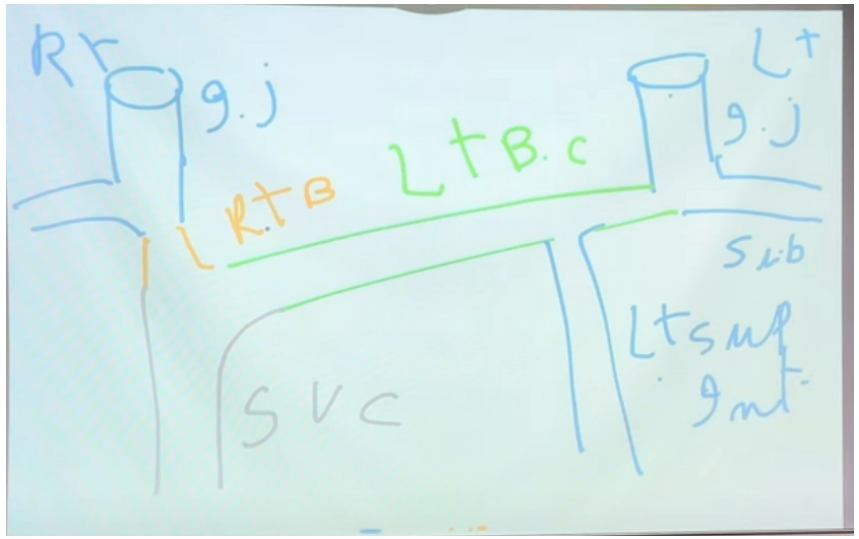
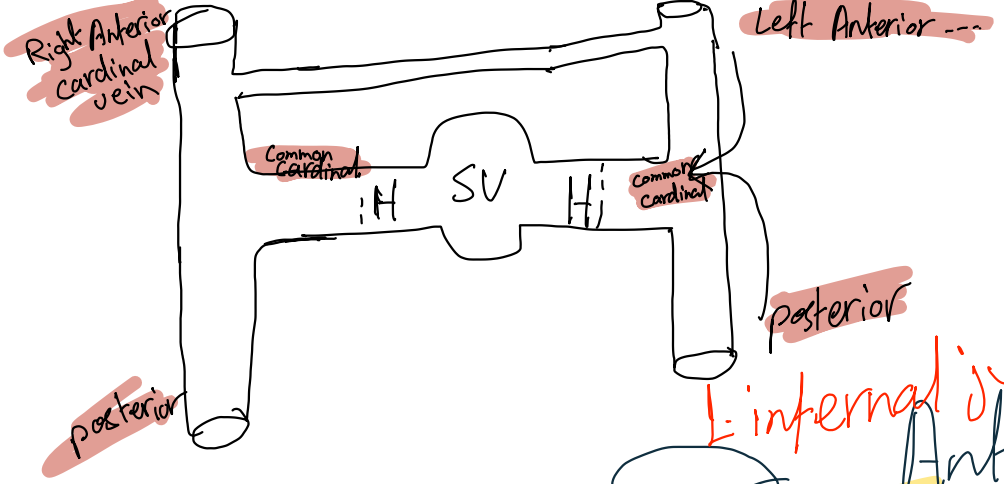




