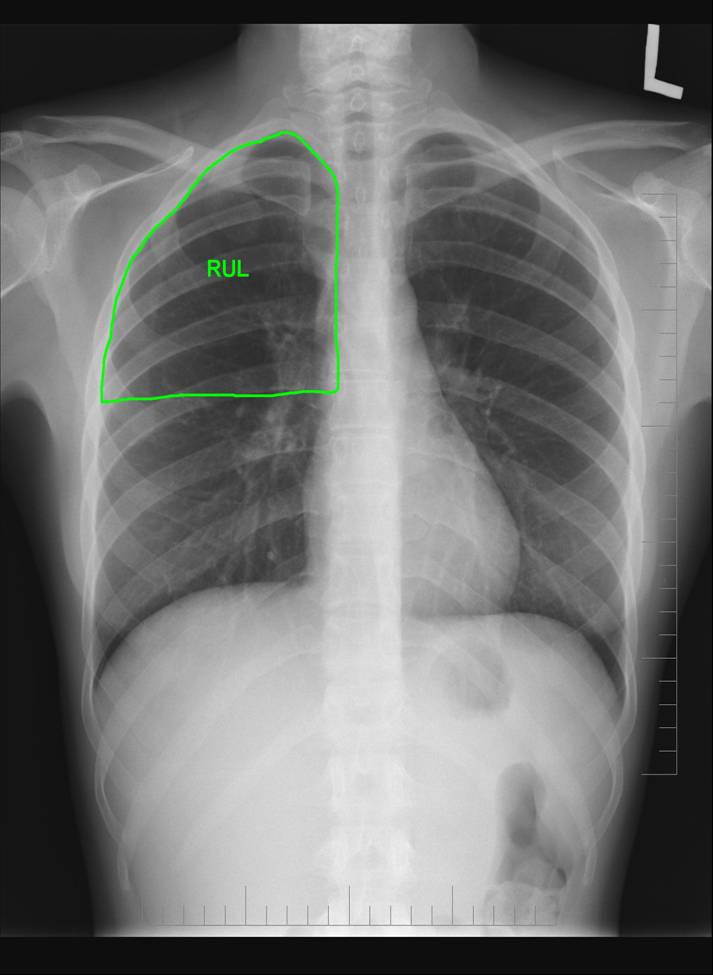
***VII-Daáu Silhouette:***

treân film Xquang ngöïc bình thöôøng, trung thaát vaø cô hoøanh thaáy ñöôïc do coù maät ñoä Xquang khaùc vôùi maät ñoä Xquang cuûa nhu moâ phoåi. Neáu coù xoùa giao dieän thöôøng laø keát quaû cuûa beänh lyù cuûa vuøng nhu moâ phoåi keá caän ( nhö ñoäng ñaëc, xeïp phoåi, u ...). Maát giao dieän giuùp ñònh vò vuøng phoåi toån thöông.

