

Sonosemiología Cardíaca

Academia POCUS CR



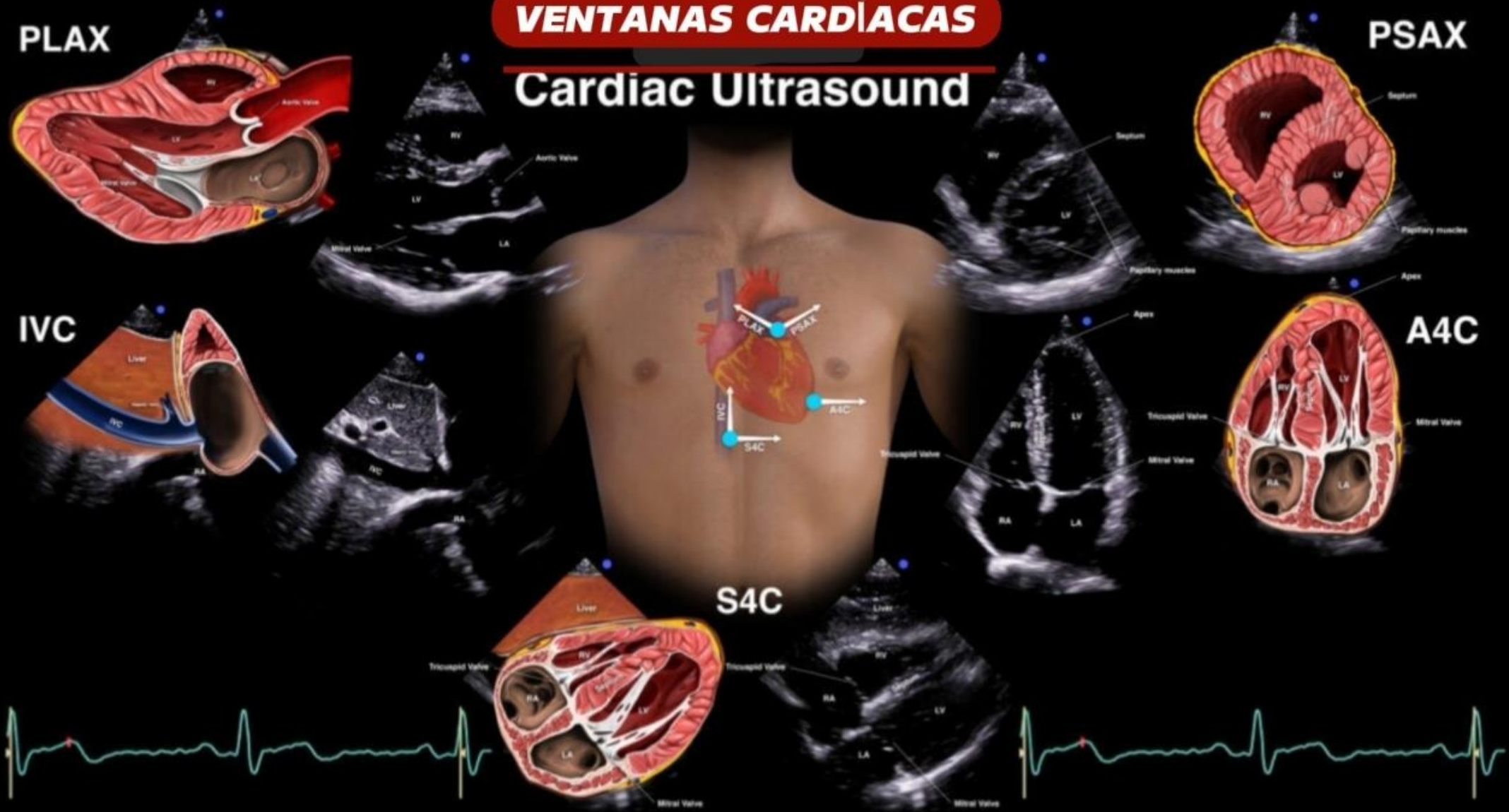
DR JOSHUA GRANADOS

ESPECIALISTA MEDICINA INTERNA

Sonosemiologia Cardíaca

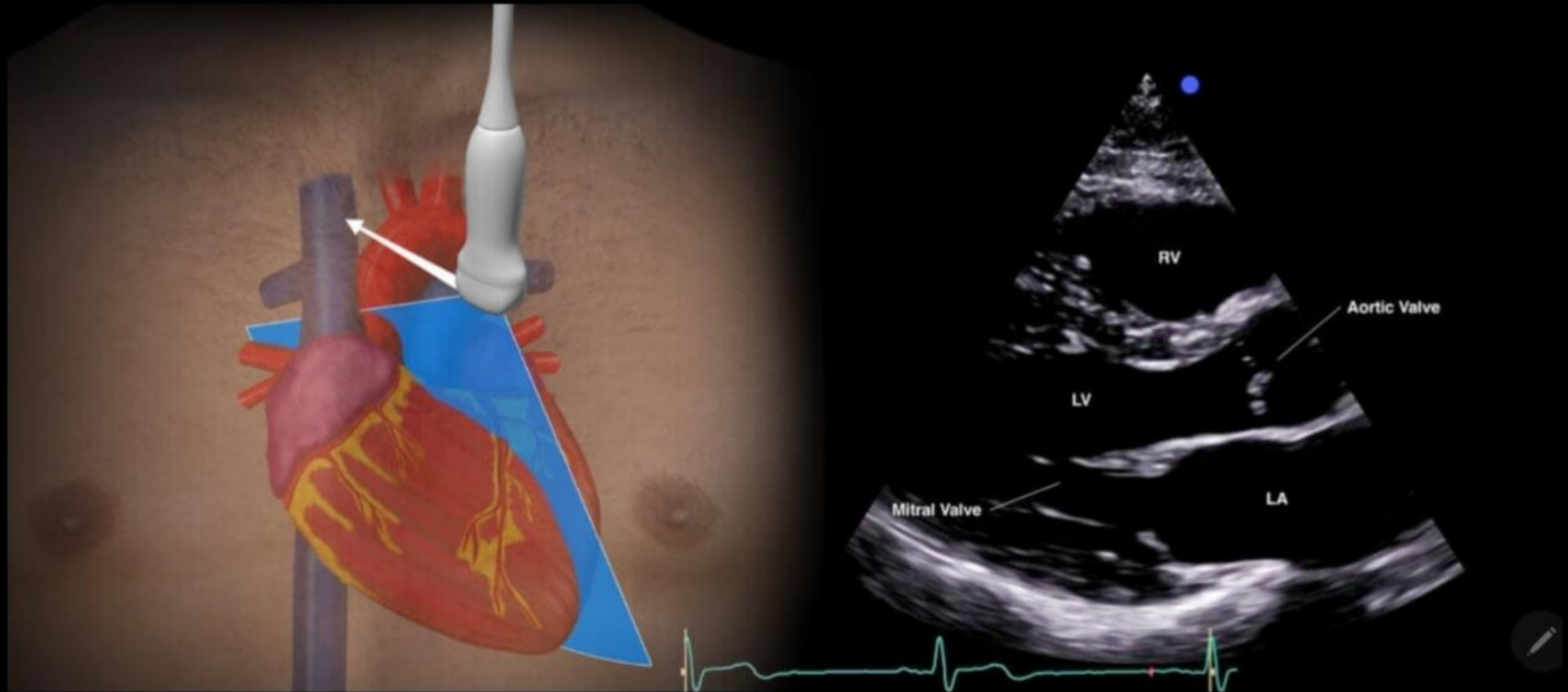
VENTANAS CARDÍACAS

Cardiac Ultrasound



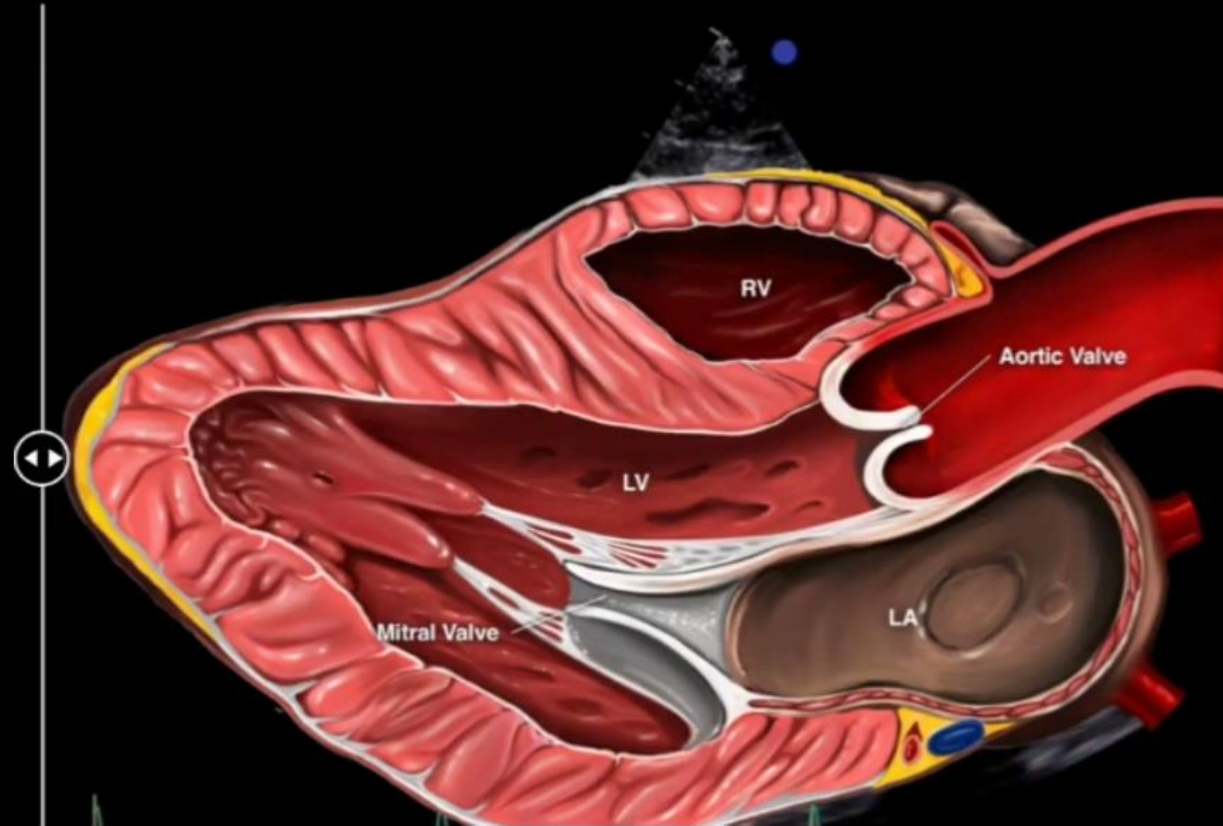
Sonosemiología Cardíaca

1. EJE PARAESTERNAL LARGO (PLAX)



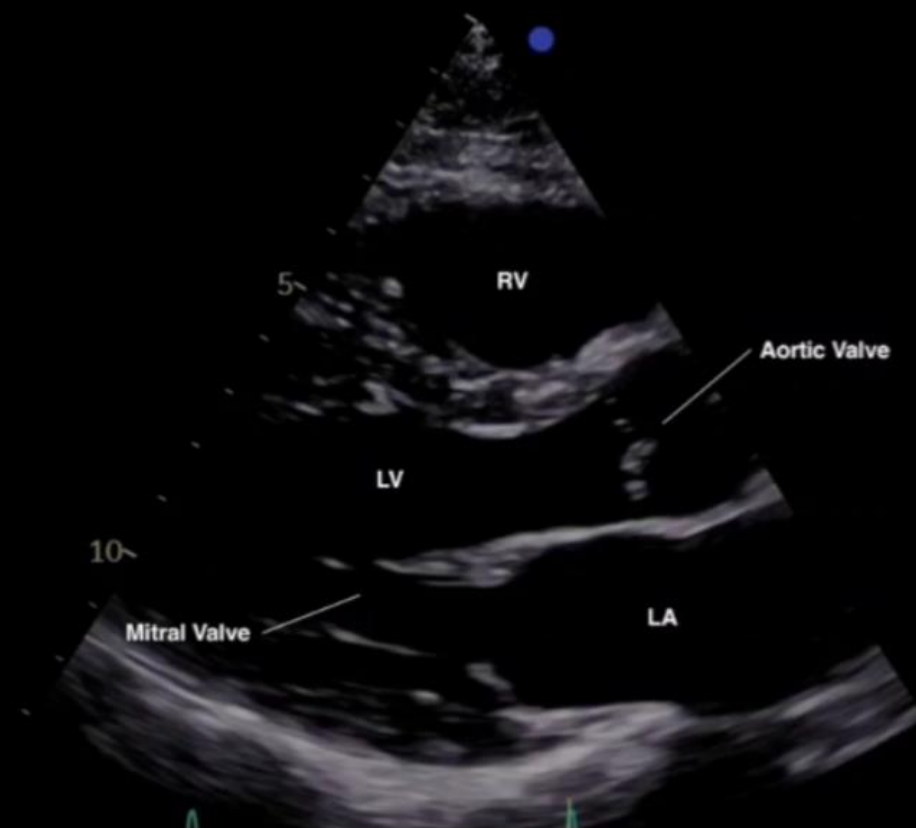
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1. EJE PARAESTERNAL LARGO (PLAX)