L. internal jugular vein

Left Anterior cardinal

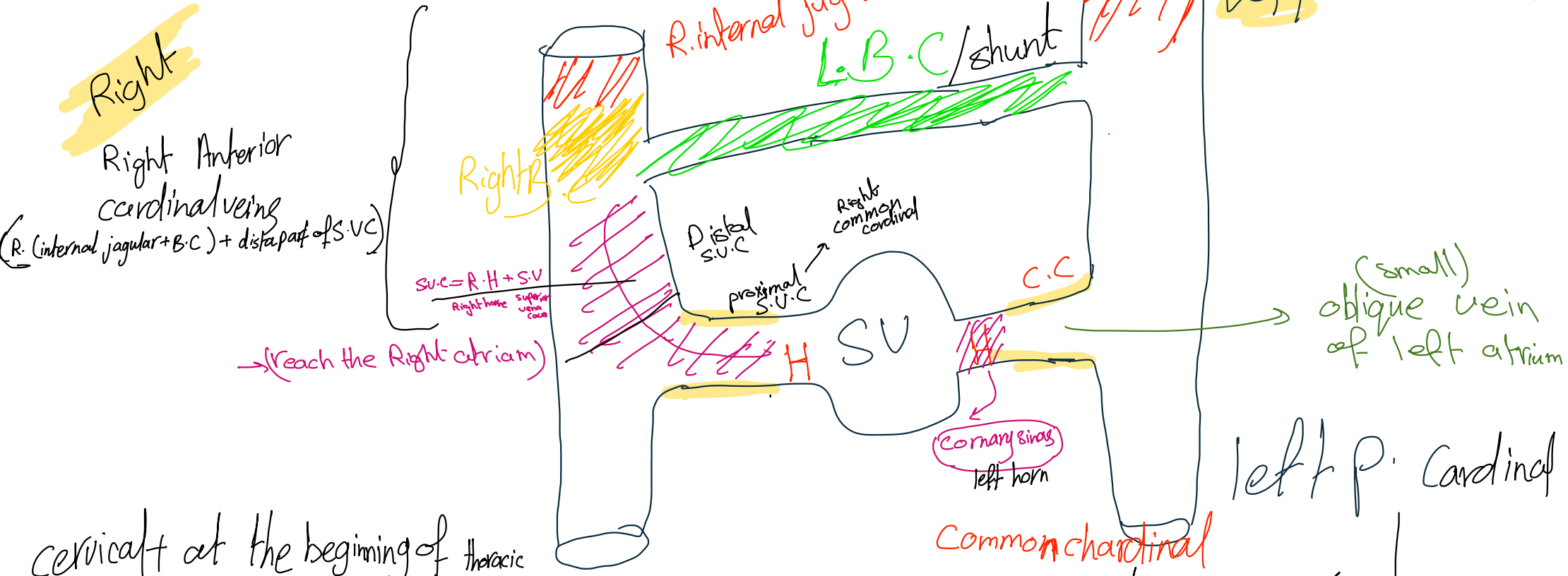
R. internal jugular vein

L.B.C/shunt

Right

Right Anterior cardinal vein

(R. (internal jugular + B.C) + distal part of S.V.C)