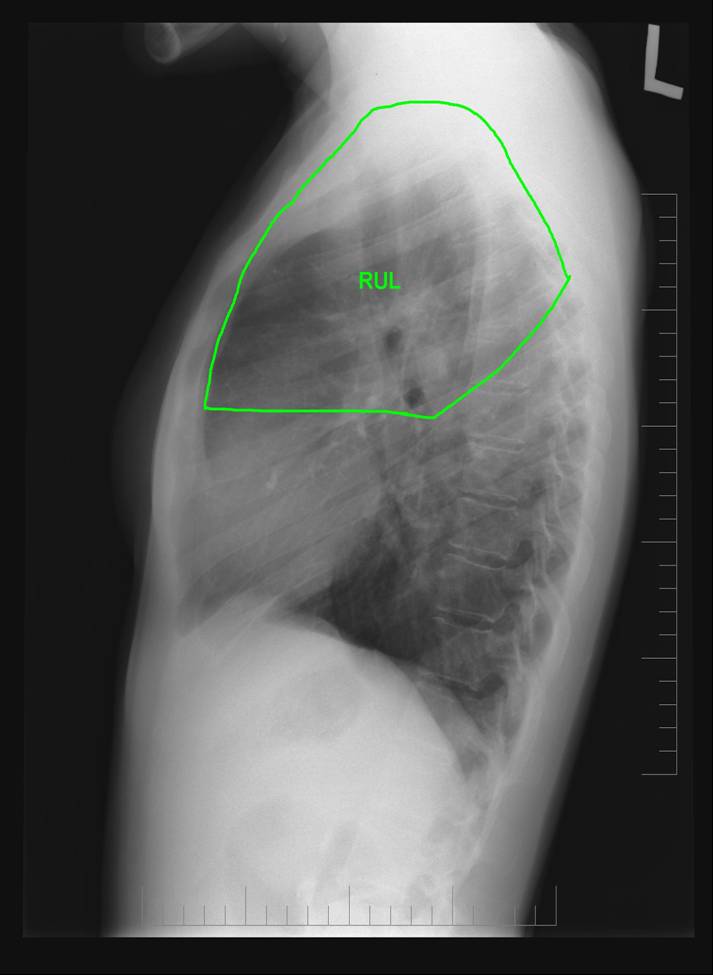
***VIII-Nhu moâ phoåi:***

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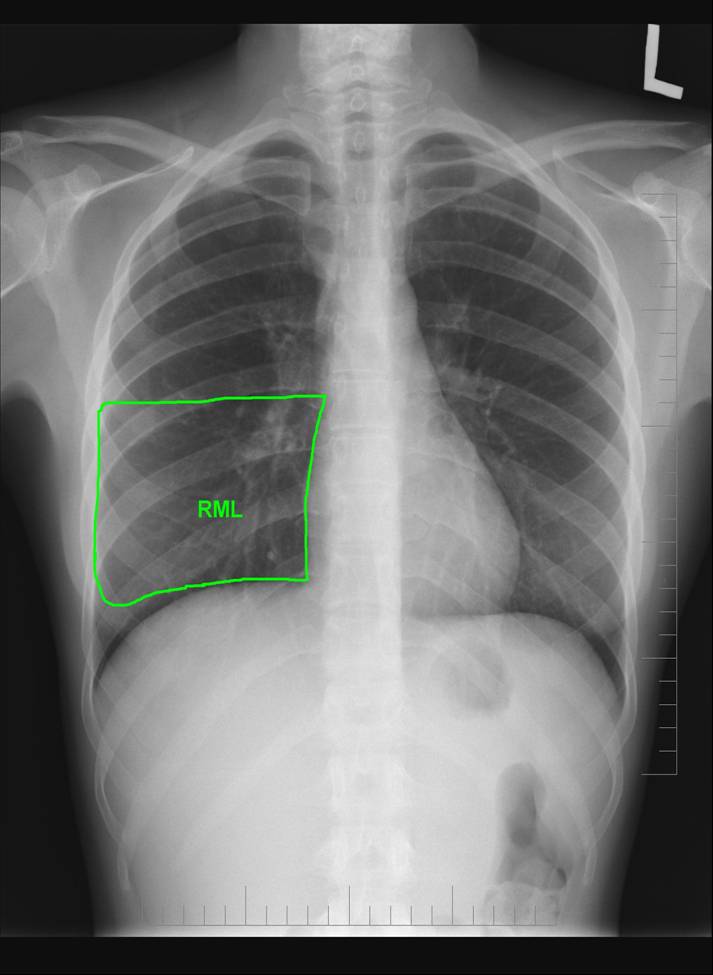
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[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

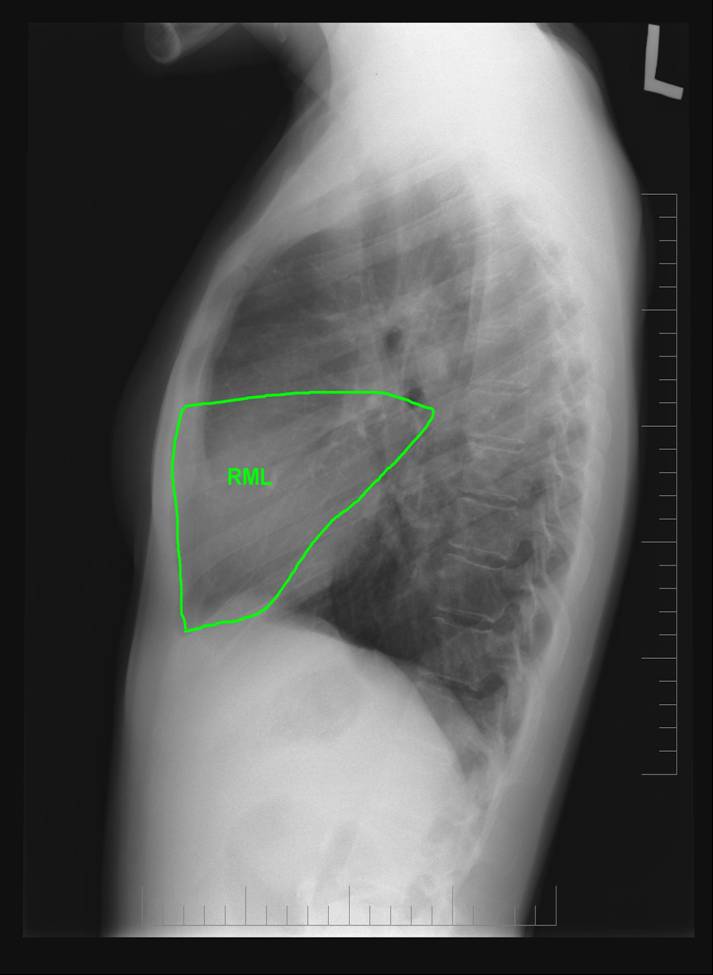
Thuøy treân (P).