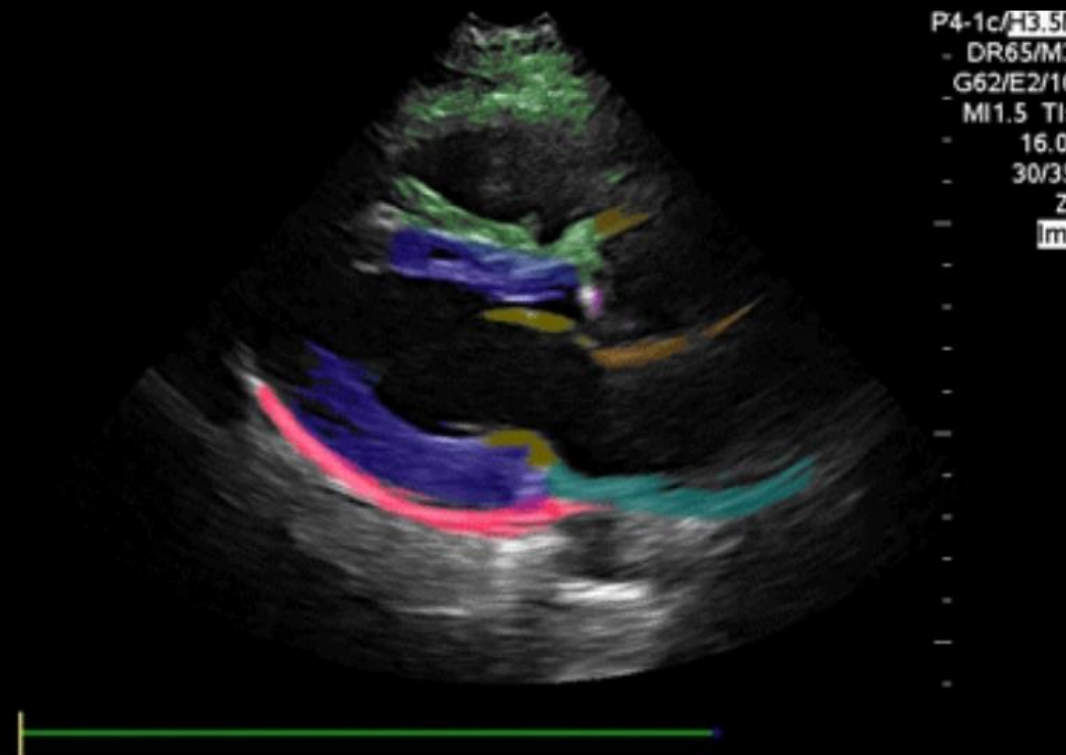
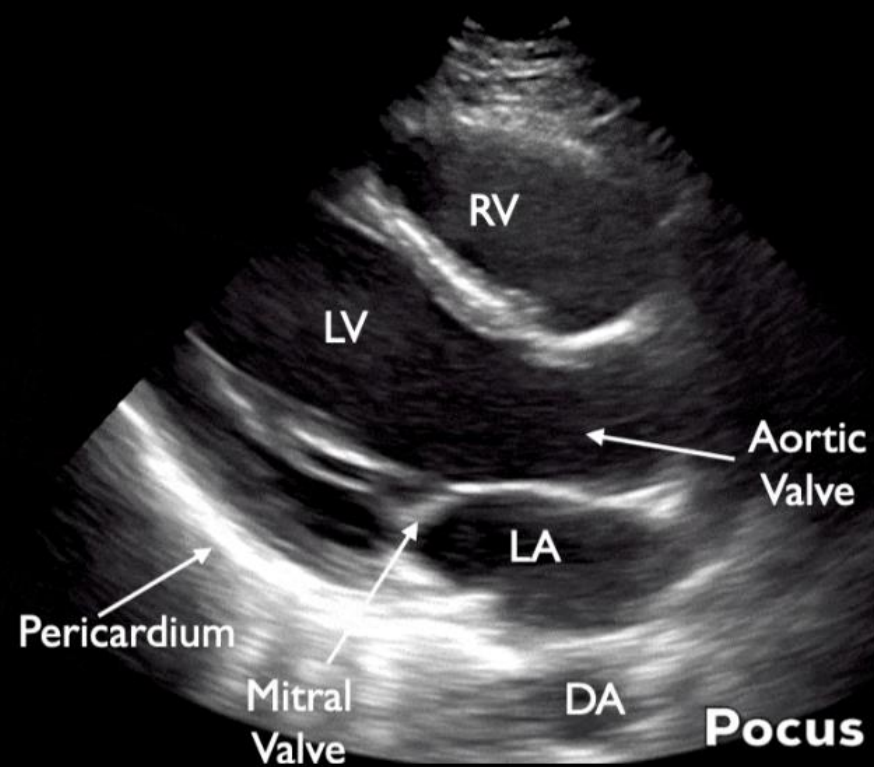
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1. EJE PARAESTERNAL LARGO (PLAX)



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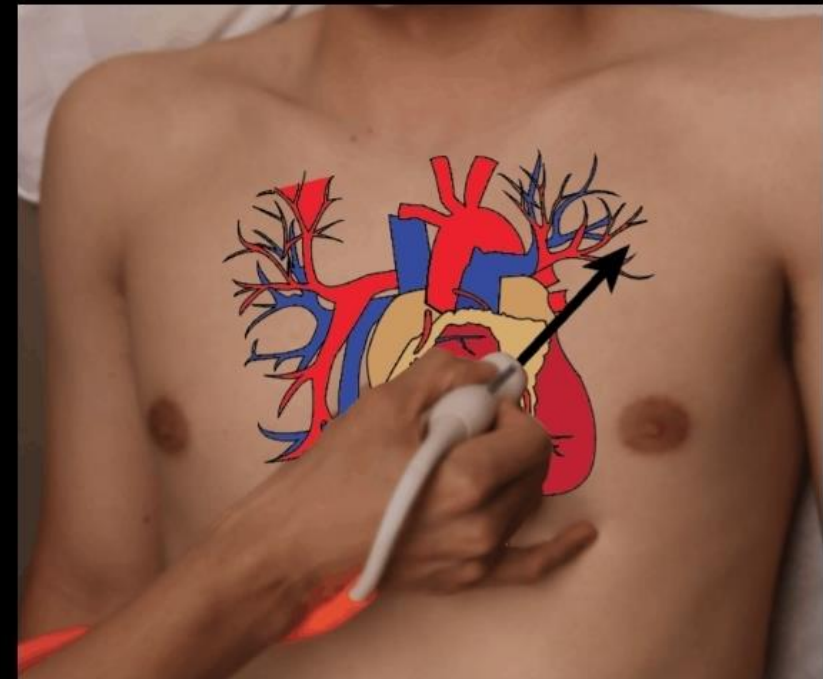
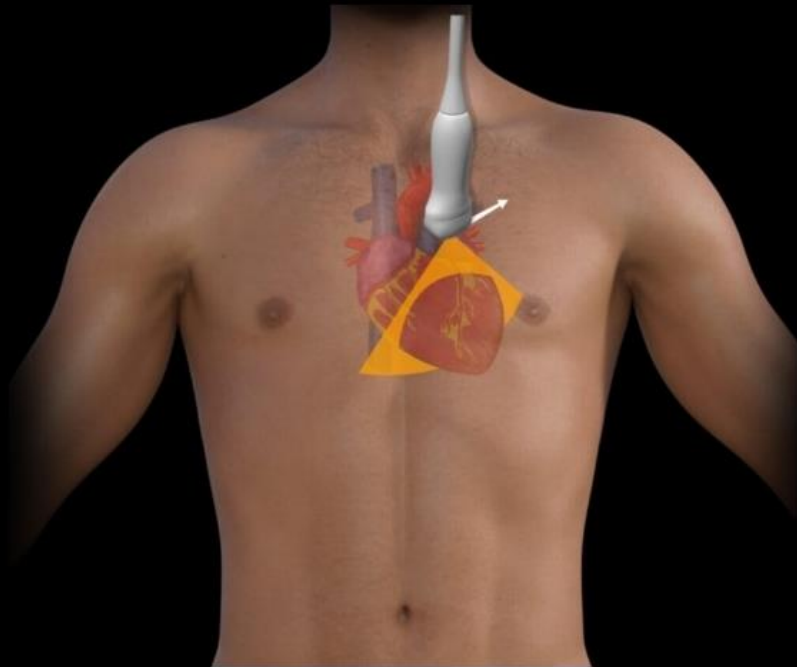


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2. EJE PARAESTERNAL CORTO (PSAX)



Coloque el transductor en la posición paraesternal (2.^a a 4.^a costilla)
y oriente la marca de índice hacia el hombro izquierdo (90 grados
en el sentido de las agujas del reloj desde la vista del eje largo paraesternal).

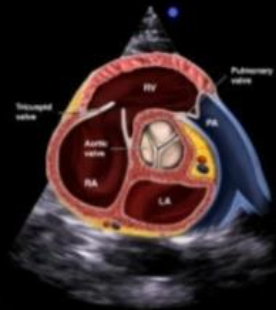


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2. EJE PARAESTERNAL CORTO (PSAX)



A. Aortic valve



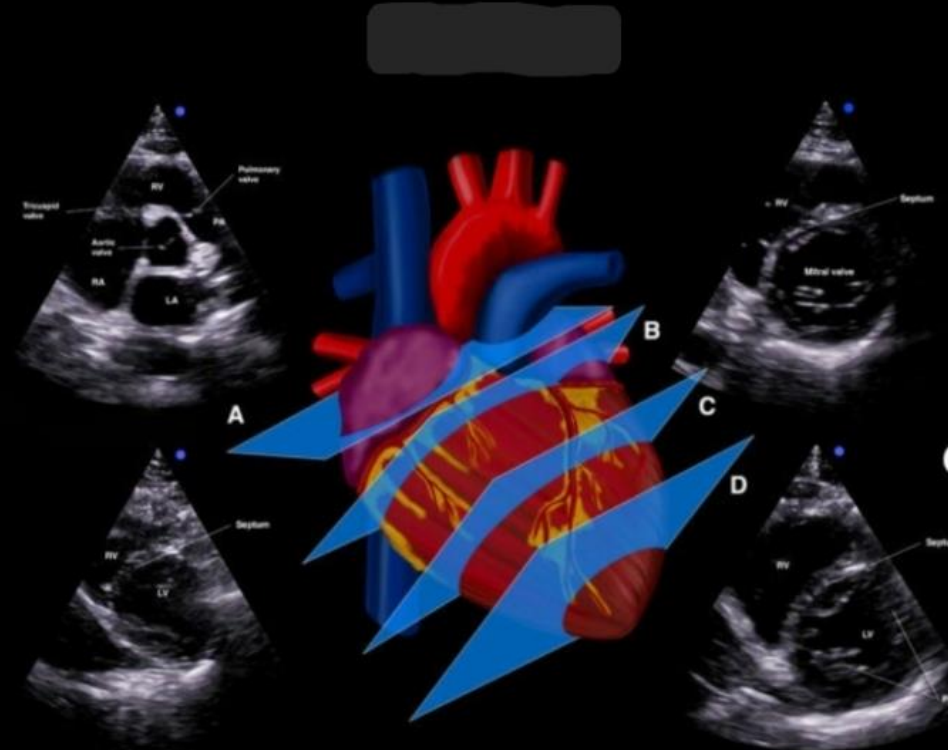
B. Mitral valve



D. Apical

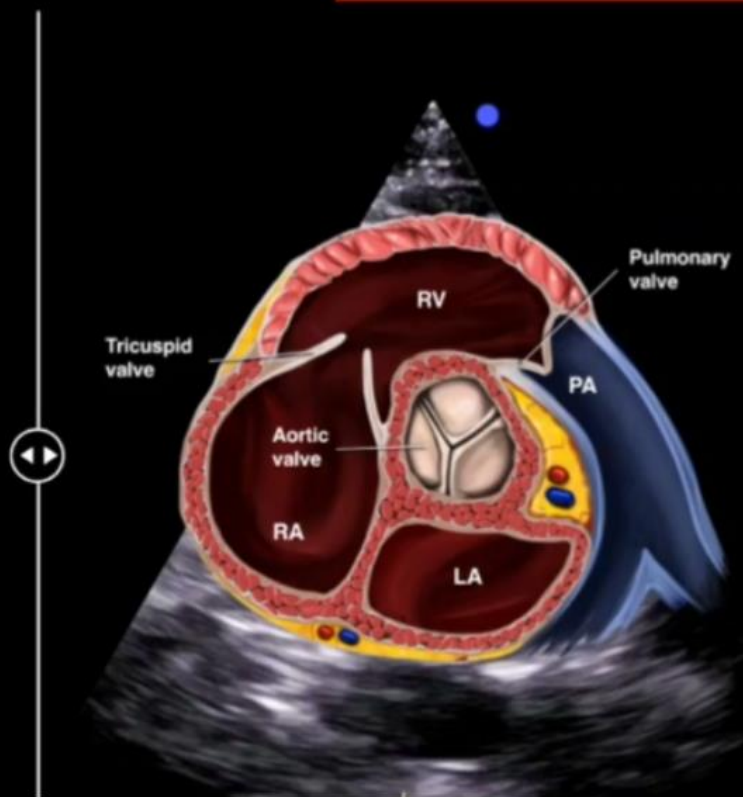


C. Papillary muscle

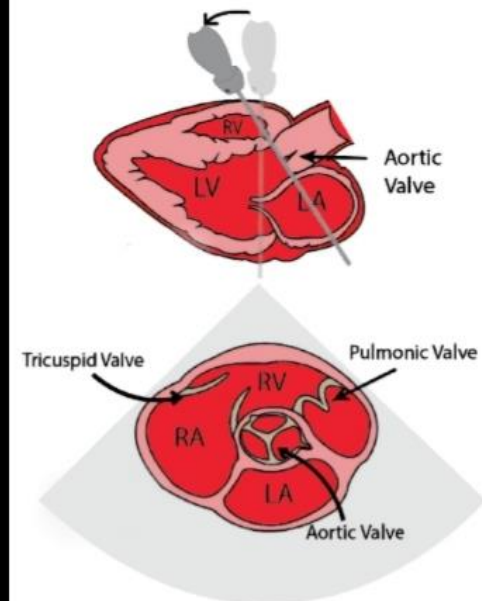


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2. EJE PARAESTERNAL CORTO (PSAX)