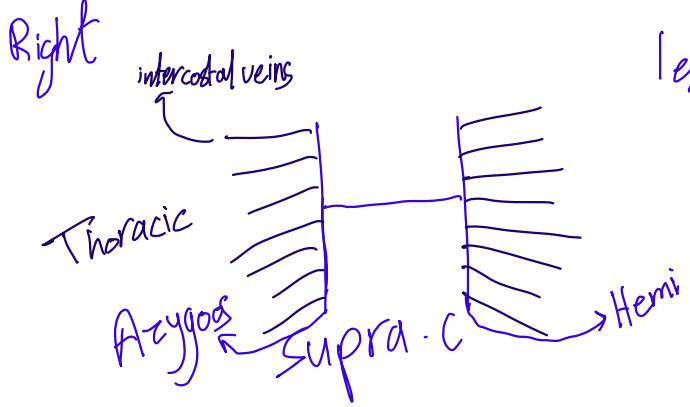


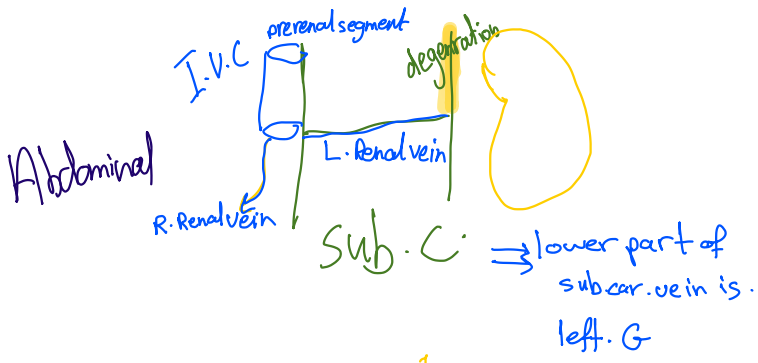
left P. Cardinal

Common cardinal

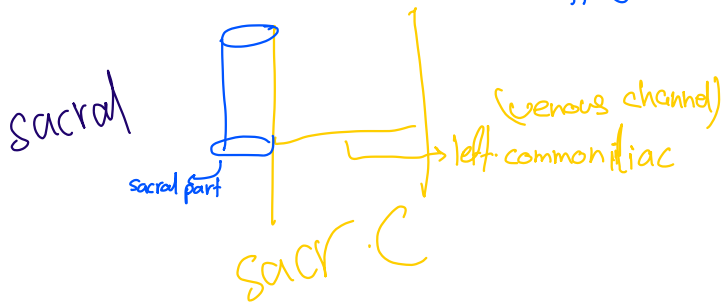
cervical at the beginning of thoracic

undergo degenration and become veins which drain on left B.C → left superior intercostal





⇒ lower part of sub.car.vein is. left. G



I.V.C : consist of 5 parts
but in this lec. we talk about 3
in the above, this is one of them.

Renal segment: formed from an anastomosis between the subcardinal and supr cardinal veins
Postrenal : supra cardinal
pre " : subcardinal

additional

There are 3 veins attached to S.V:

vitelline yolk sac / gut — we talk about below:

umbilical placenta

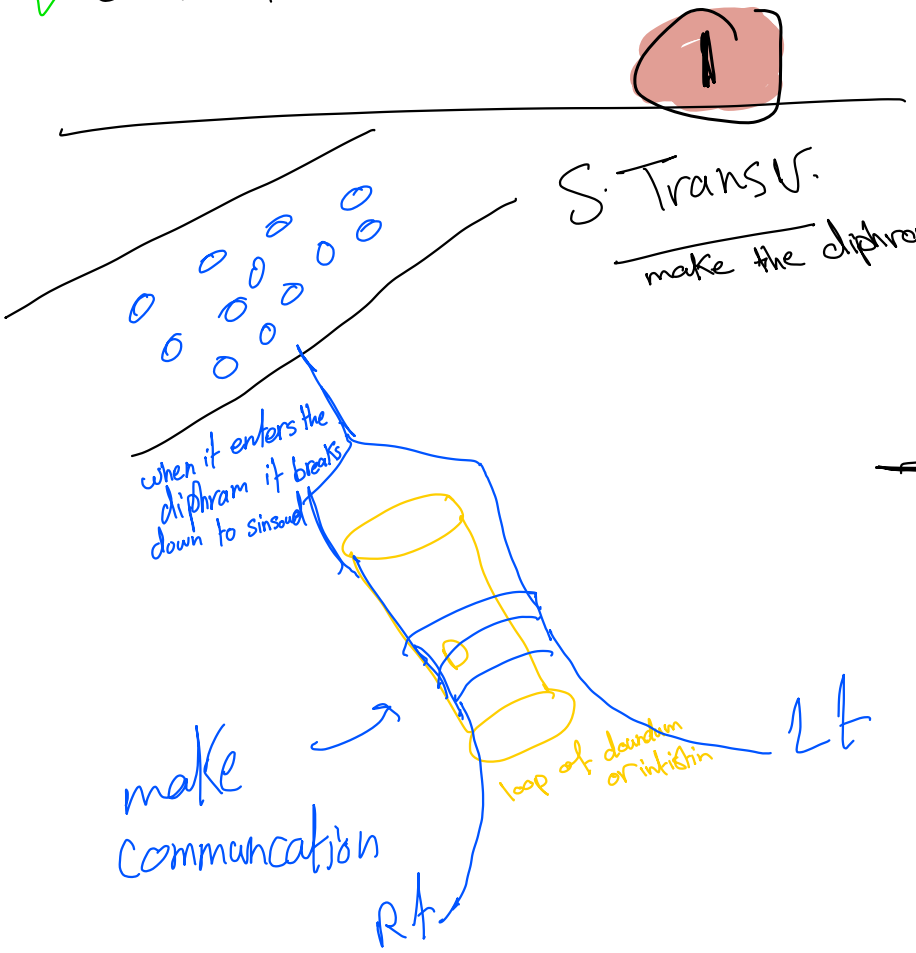
✓ cardinal

I.V.C

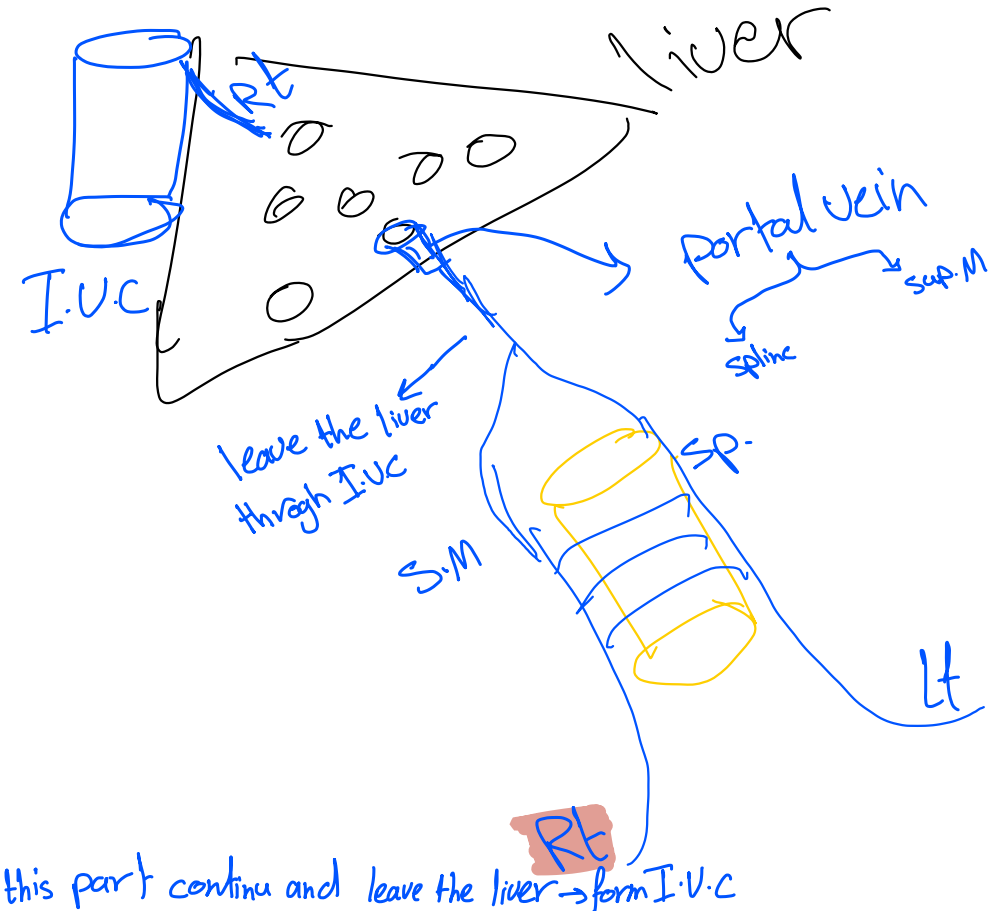
heptic part: Rt vitlline

Renal part: Rt sub. cardinal

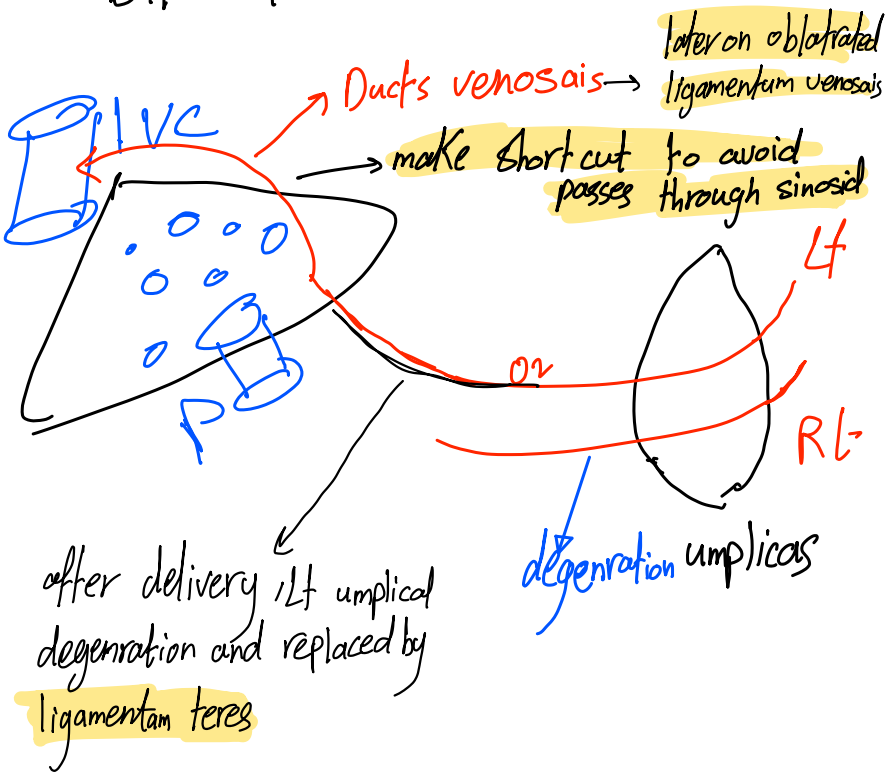
sacral part: Rt sacro. cardinal



liver orginate in S. Trans V. area 2



umbilical vein



III) Changes in the circulation after birth :

A) Immediate changes :

1) **Establishment of pulmonary circulation:** Immediately after birth, respiration starts and lungs expand.

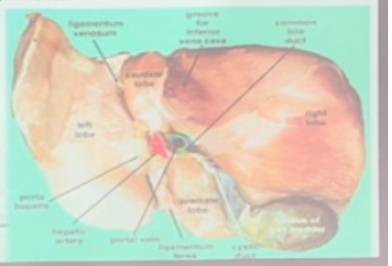
