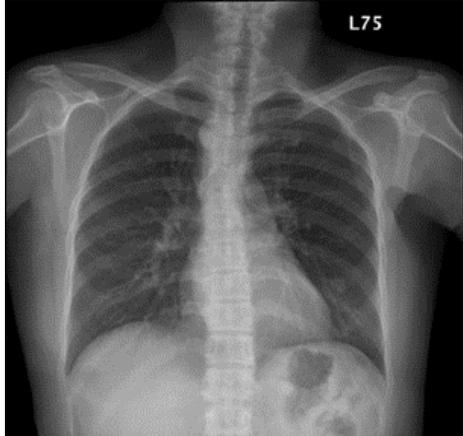
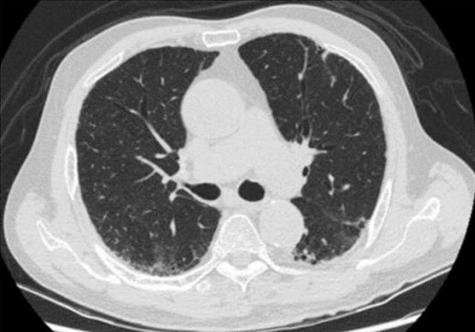
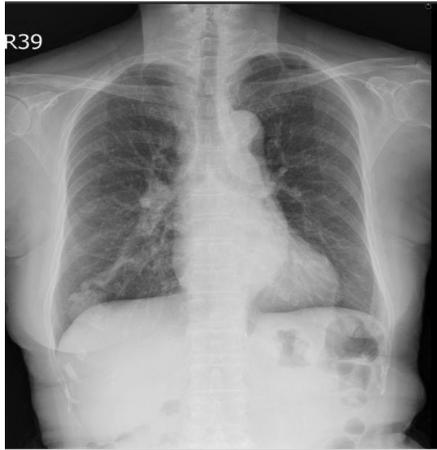
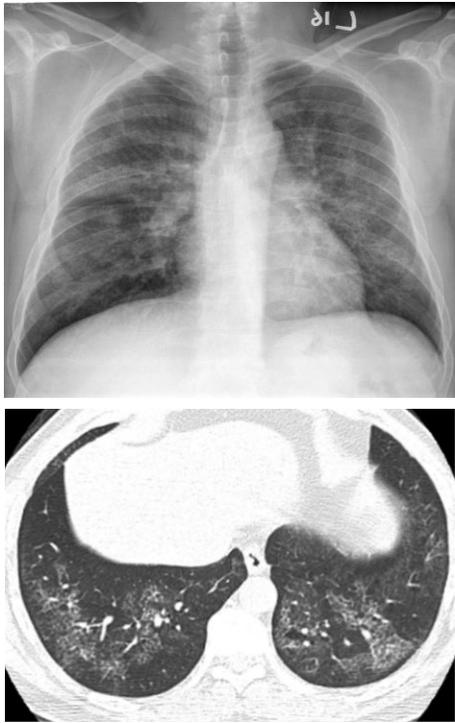


1 0 9 胸 腔 暨 重 症 專 科 醫 師 考 試 _ 影 像 學

題號	解答	影 像
1.	Right-sided aortic arch ANS: Right-sided aortic arch s/p Left mastectomy	 <p>A frontal chest X-ray showing a right-sided aortic arch. The aortic knob is located on the right side of the patient. There is a surgical scar on the left side of the patient's chest, consistent with a left mastectomy. The label 'L75' is visible in the upper right corner of the image.</p>
2.	Histiocytosis X	 <p>Two images showing findings consistent with Histiocytosis X. The top image is a frontal chest X-ray showing bilateral perihilar opacities and a normal-sized heart. The label 'L37' is visible in the upper right corner. The bottom image is an axial CT scan of the chest showing bilateral perihilar opacities and a normal-sized heart.</p>