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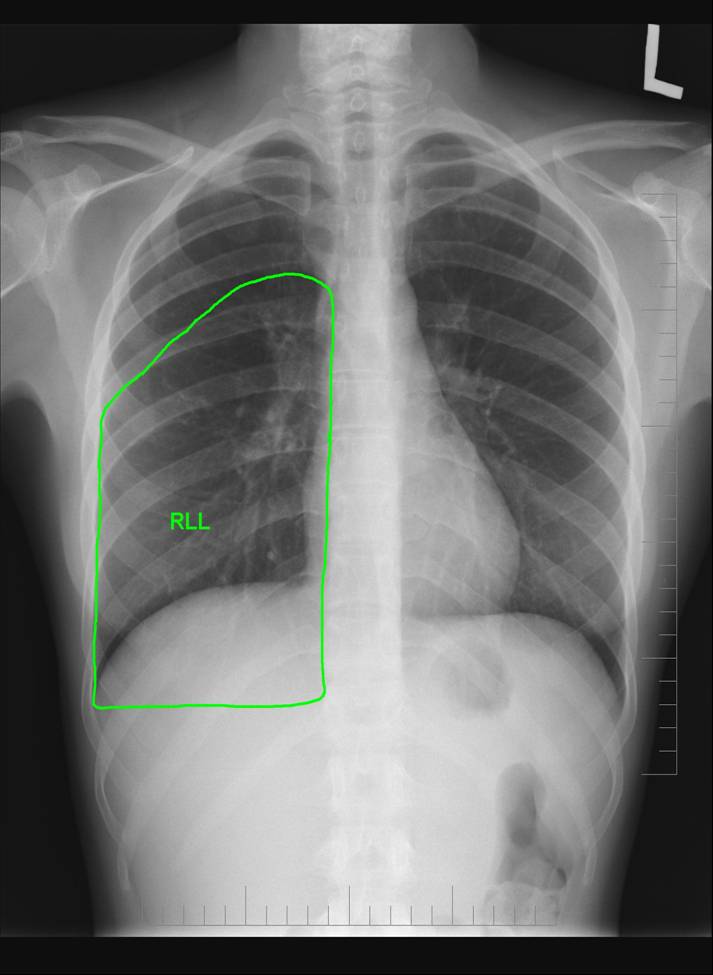
Thuøy treân (P).

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

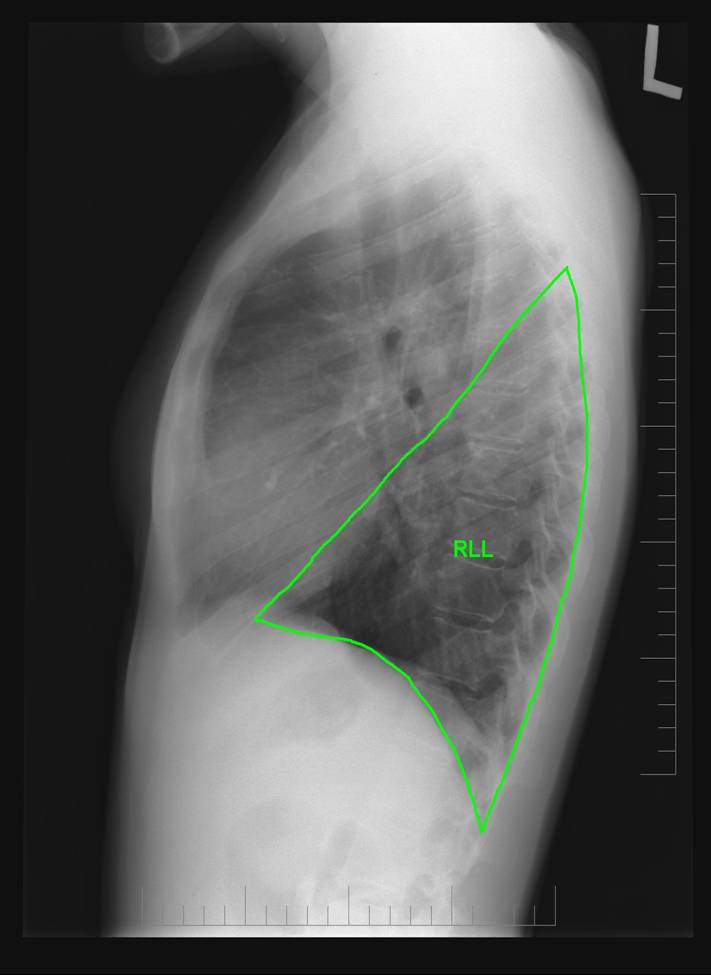
Thuøy giöõa (P).

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

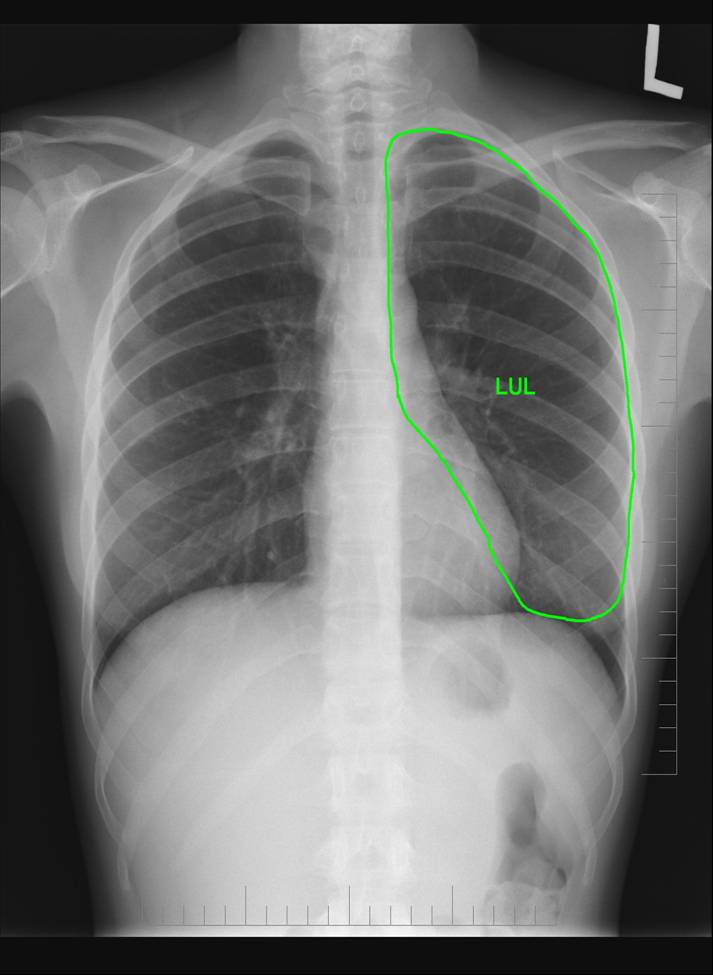
Thuøy giöõa (P).