2) **Functional closure of the foramen ovale:** Closure of foramen ovale occurs as a result of firm apposition of septum primum to septum secundum due to:

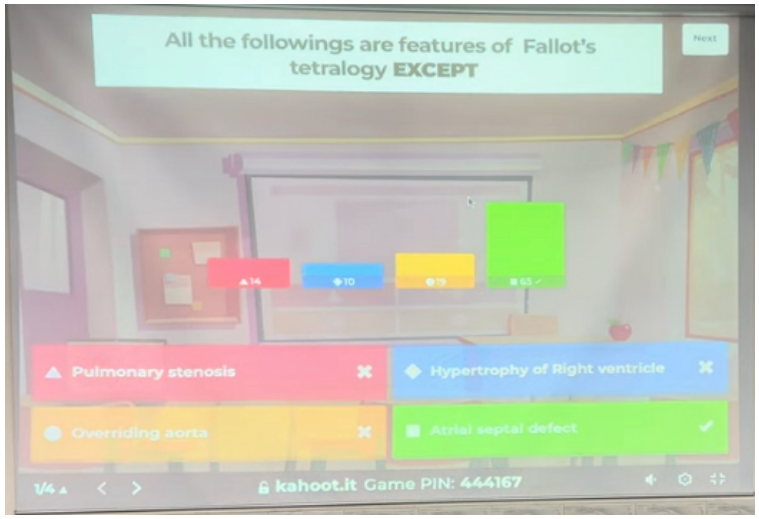
- Increased pressure inside left atrium (due to establishment of the pulmonary circulation).
- Decreased pressure inside the right atrium (due to arrest of the placental blood flow).

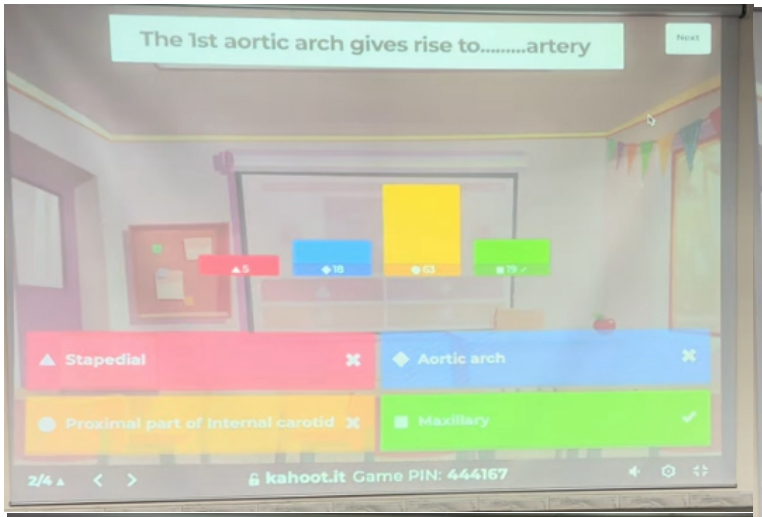
3) **Functional closure of ductus arteriosus** immediately after birth by contraction of its muscular wall.

