



# *Anatomy Team*

## *430*

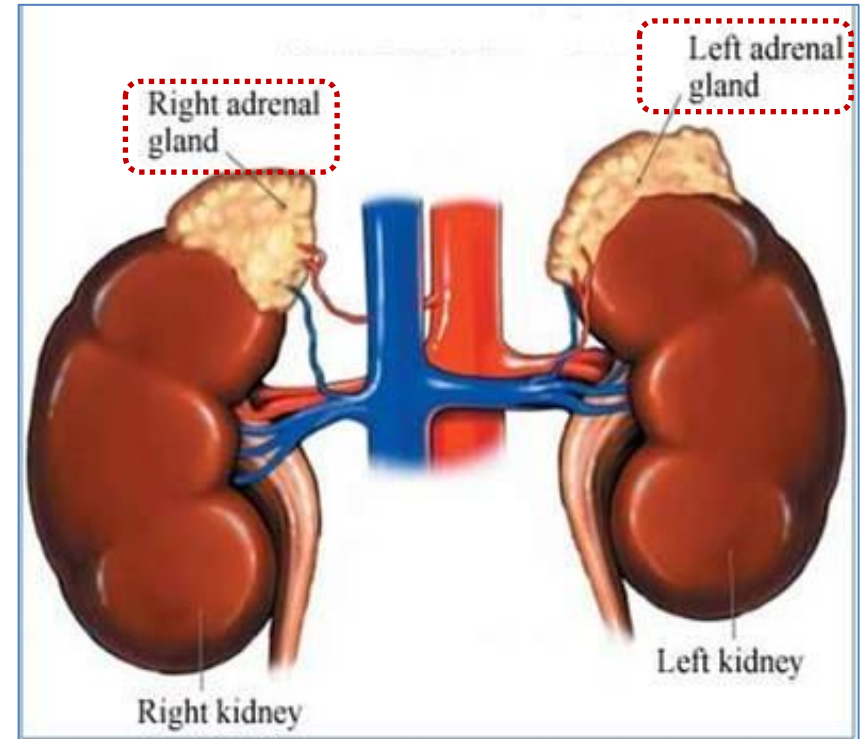
*\*Done By;..*  
*Sara ALShehri*

# α Anatomy of Adrenal Gland α

\*The two suprarenal glands are yellowish retroperitoneal organs that lie on the upper poles of the kidneys, just above the level of T12.

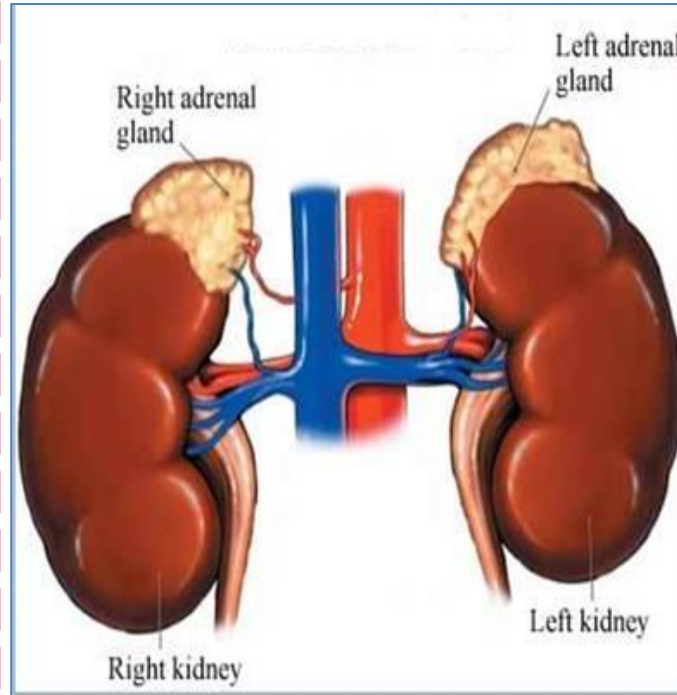
\*They are surrounded by renal fascia (but are separated from the kidneys by the perirenal fat).

\*Each gland has an outer cortex and an inner medulla.