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

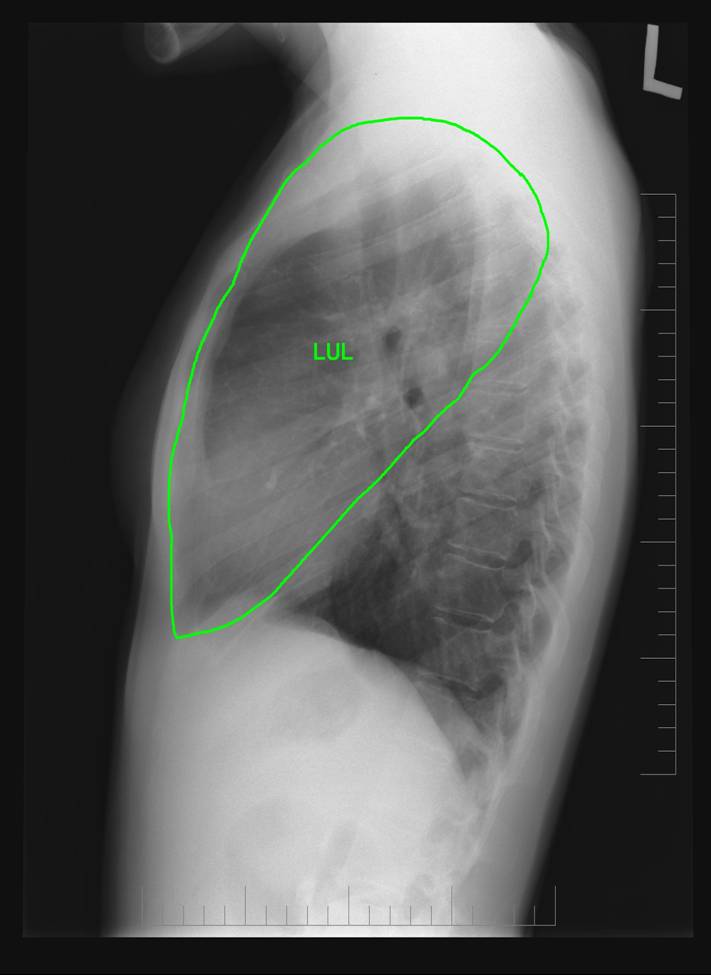
Thuøy döôùi (P).

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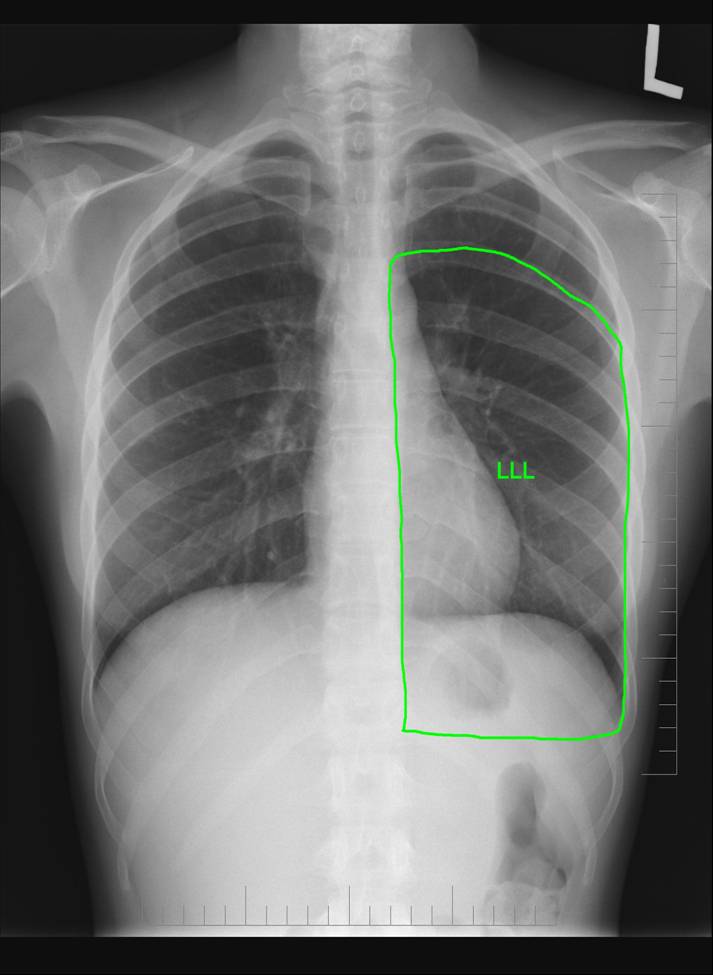
Thuøy döôùi (P).