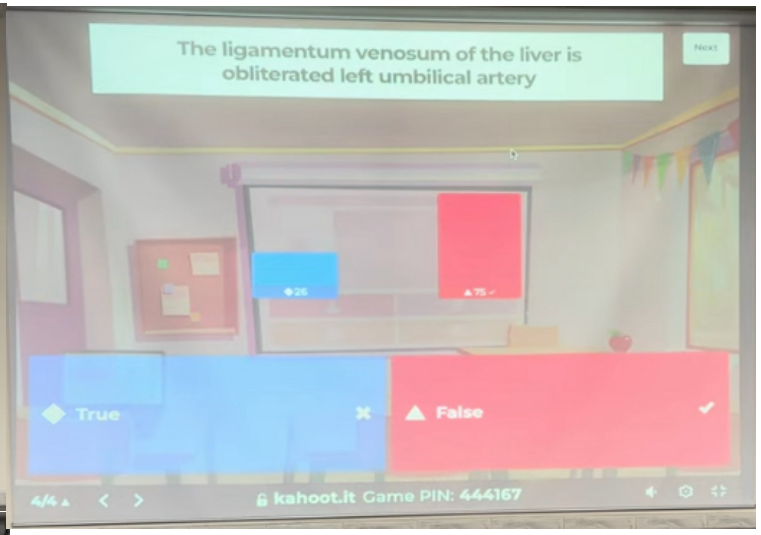
B) Late fibrotic changes :

1) **Left umbilical vein:** becomes the ligamentum teres of the liver.
2) **Ductus venosus:** becomes the ligamentum venosum of the liver.
3) **Ductus arteriosus:** becomes the ligament arteriosus.
4) **Distal part of umbilical arteries:** become the medial umbilical ligaments.




All the followings are features of Fallot's tetralogy EXCEPT
Next
Pulmonary stenosis
Hypertrophy of Right ventricle
Overriding aorta
Atrial septal defect
1/4
kahoot.it Game PIN: 444167


The 1st aortic arch gives rise to.....artery
Next
Stapedial
Aortic arch
Proximal part of internal carotid
Maxillary
2/4
kahoot.it Game PIN: 444167


The ligamentum venosum of the liver is obliterated left umbilical artery
Next
True
False
4/4
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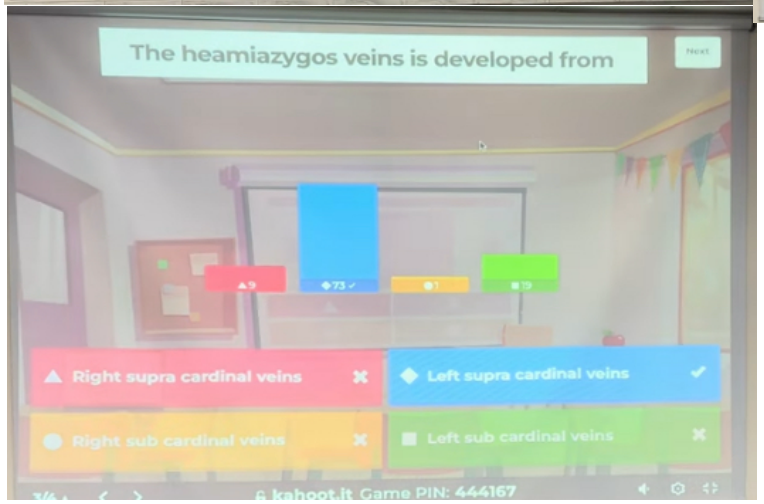
The heamiazygos veins is developed from
Next
Right supra cardinal veins
Left supra cardinal veins
Right sub cardinal veins
Left sub cardinal veins
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