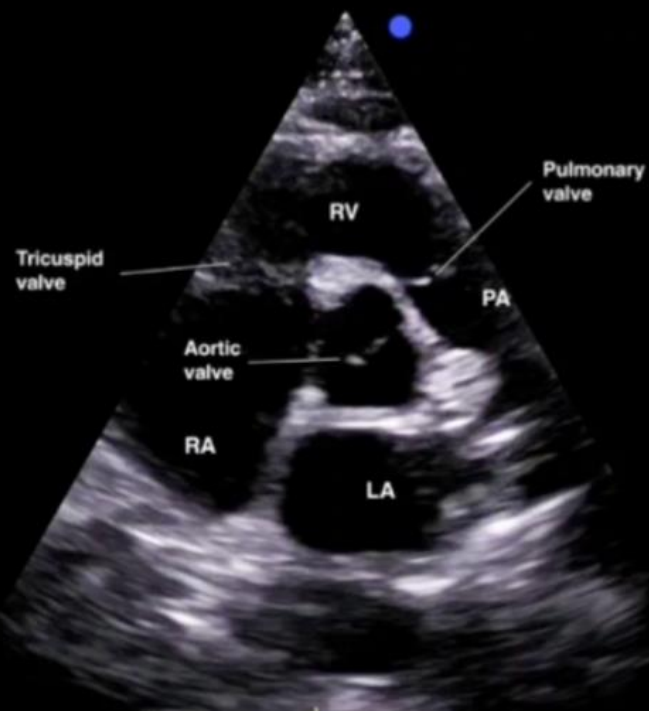
Tilt the Probe Towards
the Base of the Heart



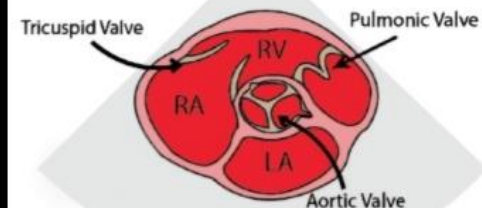
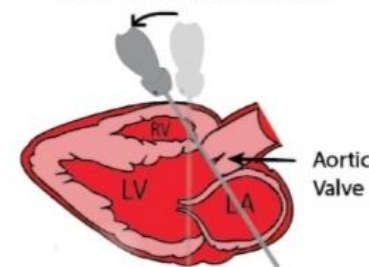
**Aortic Valve Level
("Mercedes Benz" View)**

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2. EJE PARAESTERNAL CORTO: A. Vàlvula Aòrtica



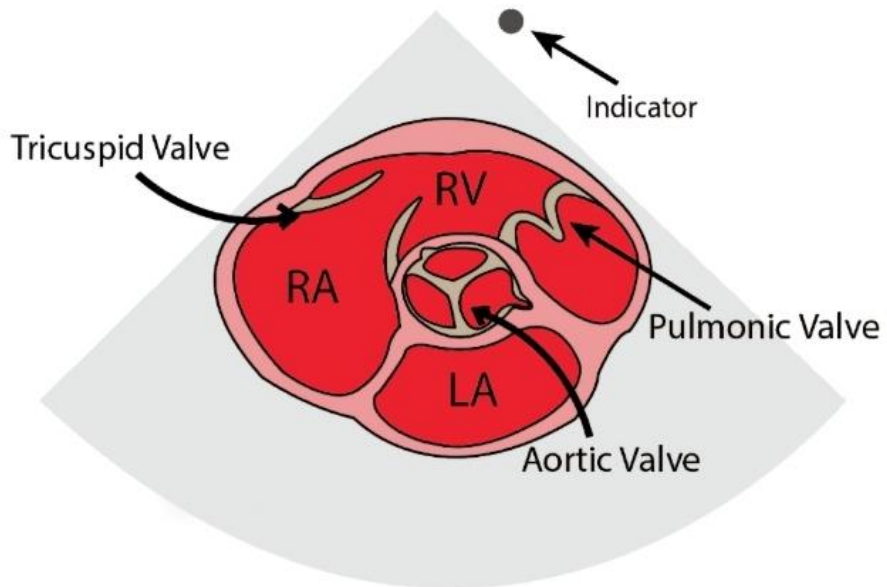
Tilt the Probe Towards
the Base of the Heart



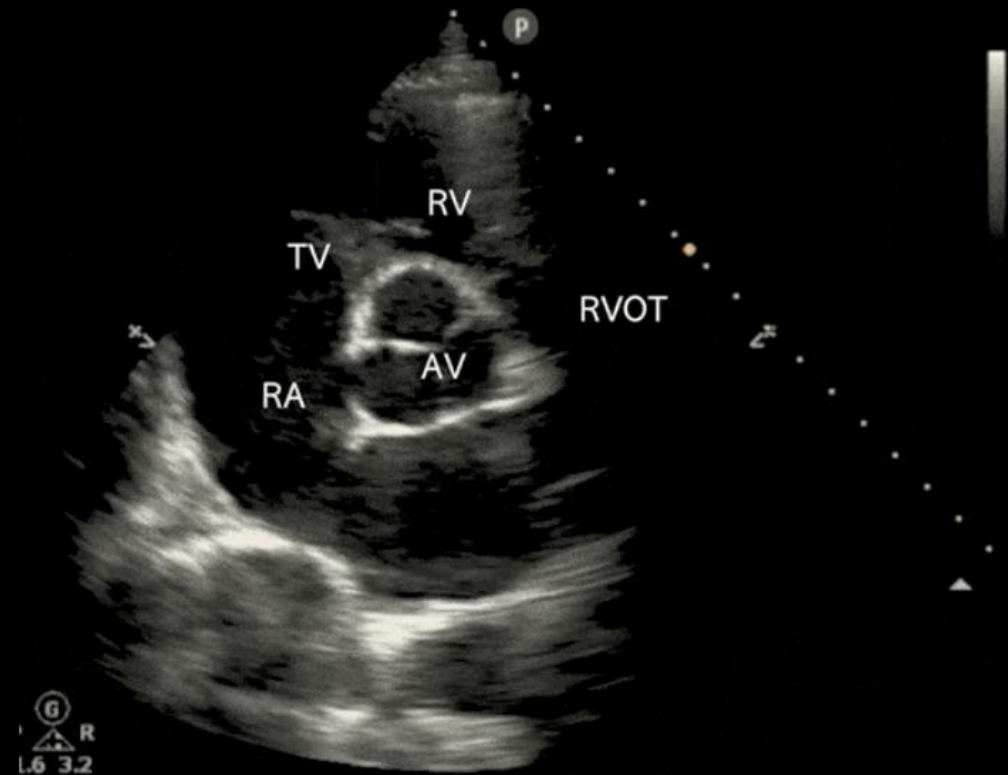
Aortic Valve Level
("Mercedes Benz" View)

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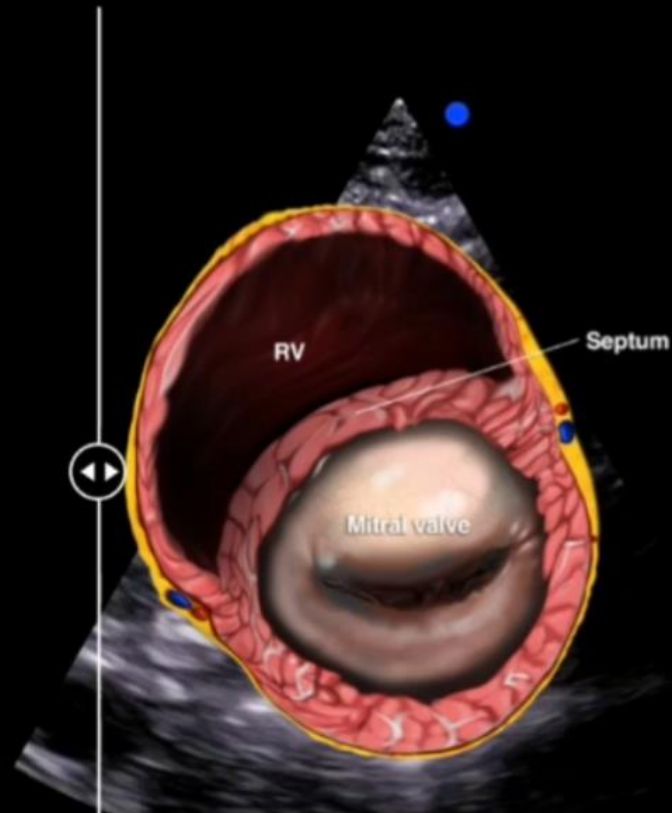


**Aortic Valve Level
("Mercedes Benz" View)**

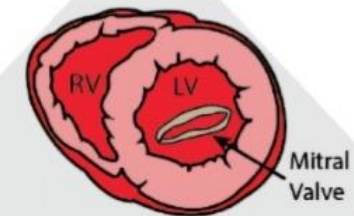
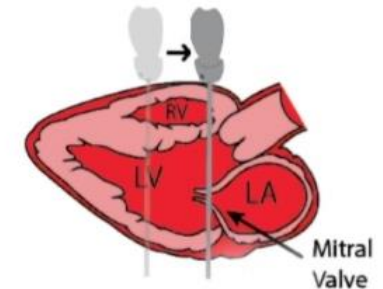


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2. EJE PARAESTERNAL CORTO: B. Vàlvula Mitral



Slide the Probe Towards
the Mitral Valve



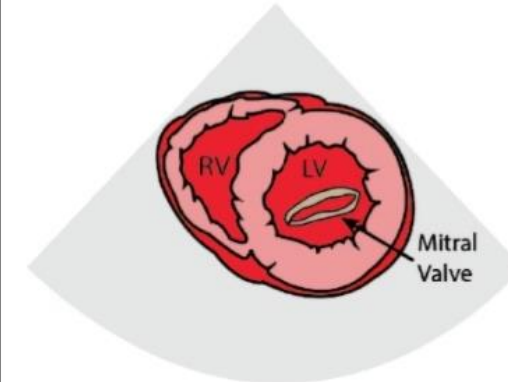
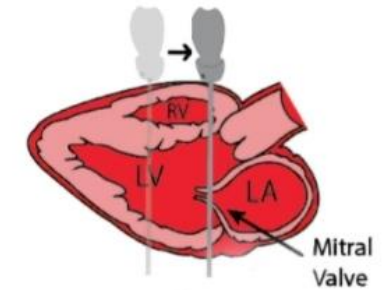
Mitral Valve Level
("Fish Mouth" View)

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2. EJE PARAESTERNAL CORTO: B. Vàlvula Mitral



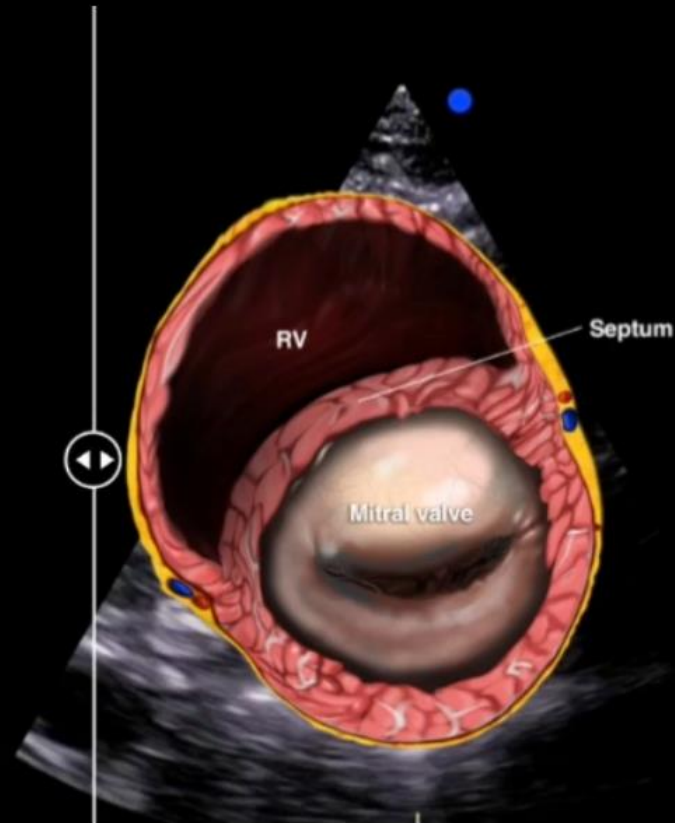
Slide the Probe Towards
the Mitral Valve



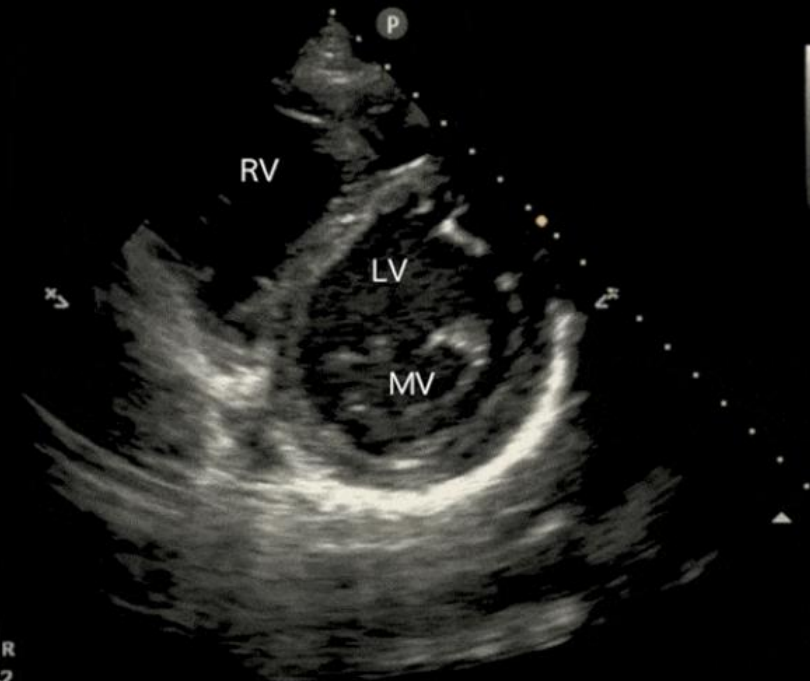
Mitral Valve Level
("Fish Mouth" View)