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

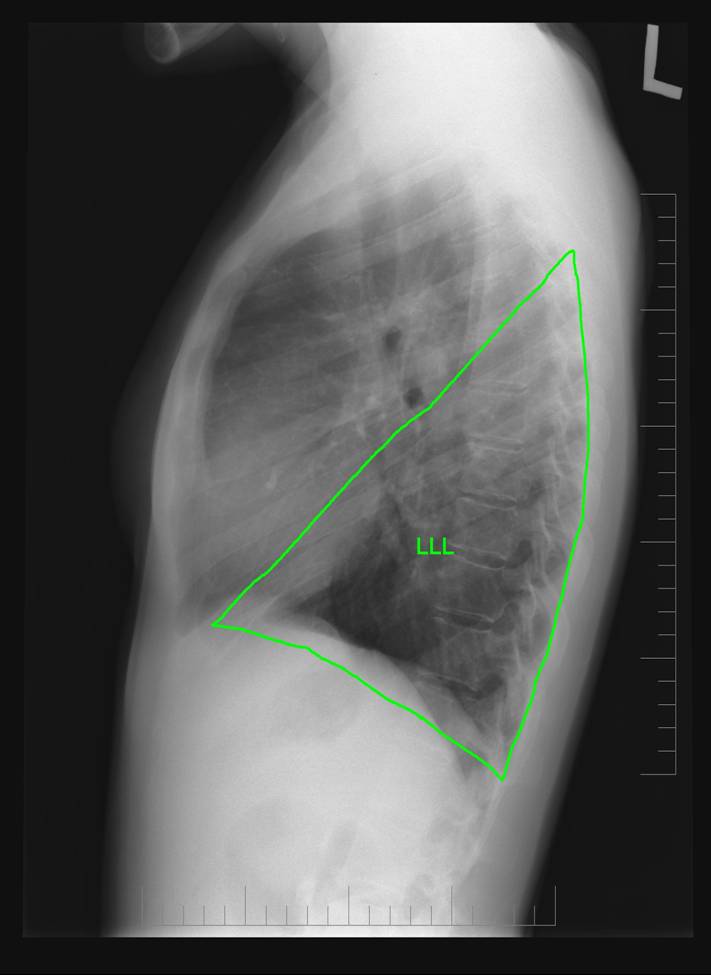
Thuøy treân (T).

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

Thuøy treân (T).

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

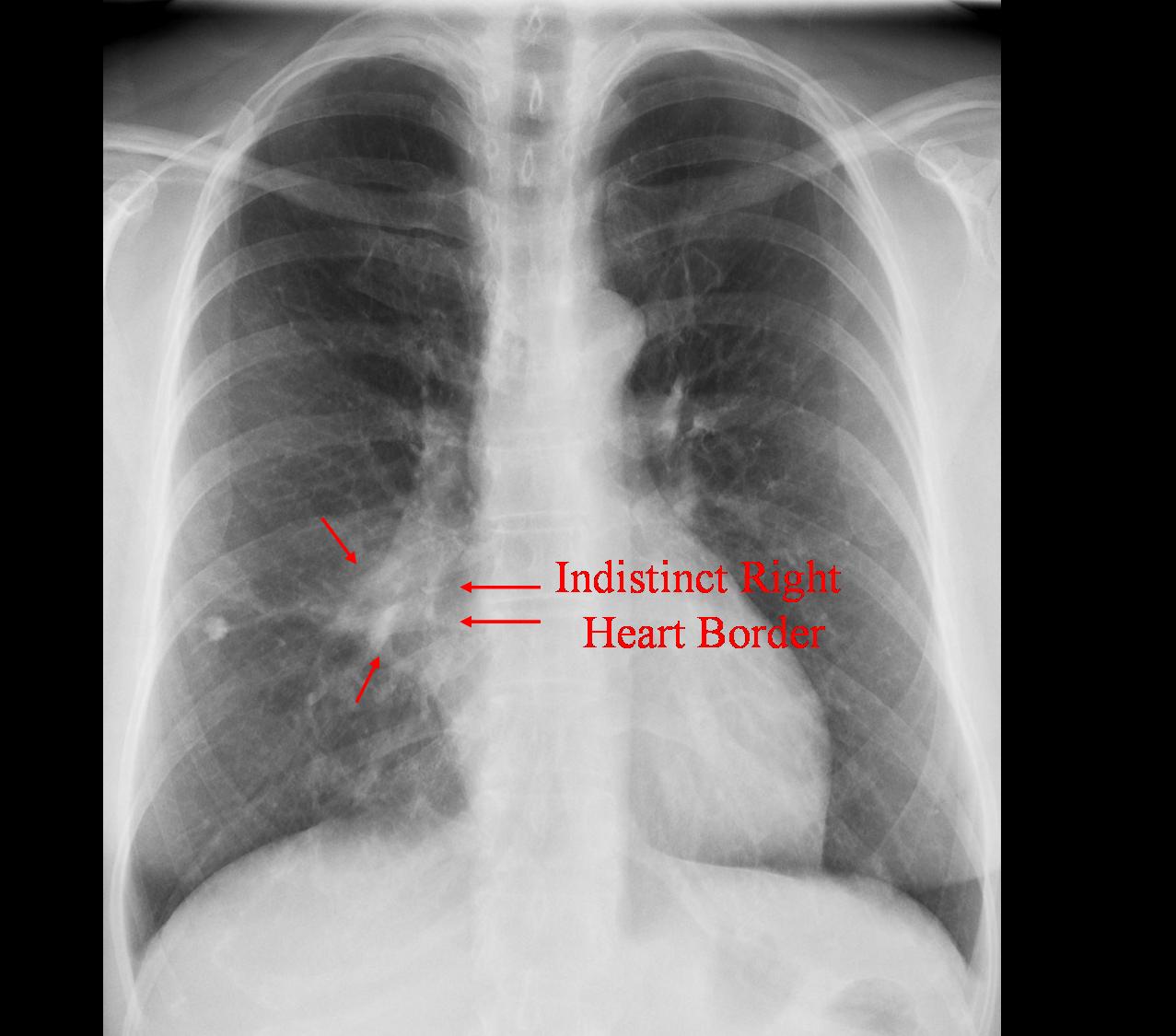
Thuøy döôùi (T).

