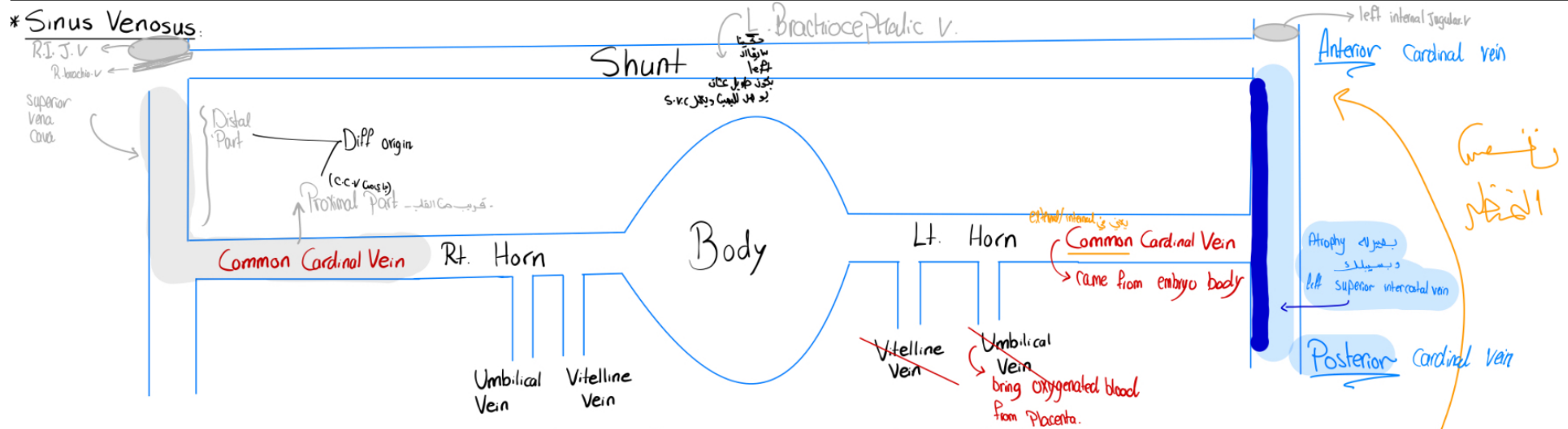


\* Sinus Venosus:

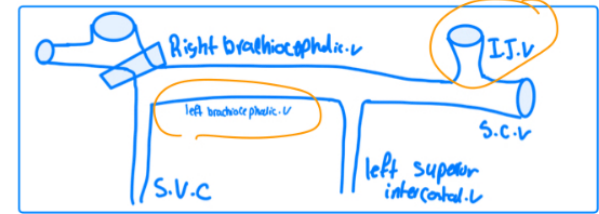


- Sinus venosus consists of:

- A body
- Each body has two horns (Rt. + Lt.)
- Each horn receives 3 veins:
  1. Vitelline
  2. Umbilical
  3. Common Cardinal

- The left horn loses connection with the vitelline and umbilical veins and becomes smaller and atrophied, forming the

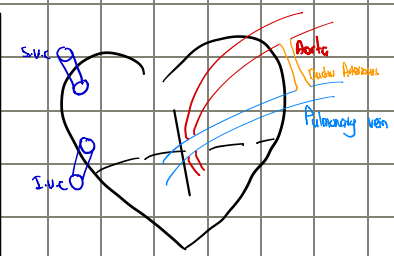
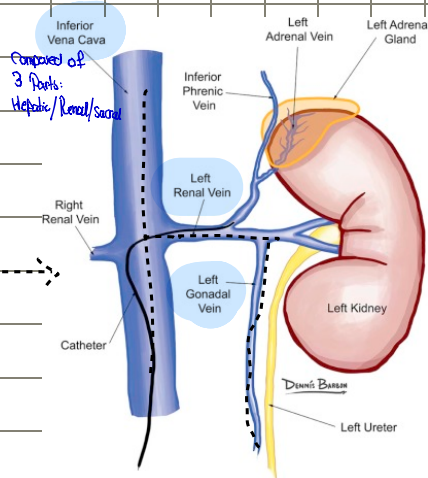
## Coronary sinus



| vein                           | origin of vein          |
|--------------------------------|-------------------------|
| Left internal Jugular v        | Left Anterior Cardinal  |
| Right internal Jugular v       | Right Anterior Cardinal |
| Left Brachiocephalic v         | Pain shunt              |
| Right Brachiocephalic v        | Right Anterior Cardinal |
| Superior vena cava             | Right Common Carotid    |
| Coronary sinus                 | Right Anterior Cardinal |
| oblique vein of left Atrium    | left horn               |
| Left superior intercostal vein | left common Cardinal    |
|                                | left Posterior Cardinal |

👉 السايد من ملف زميلتنا هند الوحيدى بس خفت كم معلومة

كَلَامُ اللَّهِ إِلَهُ أَنْتَ سُبْحَانَكَ إِنِّي كُنْتُ مِنَ الظَّالِمِينَ



|   |       |             |   |
|---|-------|-------------|---|
| { | Petal | Circulation | } |
|---|-------|-------------|---|

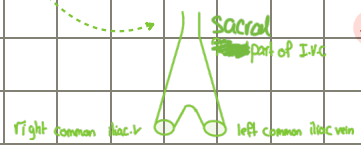
- I.V.C carry oxygenated blood and end on front of Pararenal aorta  $\rightarrow$  L.A  $\rightarrow$  L.V  $\rightarrow$  Aorta.
- S.V.C carry mixed blood - mainly deoxygenated blood  $\rightarrow$  directly to R.V  $\rightarrow$  Pulmonary A  $\rightarrow$  ductus Arteriosus  $\rightarrow$  Aorta

\* مهم بعد الولادة : الدالة الشغلة - فتح شغل الدم للولادة عبر Aorta (pulmonary circulation)

- Closure of Foramen ovale

- |    |                                                                                                           |  |  |  |  |  |
|----|-----------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| •  | 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 <u>umbilical ligaments</u> .                         |  |  |  |  |  |
|    | <u>not</u> <u>ductus</u>                                                                                  |  |  |  |  |  |

\* Superior/Inferior vena cava  $\Rightarrow$  Right side  
med



→ I.V.C Parts :-

|         |                                      |
|---------|--------------------------------------|
| Hepatic | → From <u>Right</u> <u>vein</u>      |
| Renal   | → From <u>Right</u> <u>subcostal</u> |
| sacral  | → From <u>Right</u> <u>sacral</u>    |