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2. EJE PARAESTERNAL CORTO: B. Vàlvula Mitral

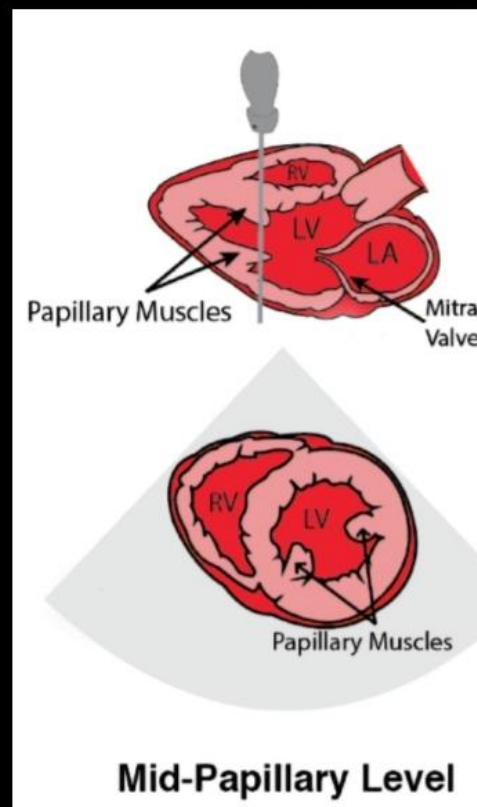
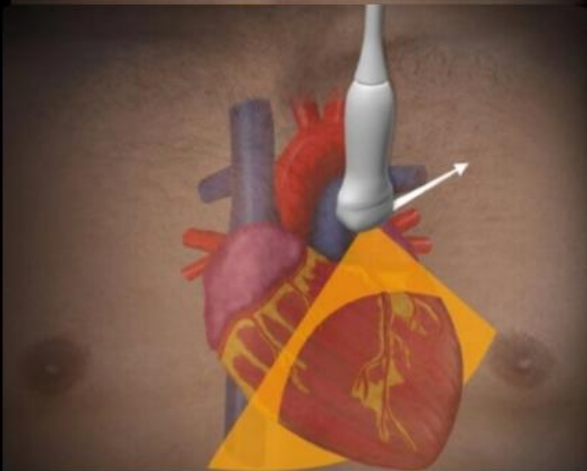
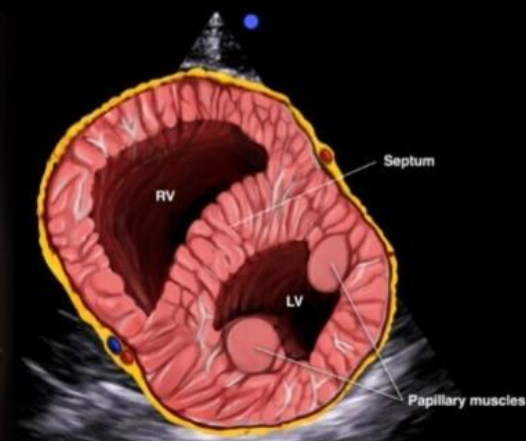
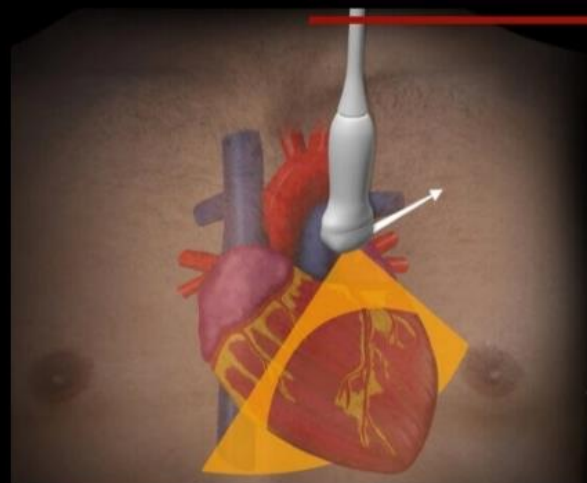


G
R
L6 3.2



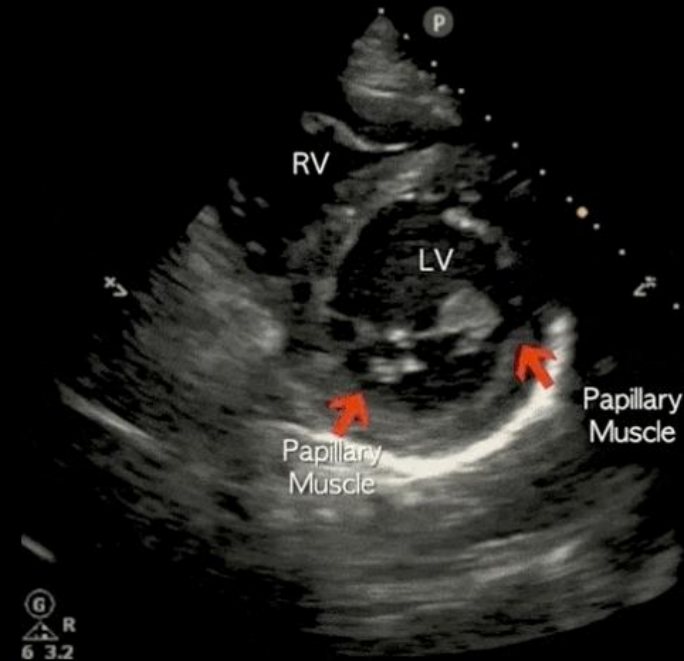
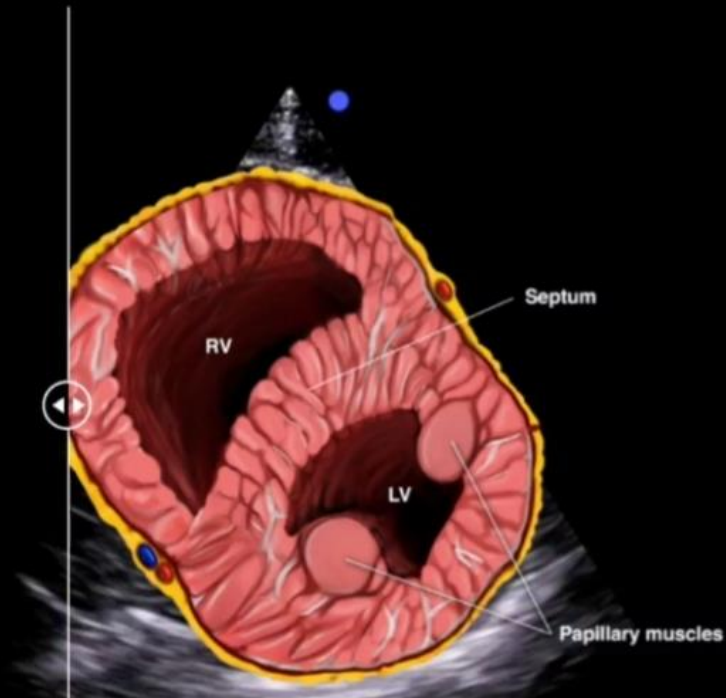
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2. EJE PARAESTERNAL CORTO: C. Músculos Papilares



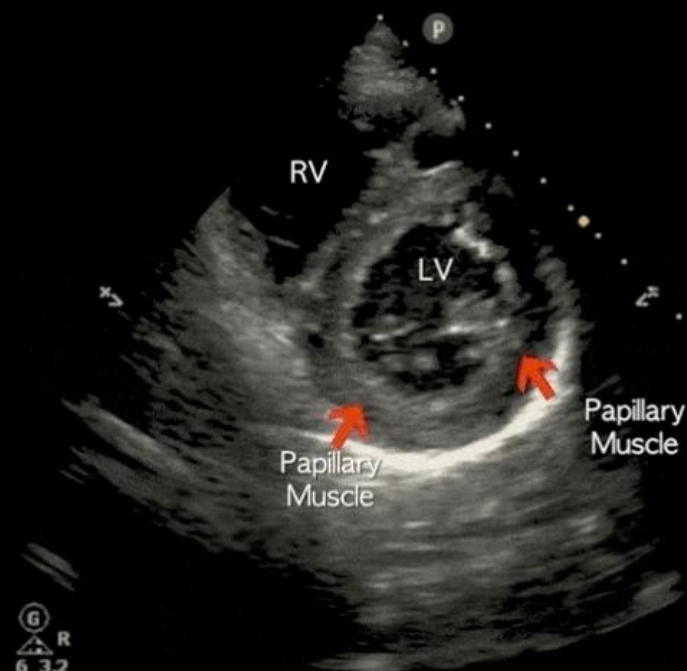
Sonosemiologia Cardíaca

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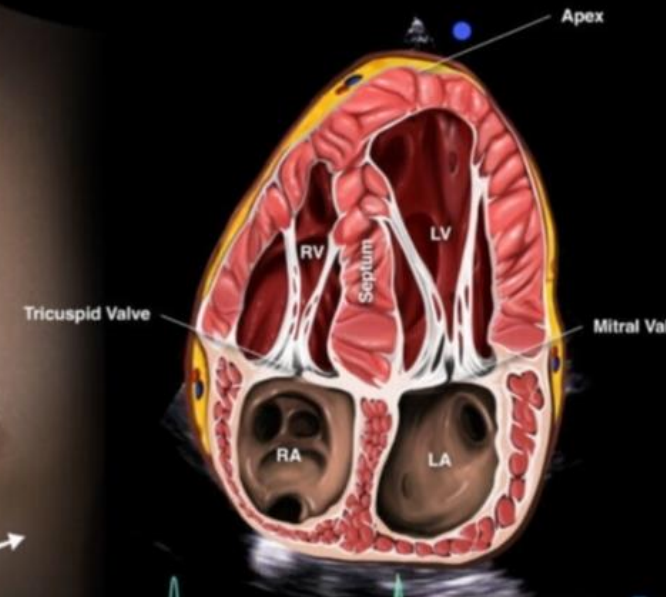
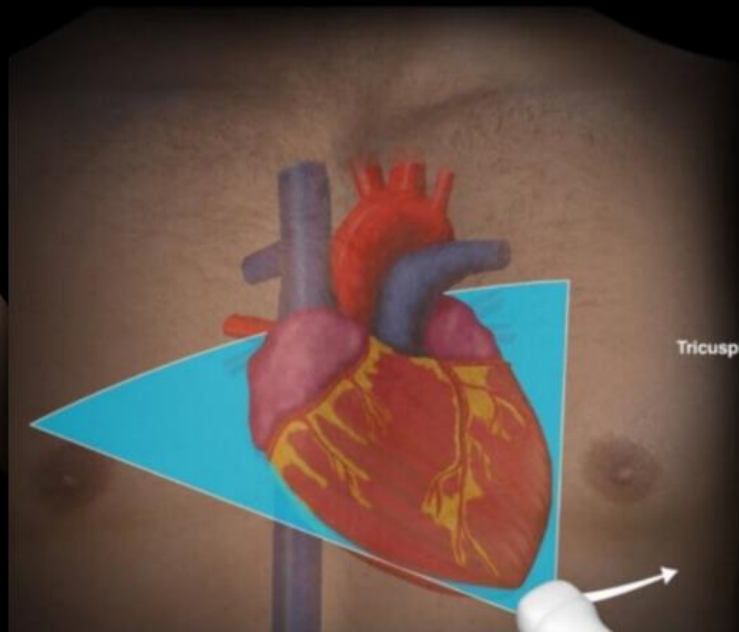
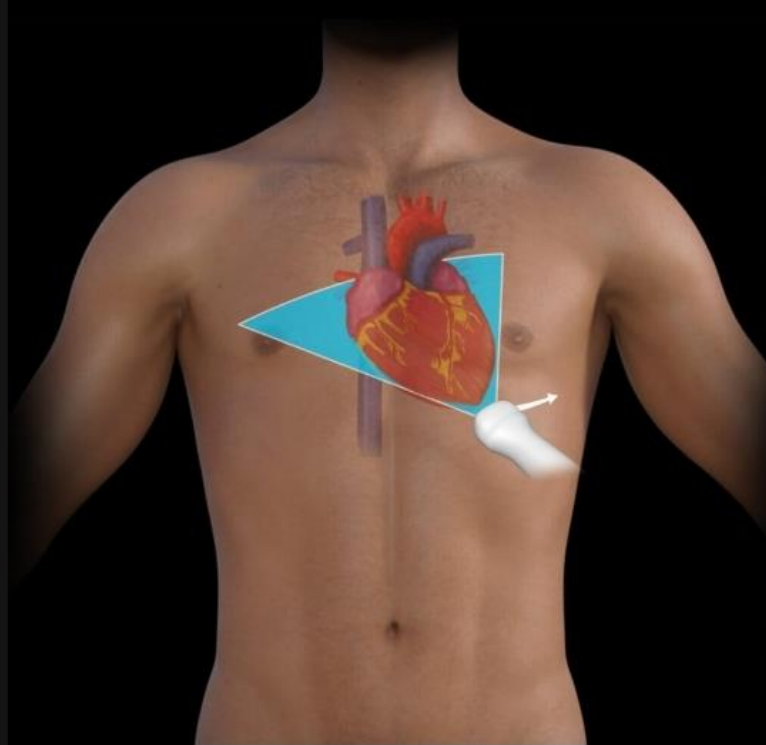
Sonosemiologia Cardíaca