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Thuøy döôùi (T).

Beänh lyù ôû thuøy treân phoåi (P) coù theå laøm maát giao dieän vôùi tónh maïch chuû treân vaø trung thaát treân (P).

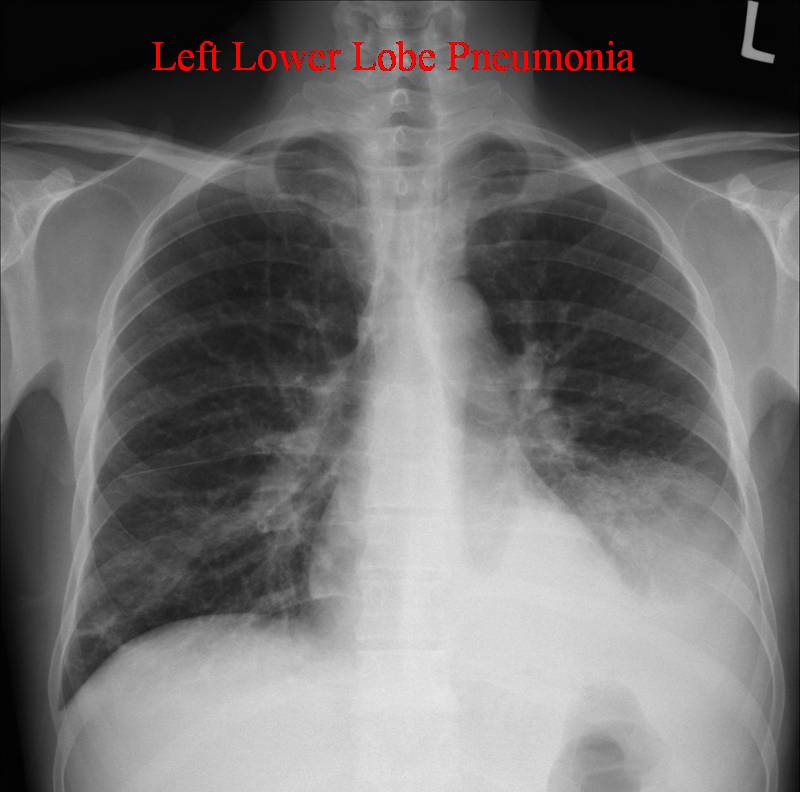
Toån thöông thuøy giöõa (P) coù theå laøm môø bôø döôùi tim (P).

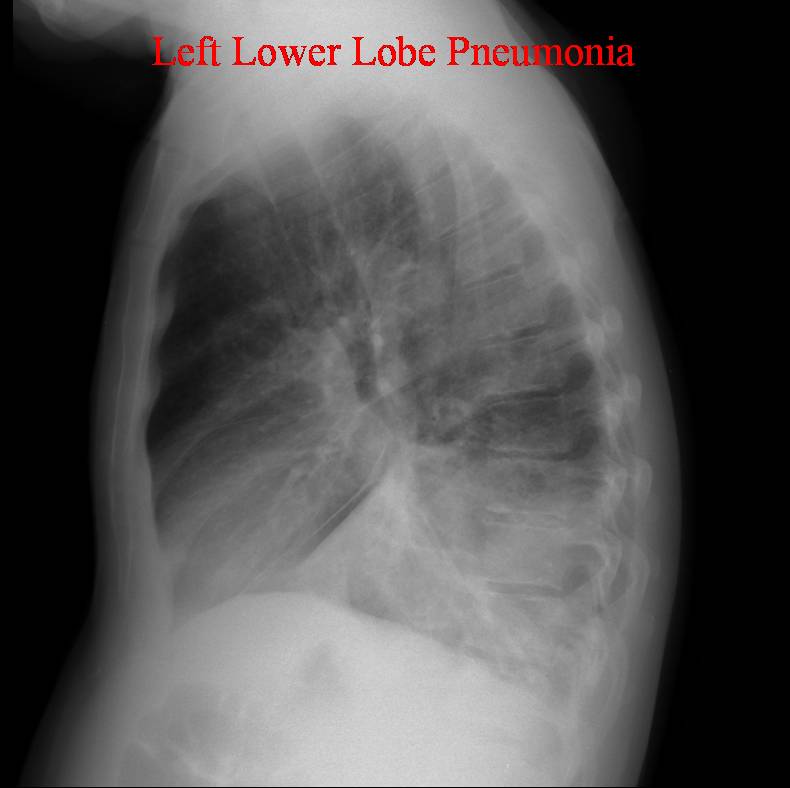


Toån thöông thuøy döôùi (P) laøm môø voøm hoaønh (P).