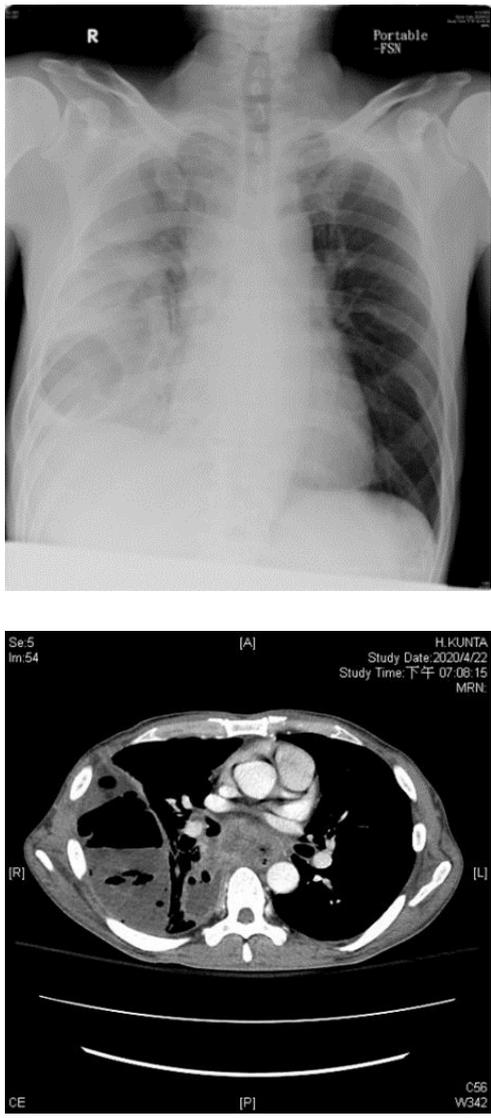
		
<p>3. UIP</p> <ol style="list-style-type: none"> 1. Subpleural reticulation, bilateral, lower lobe predominance. 2. Traction bronchiectasis and bronchiolectasis 3. Honeycombing formation at bilateral basal lower lobes <p>→The pattern is consistent with usual interstitial pneumonitis(UIP)pattern</p>	  	

		
4.	<p>AVM AV malformation (AVM) over RML</p>	
5.	<p>Pulmonary alveolar proteinosis Crazy-paving pattern→ consistent with pulmonary alveolar proteinosis (PAP)</p>	<p>CC : productive cough for 6 months</p> 

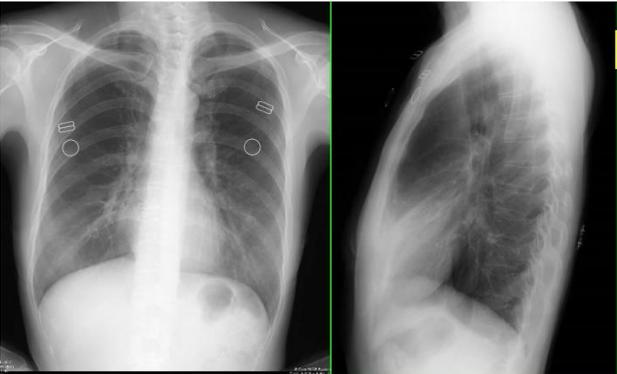
		
6.	<p>prostate cancer with bone metastasis</p>	<p>CC: chronic cough for 4 months</p> 
7.	<p>pulmonary TB and paraspinal abscess</p>	<p>CC: cough for one year and back pain</p> 
8.	<p>diaphragm hernia</p>	<p>右胸痛 3 個月</p>

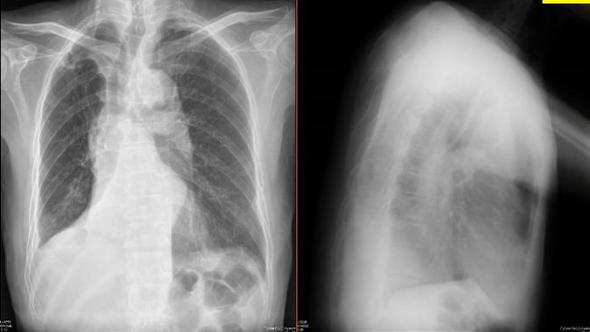
9.	s/p Rt MRM and breast augmentation	<p>CC: 咳嗽 4 周，有痰</p>
10.	colon bypass	<p>CC: 咳嗽 1 周，有痰</p>

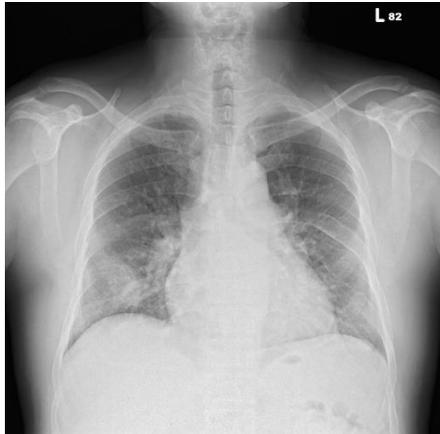
		 <p>AP view of the chest. The lungs are clear, and the heart size is within normal limits. The diaphragm is well-defined. There is no evidence of pleural effusion or pneumothorax.</p>
11.	<p>Findings: right pneumothorax with deep sulcus sign, sharpness of right diaphragm, catheter insertion.</p> <p>Diagnosis: right pneumothorax.</p>	 <p>AP view of the chest. A right pneumothorax is visible, characterized by a deep sulcus sign and a sharp, well-defined right hemidiaphragm. A catheter is seen inserted into the right chest wall.</p>
12.	<p>Findings: bilateral pleural effusion, multiple cavitary lung lesions (pneumatocele)</p> <p>Diagnosis: infectious endocarditis with septic lung (pneumatocoles), staphylococcus aureus sepsis, empyema.</p>	 <p>AP view of the chest. There is bilateral pleural effusion and multiple cavitary lung lesions (pneumatocoles) visible in both lung fields. The heart size is normal.</p>
13.	<p>Dx: esophageal cancer with esophageo-bronchial/pleura fistula and right empyema</p>	<p>47 y/o male; CC: intermittent fever for 2 weeks</p>