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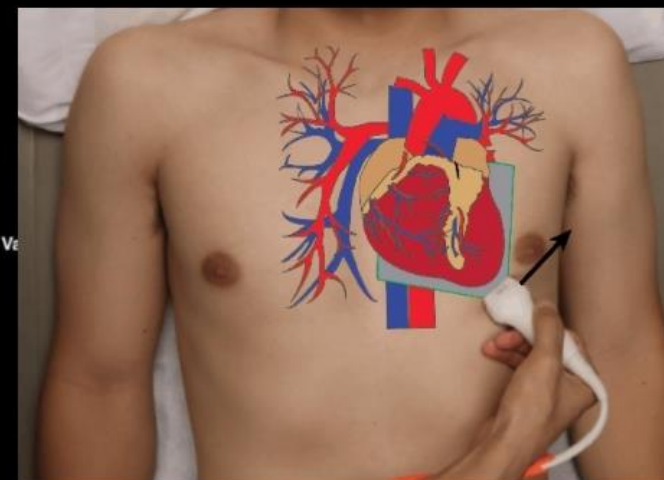
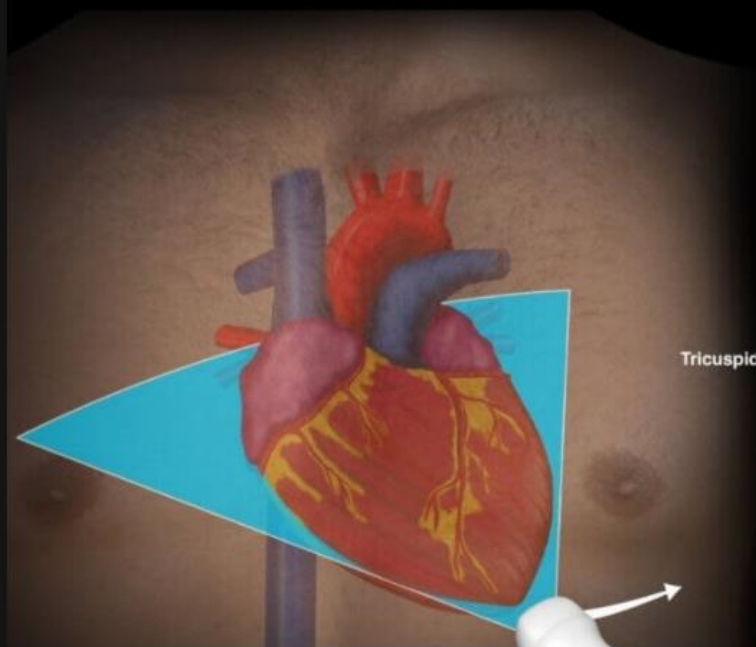
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3. EJE 4 CAMARAS



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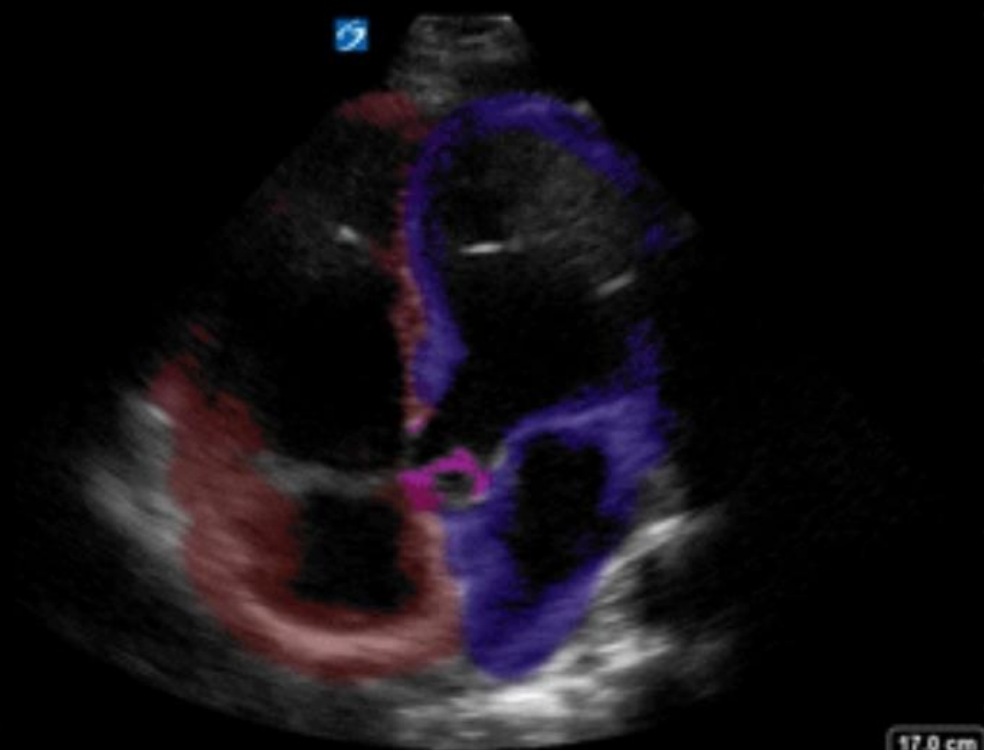
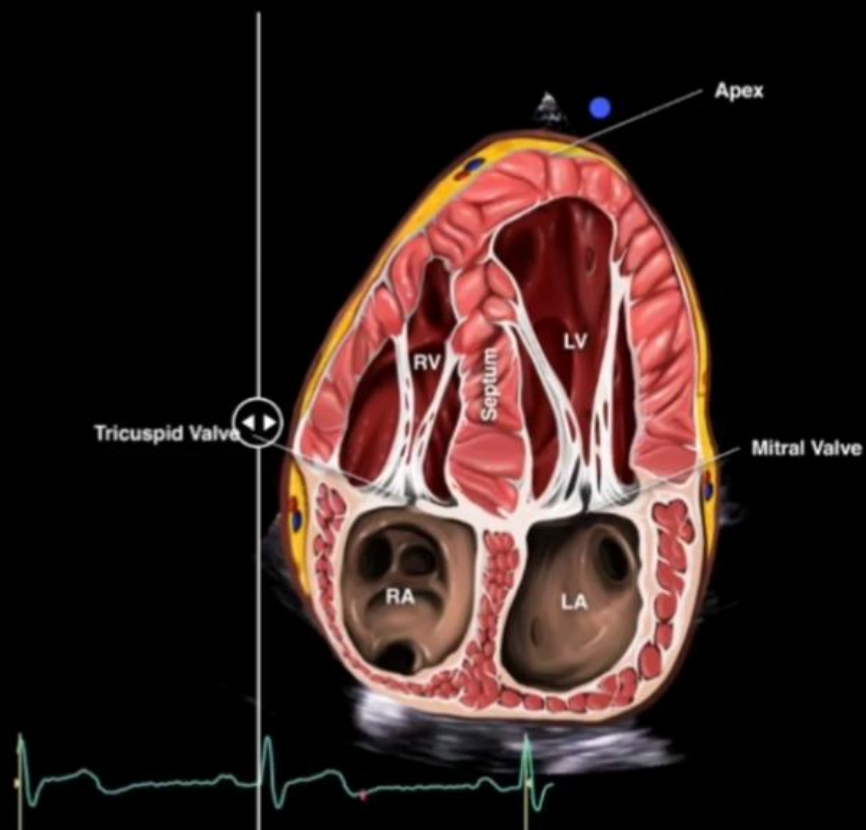


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3. EJE 4 CAMARAS



8 Apr 2017 / 09:15



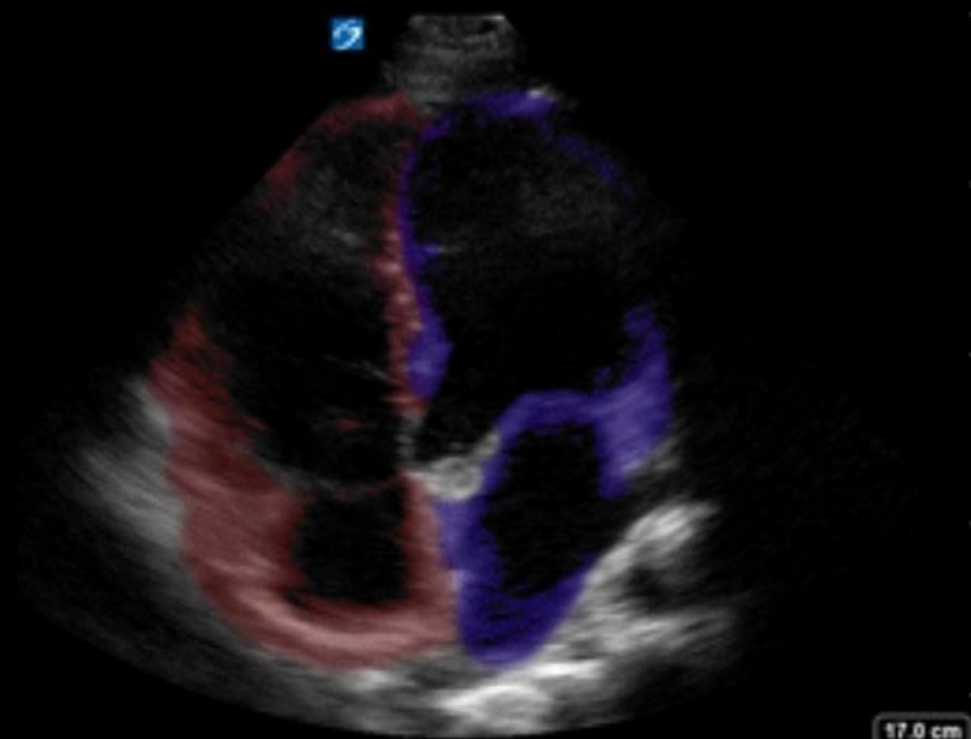
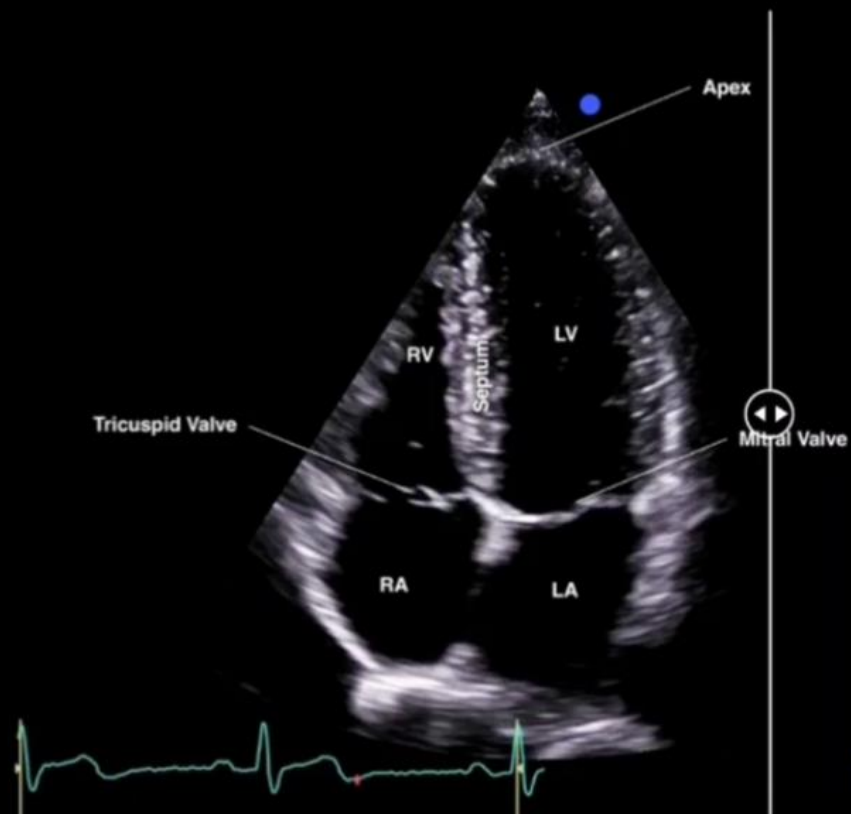
Site
E1 CARDIAC