Toån thöông thuøy löôõi laøm môø bôø (T) tim.

Toån thöông thuøy döôùi (T) laøm môø voøm hoaønh (T).

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[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

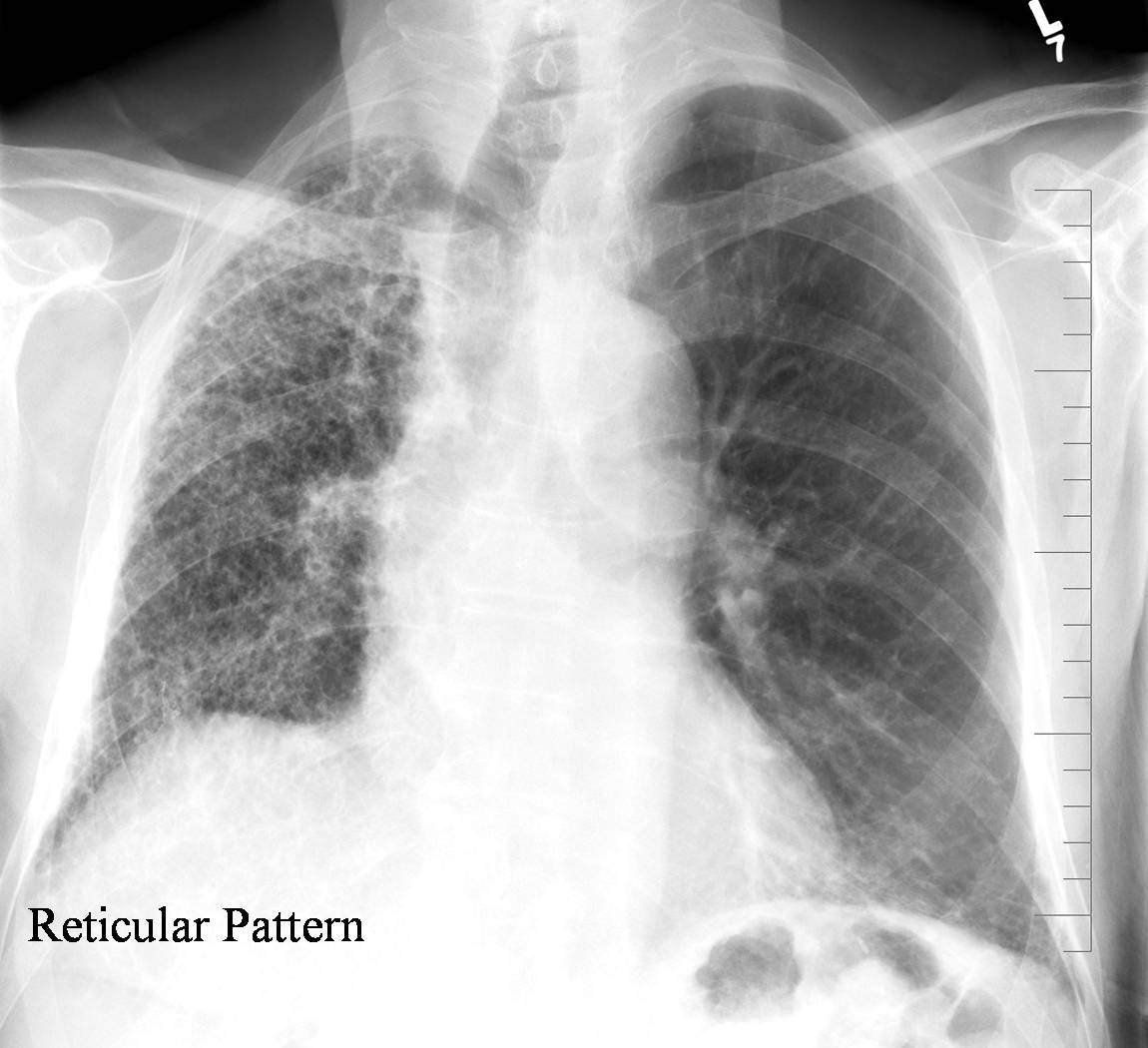
Toån thöông ñoâng ñaëc ñöôïc xem laø quaù trình beänh lyù aûnh höôûng chuû yeáu ôû pheá nang. Caùc chaån ñoaùn phaân bieät cuûa ñoâng ñaëc goàm: a)-muû (vieâm phoåi); b)-maùu (xuaát huyeát); c)-teá baøo (Ung thö phoåi hay lymphoma); d)-proteinosis pheá nang; e)-dòch (phuø phoåi).