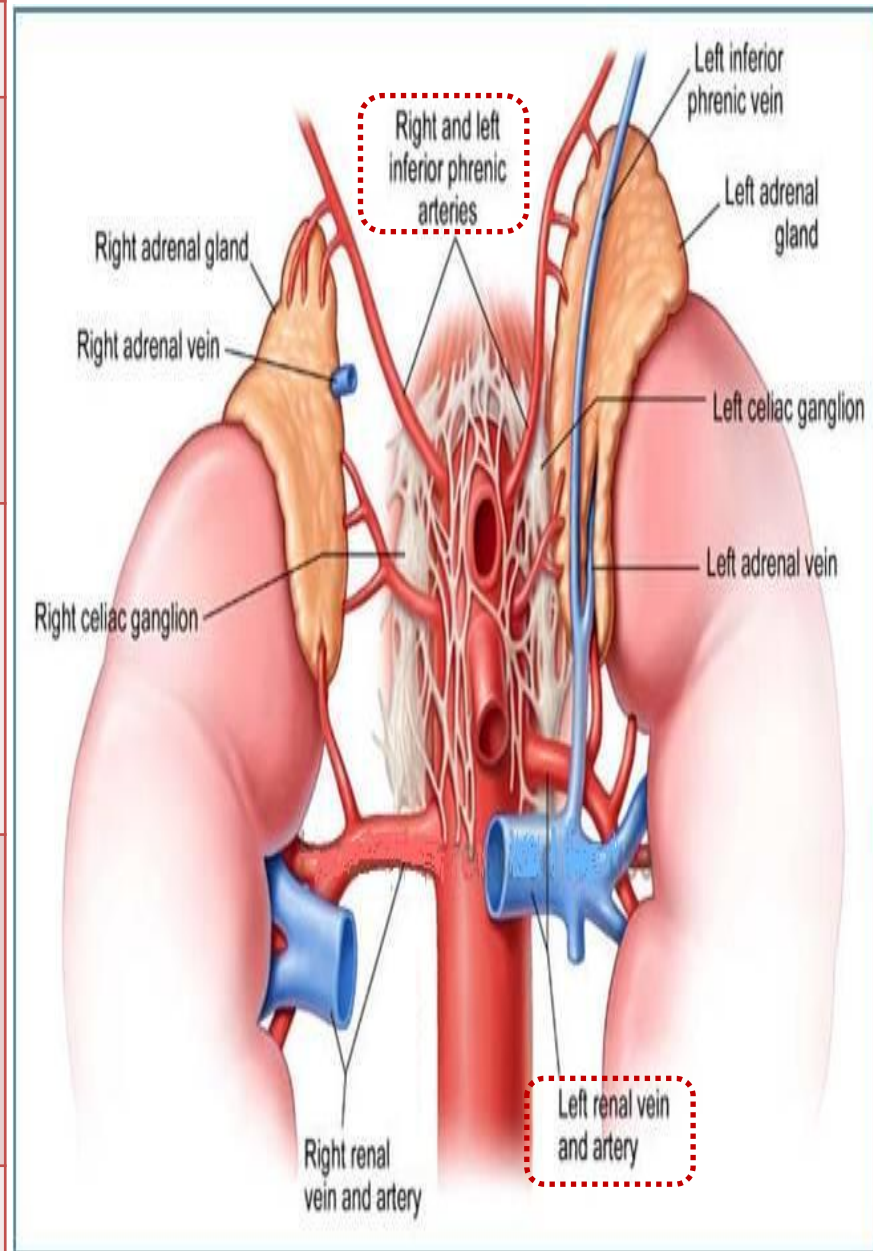
# α Relation of Adrenal Gland α

- The right gland is pyramid shaped and caps the upper pole of the right kidney.
- Relations:
- Anterior:
  1. Right lobe of the liver.
  2. Inferior vena cava.
- Posterior:  
Diaphragm.
- It drains into the Inferior vena cava



- The left gland is crescentic in shape and extends along the medial border of the left kidney from the upper pole to the hilus.
- Relations:
- Anterior:
  1. Pancreas
  2. Lesser sac
  3. Stomach
- Posterior:  
Diaphragm.
- it drains into the Renal vein

	<h2>Adrenal gland</h2>
<b>Arteries</b>	<p>Each gland receives branches from <b>three main arteries</b>:</p> <ul style="list-style-type: none"> <li>➤ <u>Inferior phrenic(superior suprarenal artery)</u></li> <li>➤ <u>Aorta(middle suprarenal artery)</u></li> <li>➤ <u>Renal artery(inferior suprarenal artery)</u>.</li> </ul>
<b>Veins</b>	<p>A <b>single vein</b> emerges from the hilum of each gland and drains into the <u><b>Inferior vena cava on the right adrenal gland &amp; Renal vein on the left adrenal gland.</b></u>***</p>
<b>Nerve Supply</b>	<p><b>Preganglionic sympathetic</b> fibers derived from the <u>splanchnic nerves</u>. Most of the nerves <u>end in the medulla</u> of the gland.</p>
<b>Lymph Drainage</b>	<p>The lymph drains into the <u>lateral aortic nodes</u>.</p>





# Right Vs. Left Adrenal Glands

	Right	Left
<b>Shape</b>	Pyramid Shaped	Crescent Shape
<b>Position</b>	Upper Pole of the Right Kidney	Extends along the Medial Border of the Left Kidney from the Upper Pole to the Hilus.
<b>Anterior Relations</b>	<ul style="list-style-type: none"><li>• Right Lobe of the Liver.</li><li>• Inferior Vena Cava.</li></ul>	<ul style="list-style-type: none"><li>• Pancreas</li><li>• Lesser sac</li><li>• Stomach</li></ul>
<b>Venous Drainage</b>	Inferior Vena Cava	Renal Vein