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3. EJE 4 CAMARAS



6 Apr 2017 / 09:15



Site
5-1 CARDIAC

17.0 cm

20: 0: 50
08: 0

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4. EJE 5 CAMARAS

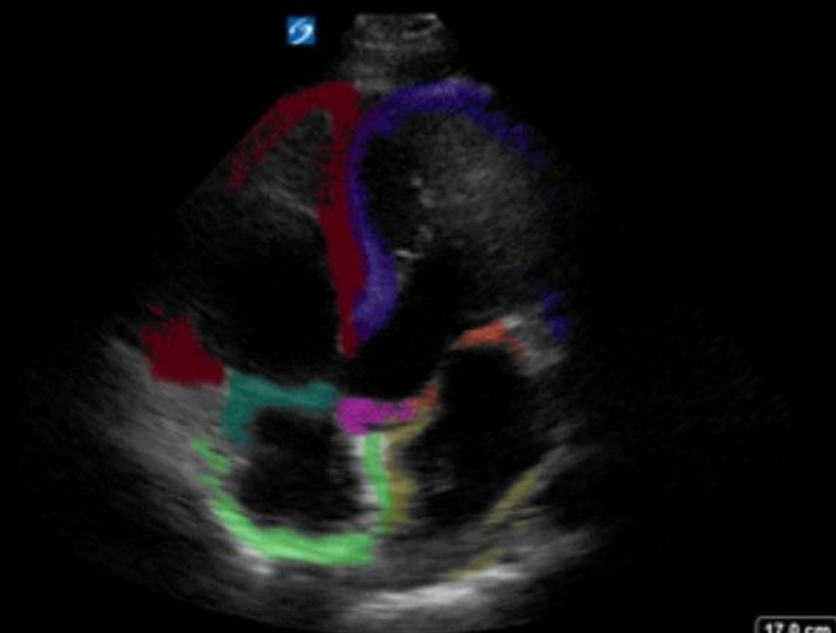
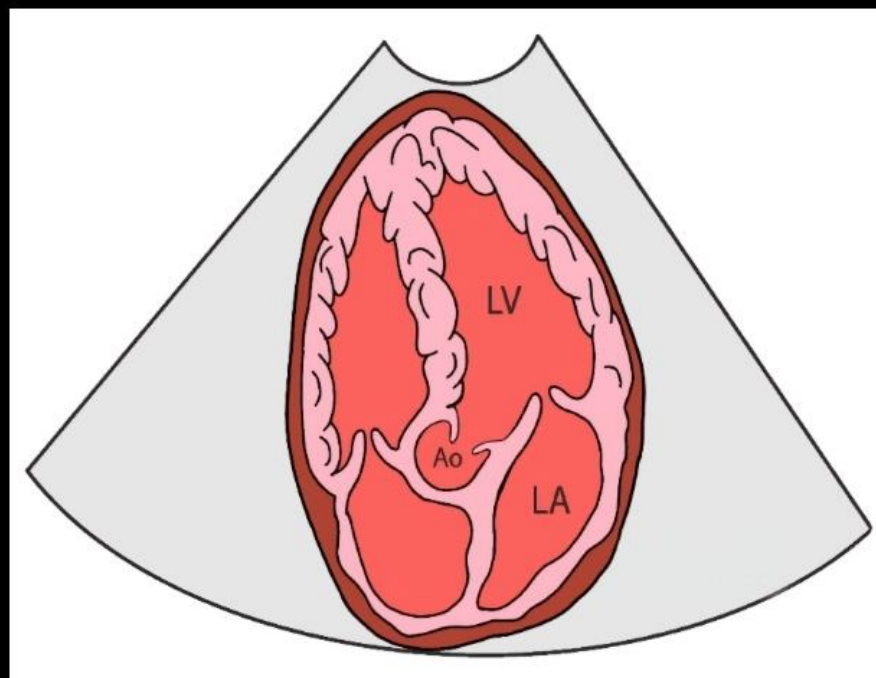


Desde la vista apical de 4 cámaras, incline ligeramente la cola de la sonda hacia los pies del paciente para obtener la vista apical de 5 cámaras. ¡A menudo, la diferencia entre las dos vistas es solo una inclinación de 5 a 10 grados!



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4. EJE 5 CAMARAS



Site
5-1 CARDIAC
TIS: 0.5

5 Apr 2017 / 09:15

17.0 cm

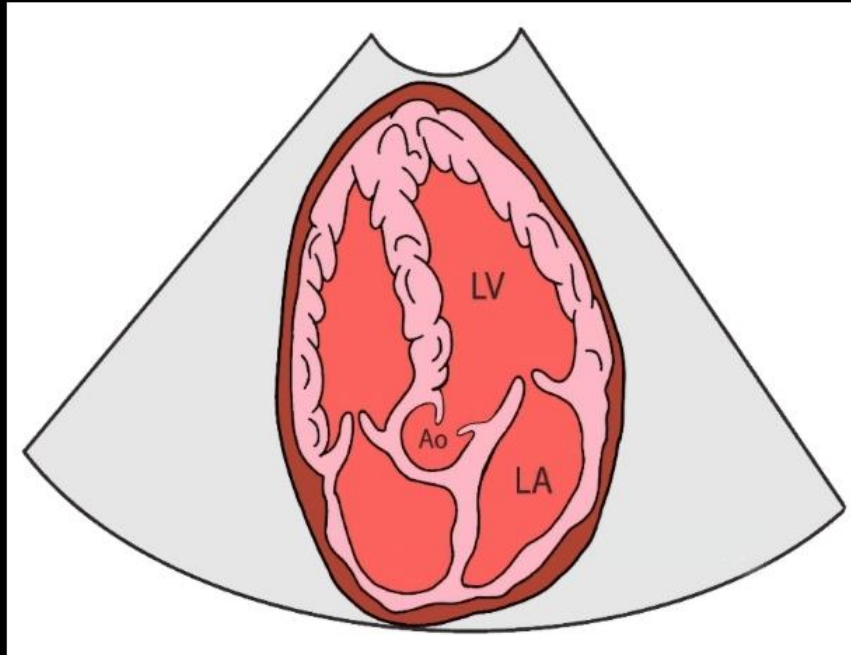
2D: G: 50
DR: 0



THI

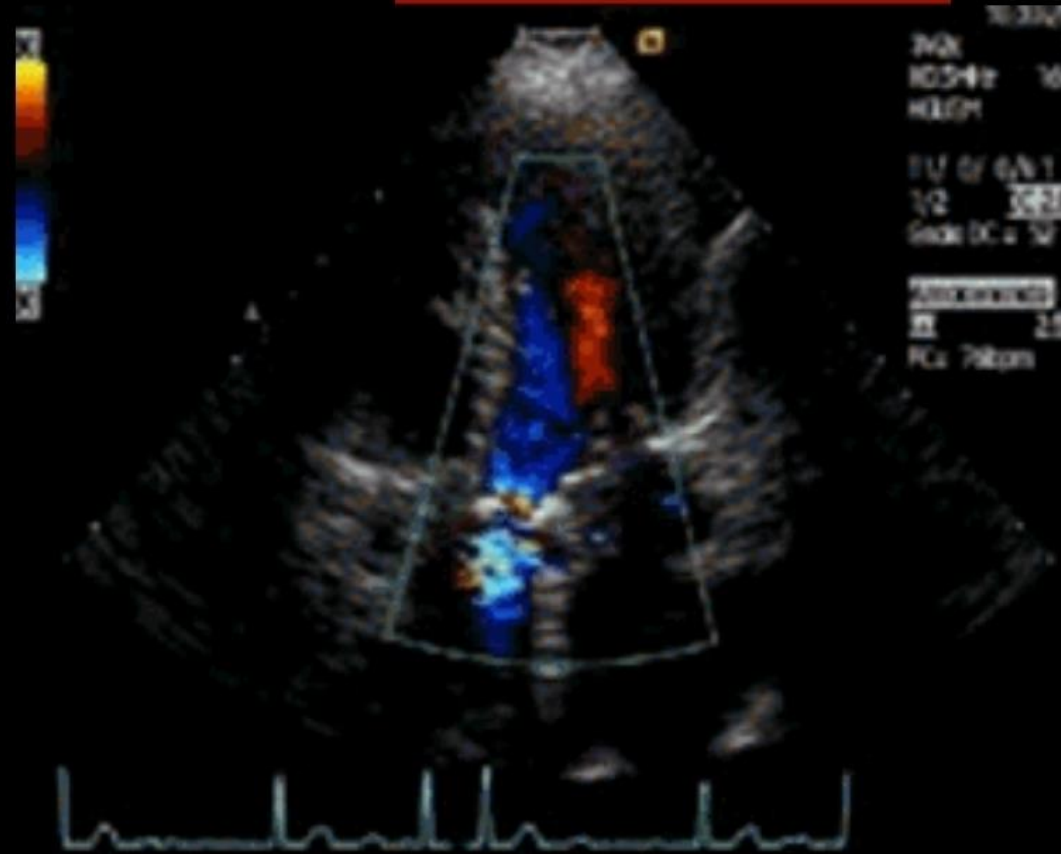
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4. EJE 5 CAMARAS