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| * Ñöôøng daãn khí bình thöôøng khoâng thaáy ñöôïc treân film xquang vì laø caáu truùc chöùa khí bao quanh bôûi nhu moâ phoåi chöùa khí. Khi nhu moâ phoåi bò môø thì caùc pheá quaûn coù theå nhìn thaáy ñöôïc vaø ñöôïc coi laø moät daáu hieäu cuûa ñoâng ñaëc phoåi. |

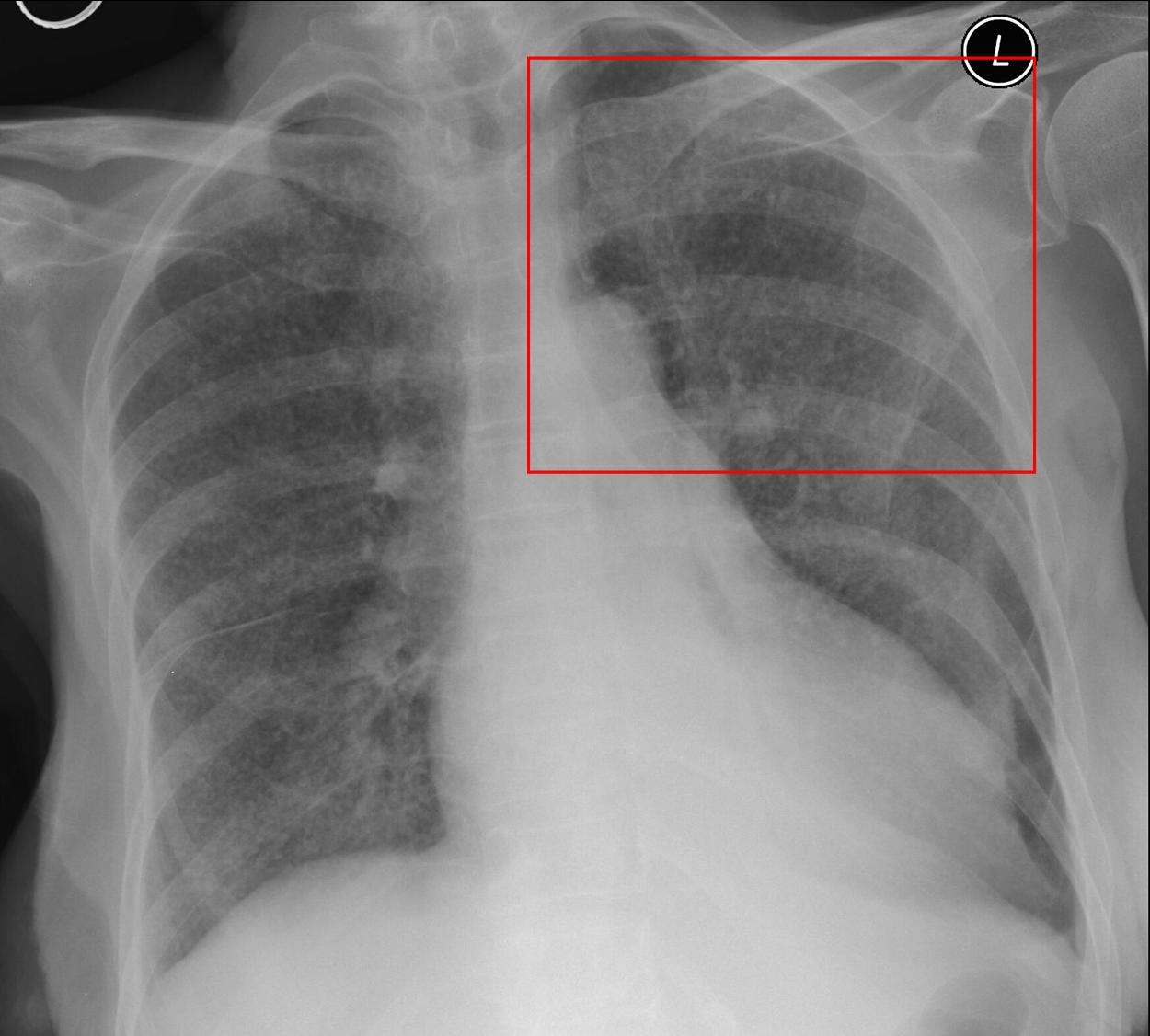
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Beänh phoåi moâ keõ laø 1 quaù trình beänh lyù lieân quan ñeán moâ lieân keát gian thuøy ( scaffolding cuûa phoåi). Caùc chaån ñoaùn phaân bieät goàm: phuøphoåi; beänh collagen; sarcoidosis; pneumoconiosis, di caên (qua ñöôøng baïch huyeát) vaø caùc tình traïng vieâm (vieâm phoåi sieâu vi/ moâ keõ).

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

Toån thöông kieåu löôùi: nhöõng daûi moûng roõ, kieåu maïng gioáng "toå ong".

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

Toån thöông daïng noát: caùc noát rieâng bieät coù ñöôøng kính < 5mm.

[](javascript:clickSwapImg(document%5b'fpAnimswapImgFP1'%5d))

Toån thöông kieåu löôùi - noát: phoái hôïp kieåu löôùi vaø kieåu noát.