	 <p>The top image is a portable frontal chest X-ray showing the thoracic cavity with a 'R' marker on the right side and 'Portable -FSN' text. The bottom image is an axial CT scan of the chest at the level of the main bronchi, showing bronchial wall thickening and some peribronchovascular thickening. Technical details include 'Se:5', 'Im:54', 'H.KUNTA', 'Study Date:2020/4/22', 'Study Time:下午 07:08:15', 'MRN', '[A]', '[R]', '[L]', '[P]', 'CE', 'C56', and 'W342'.</p>
<p>14. Diffuse bronchiectasis, esp the RLL & LLL</p>	<p>69 years female, recurrent purulent sputum</p>  <p>The image is a frontal chest X-ray showing bilateral, diffuse bronchiectasis, particularly in the lower lung zones. A 'R' marker is visible in the upper left corner.</p>
<p>15. Diagnosis: Pulmonary, lymphangioliomyomatosis</p>	<p>39y/o Female, progressive dyspnea and chest tightness for several days</p>

<p>s(LAM)</p>	
<p>16. Diffuse Panbronchiolitis(DPB)</p>	
<p>17. LUL collapse</p>	<p>50 y/o Female, Progressive dyspnea and cough for months.</p>

		<p>R-Standing</p>  A frontal chest X-ray showing the thoracic cavity. The lungs are clear, and the heart and mediastinum are within normal limits. The text "R-Standing" is visible in the upper left corner of the image.
18.	Cervical rib, right; LLL nodule	<p>Age 50, woman, cough</p>  A frontal chest X-ray. A yellow vertical line is drawn on the right side of the image, highlighting a small, sharp, hook-like bony projection (cervical rib) at the level of the C7 vertebra. A small white circle is drawn on the left lung field, indicating a small nodule.
19.	Right middle lobe collapse	<p>Age 50, woman, cough with blood-tinged sputum</p>  Two chest X-rays are shown side-by-side. The left image is a frontal view with two white circles drawn on the right lung field, one in the middle lobe area and one in the lower lung field. The right image is a lateral view showing a wedge-shaped opacity in the anterior (middle) lobe region, consistent with lobe collapse. A yellow vertical line is on the right side of the lateral view.

<p>20. Right lower lobe collapse</p>	<p>Age 77, man, cough with blood-tinged sputum Findin</p> 
<p>21. Fork rib, right 5th</p>	<p>Age 37, woman, incidental finding</p> 
<p>22. Free air noted in neck, paratracheal space, mediastinum, and subdiaphragm area</p>	
<p>23. CHF with pulmonary edema s/p IABP</p>	<p>49 y/o male, acute onset of shortness of breath</p> 
<p>24. Pulmonary embolism with</p>	<p>60 y/o male, acute onset of shortness of breath and general weakness</p>

	<p>multiple infarction</p>  <p>A frontal chest X-ray showing multiple wedge-shaped opacities in the lung fields, consistent with pulmonary infarctions. The opacities are distributed in a peripheral and subpleural pattern. A small 'L 49' marker is visible in the upper right corner of the image.</p>
<p>25. Multiple myeloma with rib metastasis and plasmacytoma</p>	<p>48 Y/O male, left hip fracture</p>  <p>A frontal chest X-ray showing multiple lytic lesions in the ribs and a plasmacytoma in the spine, characteristic of multiple myeloma. The lesions are well-defined and punched-out in appearance. A small 'L 82' marker is visible in the upper right corner of the image.</p>
<p>26. Hepatoma s/p TACE</p>	 <p>A frontal chest X-ray showing a large, well-defined mass in the right lung field, likely representing a hepatoma metastasis. The mass is located in the lower lung zone and has a relatively homogeneous appearance. A small '08' marker is visible in the upper right corner of the image.</p>

27.	diffuse, soft miliary lesions	 A frontal chest X-ray showing diffuse, soft miliary lesions throughout both lung fields. The lesions are small, well-defined nodules distributed evenly across the lung parenchyma. A small 'L' marker is visible in the upper right corner of the image.
28.	tracheal stenosis; LUL fibronodular infiltrates	 A frontal chest X-ray showing tracheal stenosis and LUL fibronodular infiltrates. The trachea is significantly narrowed, and there are fibronodular infiltrates in the left upper lung zone. A small 'L71' marker is visible in the upper right corner of the image.
29.	RUL fibronodular infiltrates	 A frontal chest X-ray showing RUL fibronodular infiltrates. There are fibronodular infiltrates in the right upper lung zone. A small 'L15' marker is visible in the upper right corner of the image.

<p>30. cavitary lesion with ball in hole</p>	
<p>31. foreign body over Rt hilum</p>	<p>咳嗽 3 週</p> 
<p>32. Pneumoconiosis</p>	
<p>33. RML & RLL bronchiectasis with tree-in-buds pattern</p>	