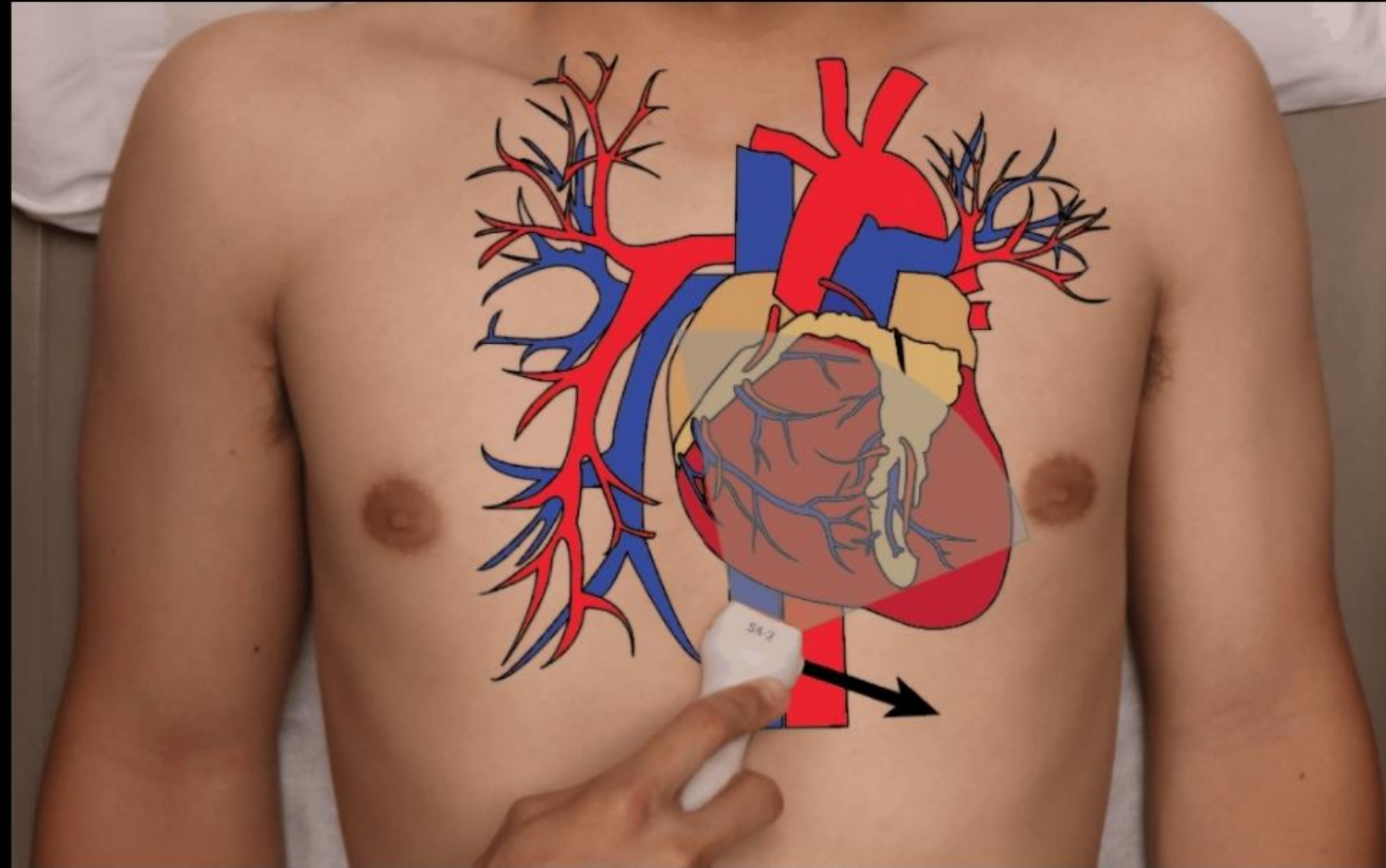
Sonosemiologia Cardìaca

4. EJE 5 CAMARAS



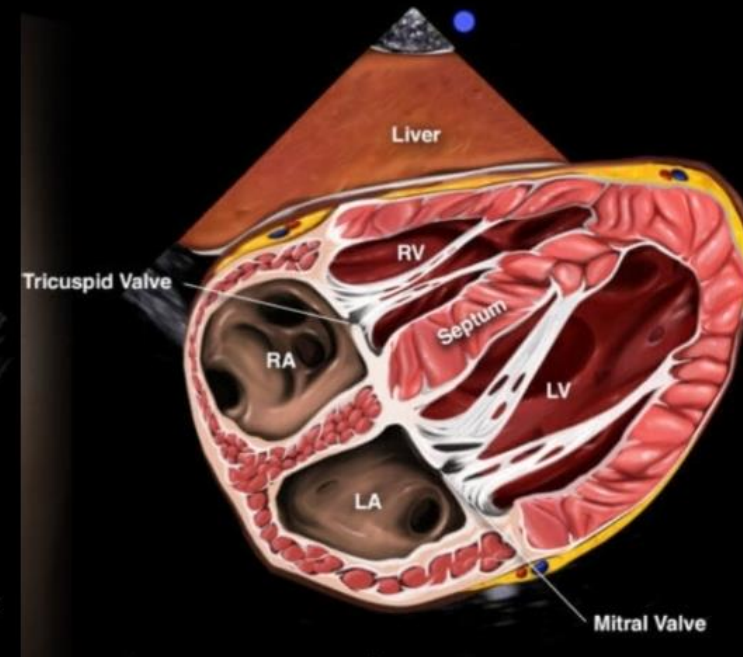
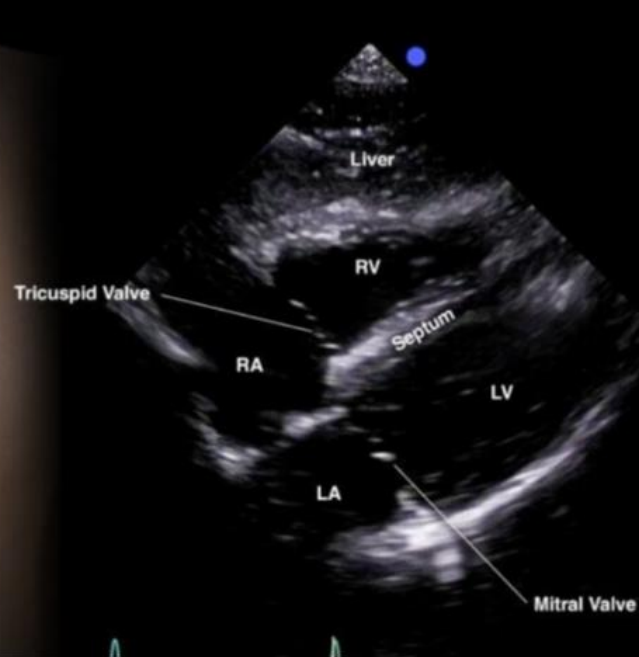
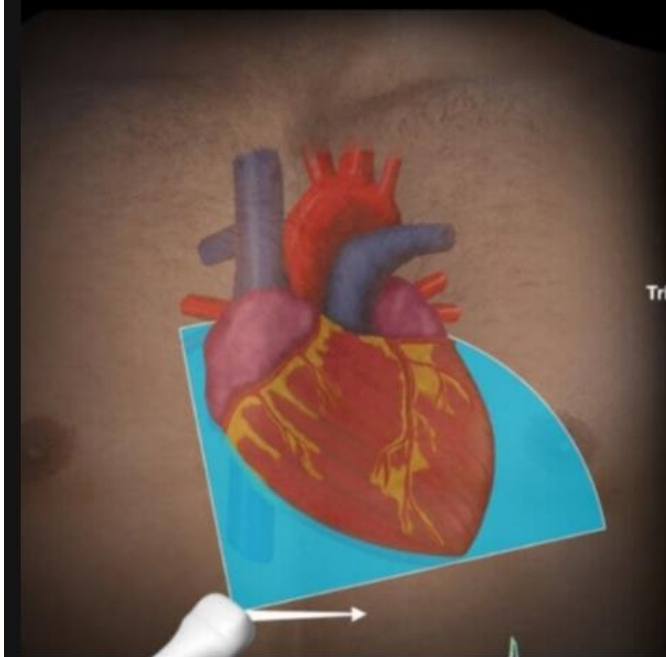
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5. Vista Subcostal o Subxifoidea



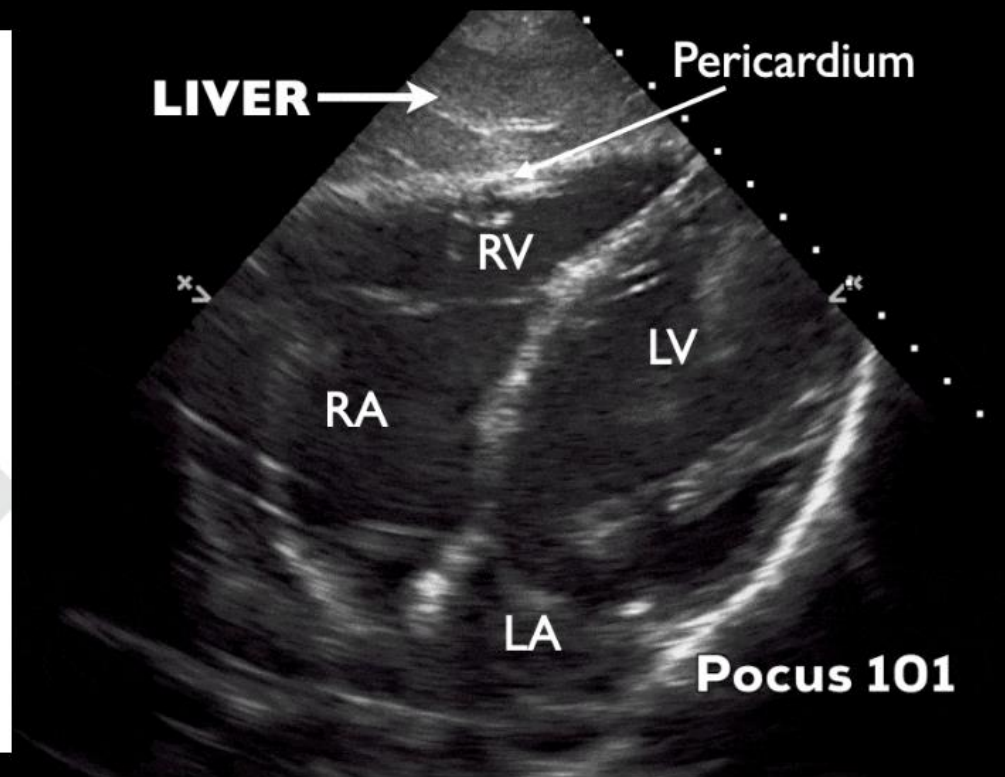
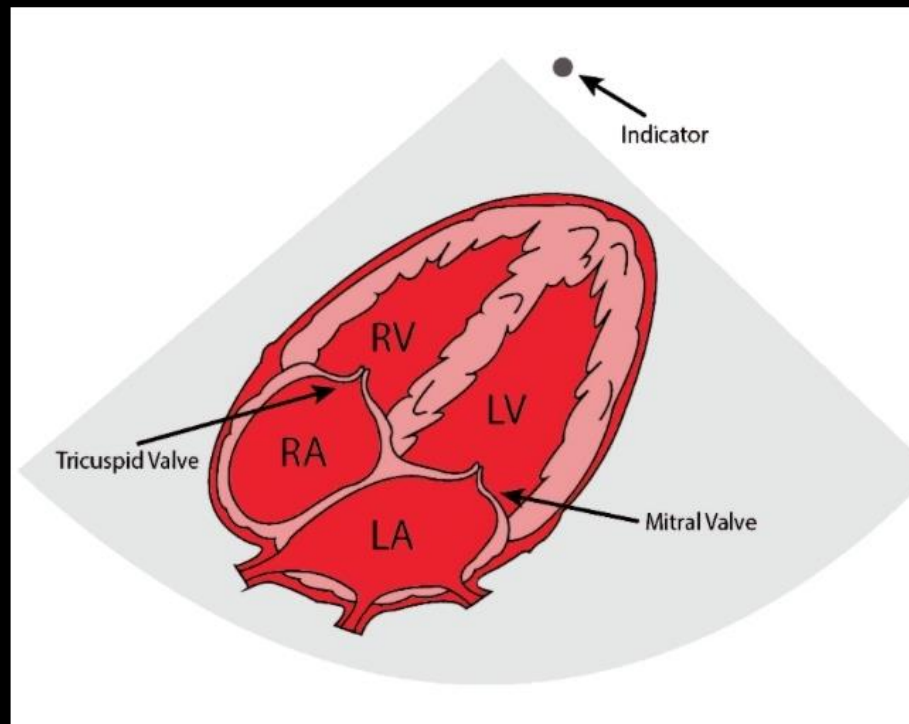
Sonosemiologia Cardíaca

5. Vista Subcostal o Subxifoidea



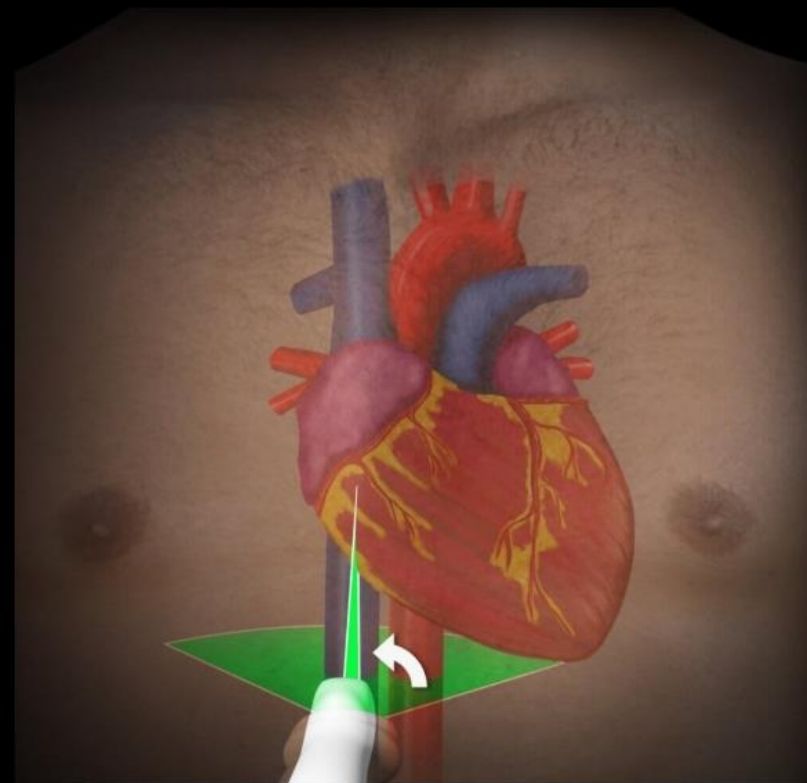
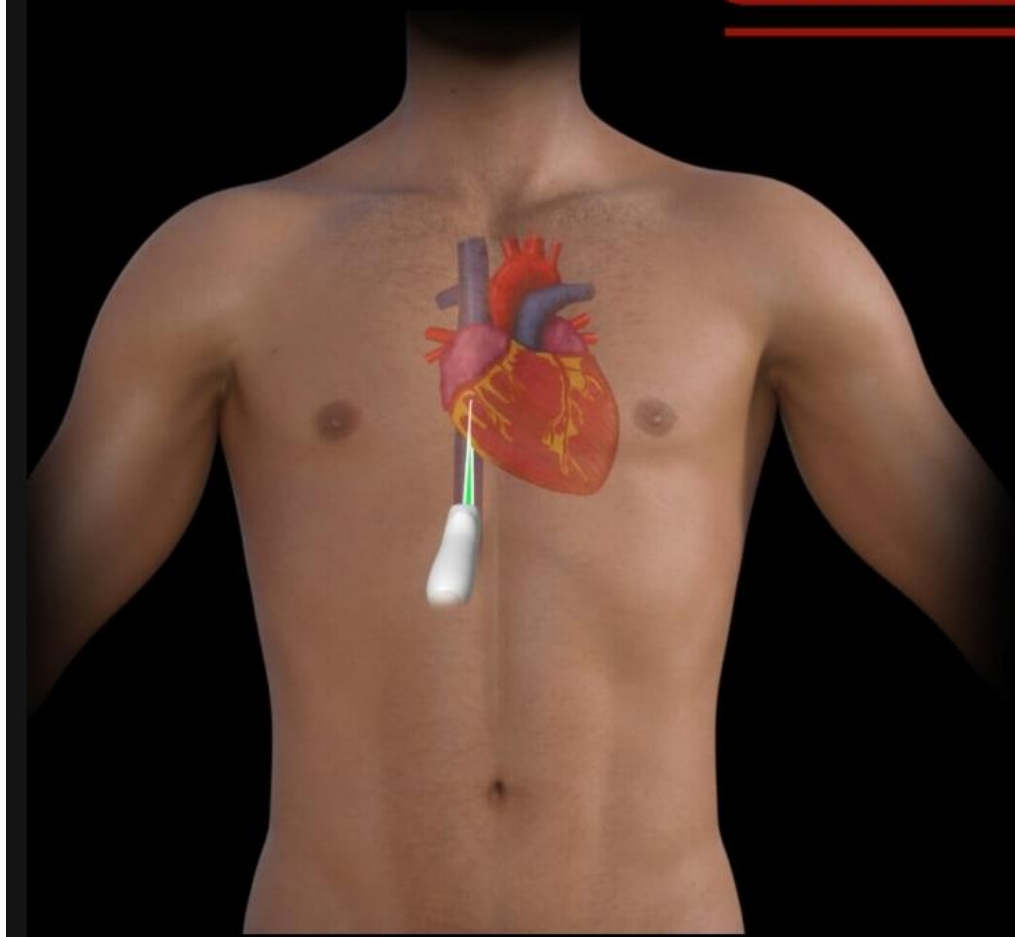
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5. Vista Subcostal o Subxifoidea



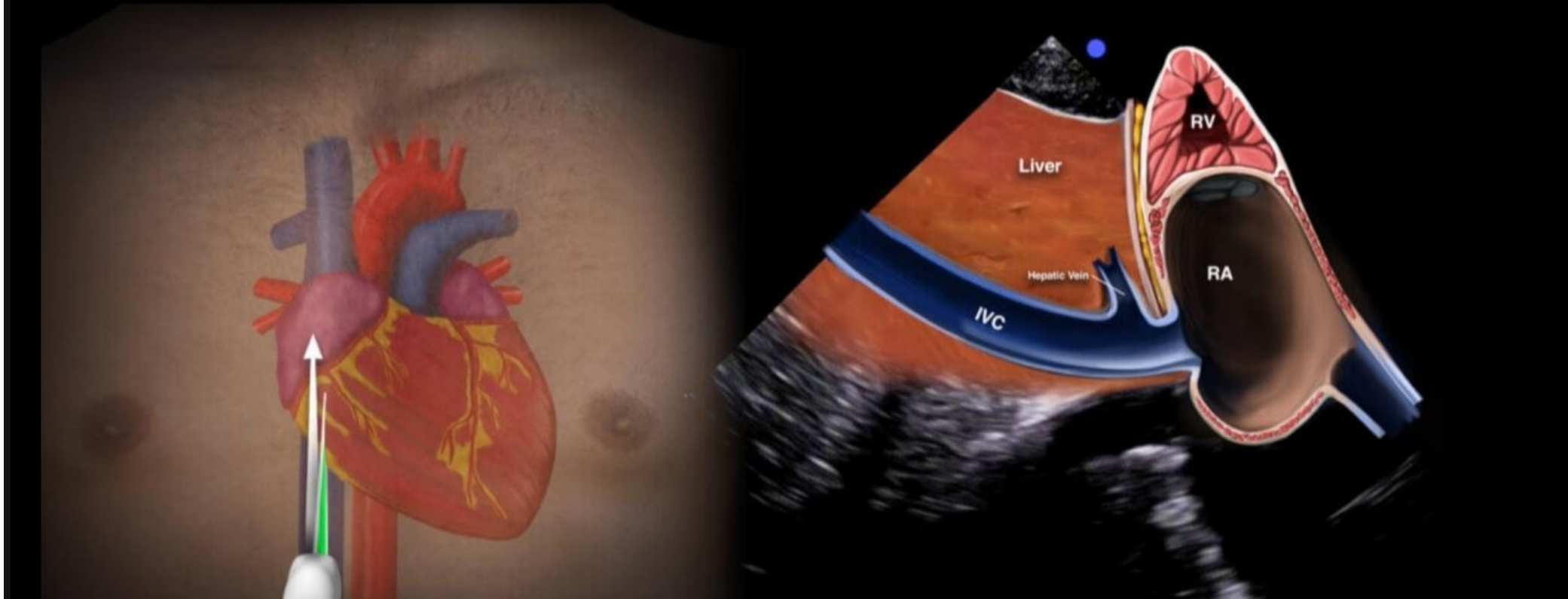
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6. Vista Vena Cava Inferior



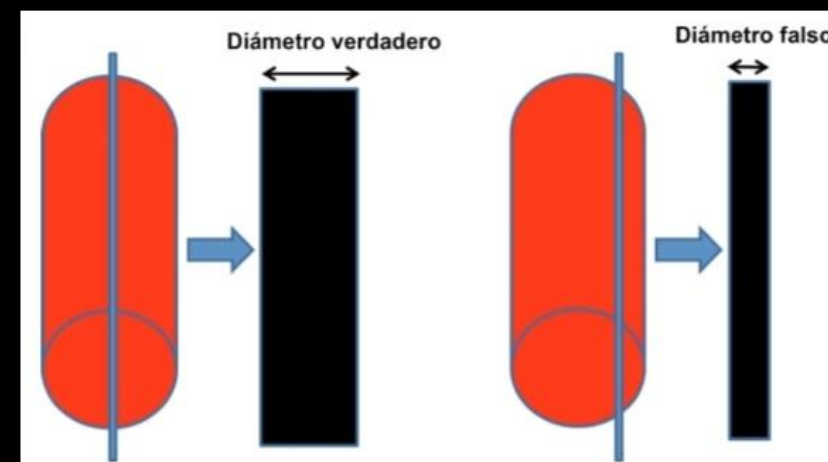
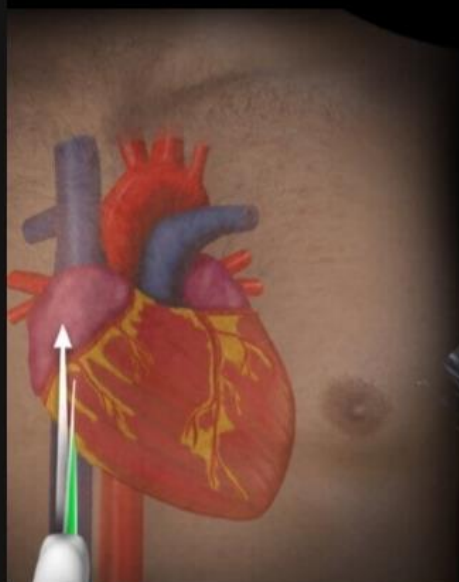
Sonosemiologia Cardíaca

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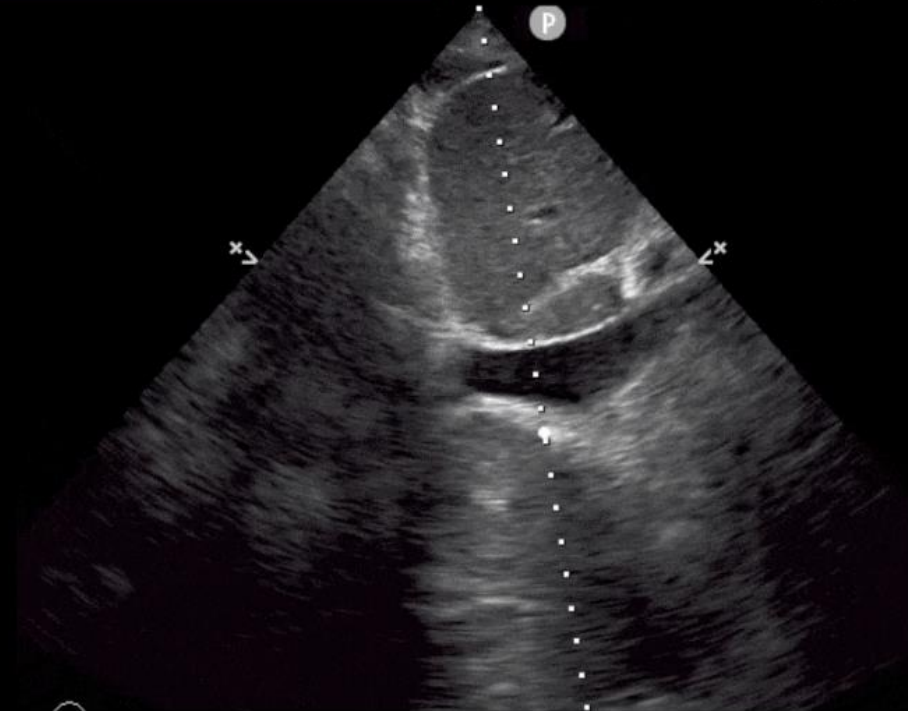
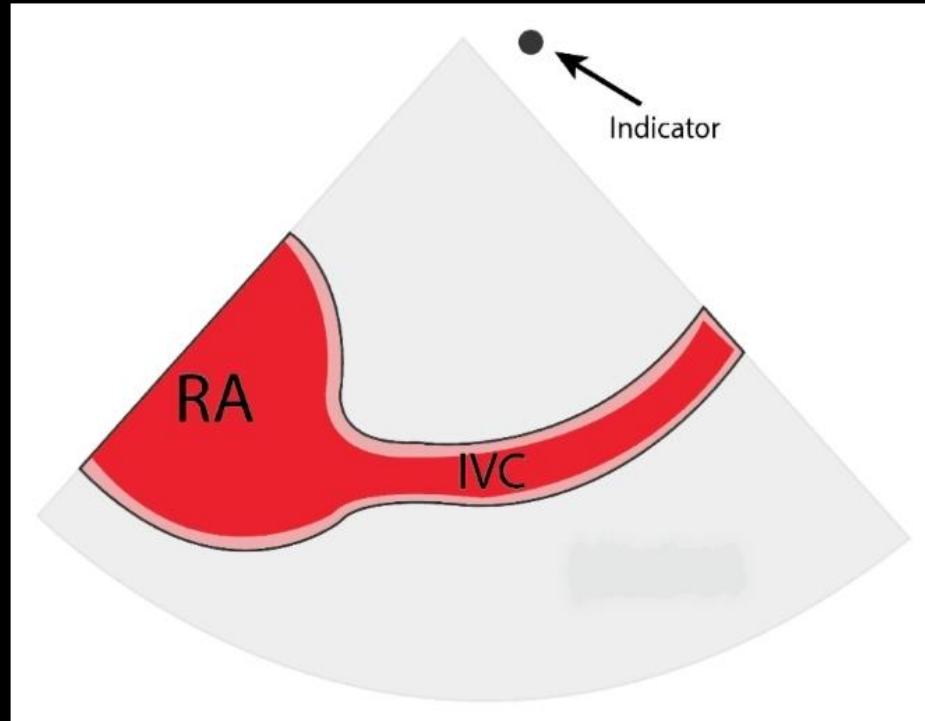
Sonosemiología Cardíaca

6. Vista Vena Cava Inferior



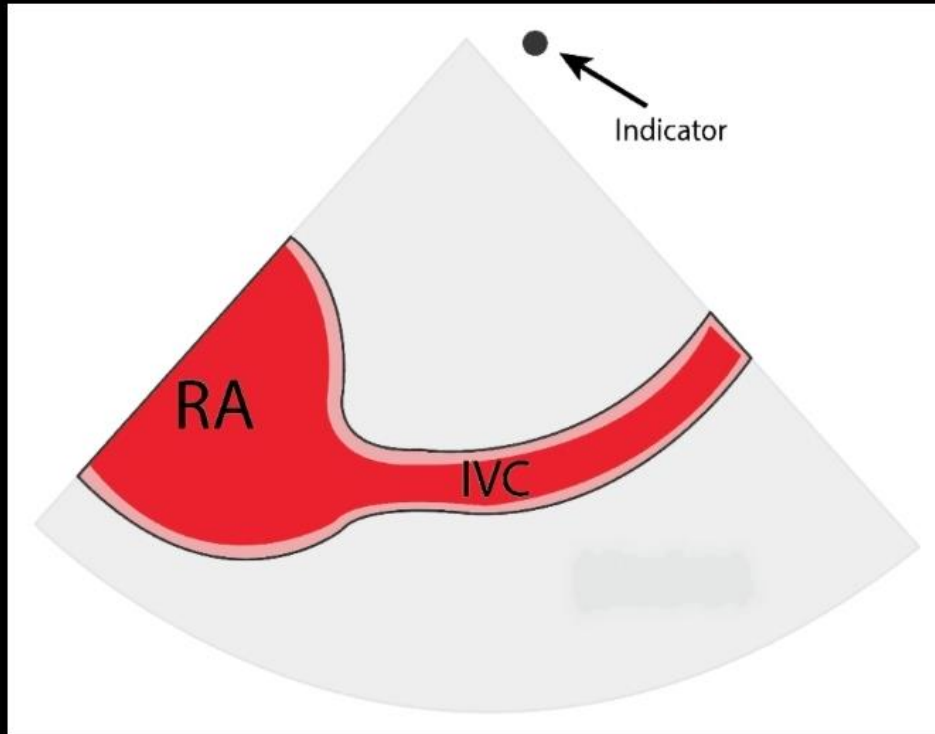
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6. Vista Vena Cava Inferior



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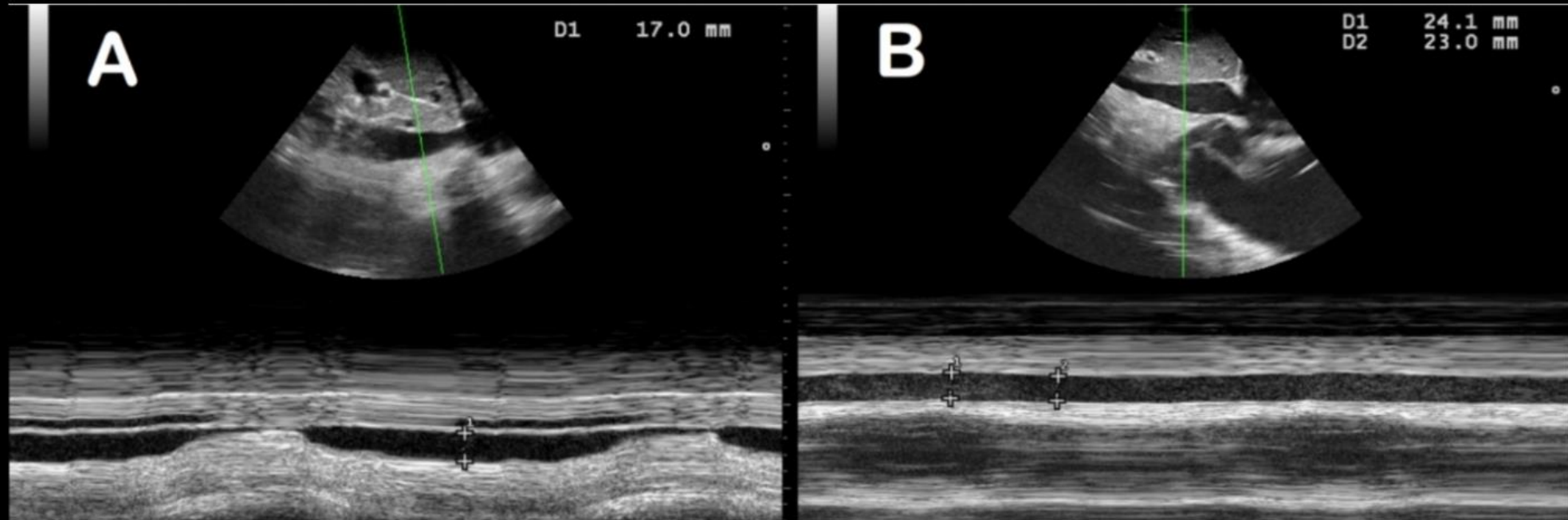
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6. Vista Vena Cava Inferior



Sonosemiología Cardíaca

6. Vista Vena Cava Inferior



IVC Size	IVC Collapsibility	Interpretation (CVP)
< 1.5cm	>50% collapsibility	0-5 mm Hg (Low CVP)
< 1.5-2.5cm	>50% collapsibility	6-10 mm Hg
1.5-2.5cm	<50% collapsibility	11-15 mm Hg
>2.5cm	<50% collapsibility	16-20 mm Hg (High CVP)