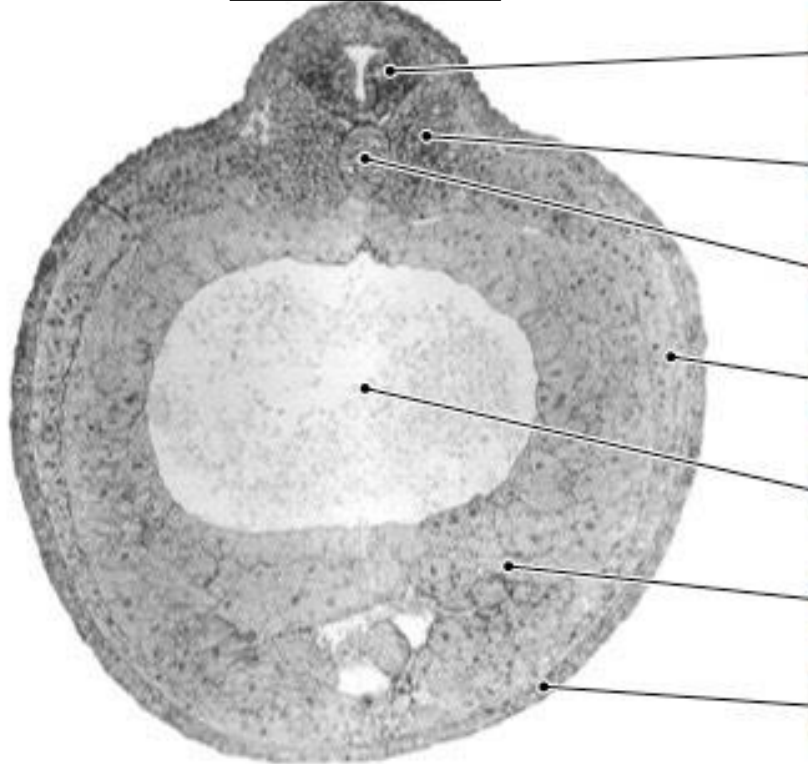


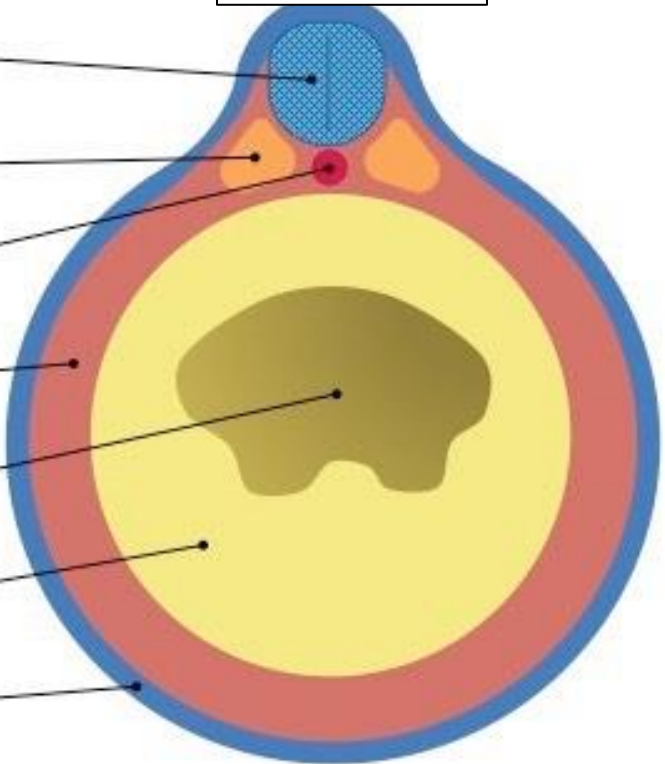
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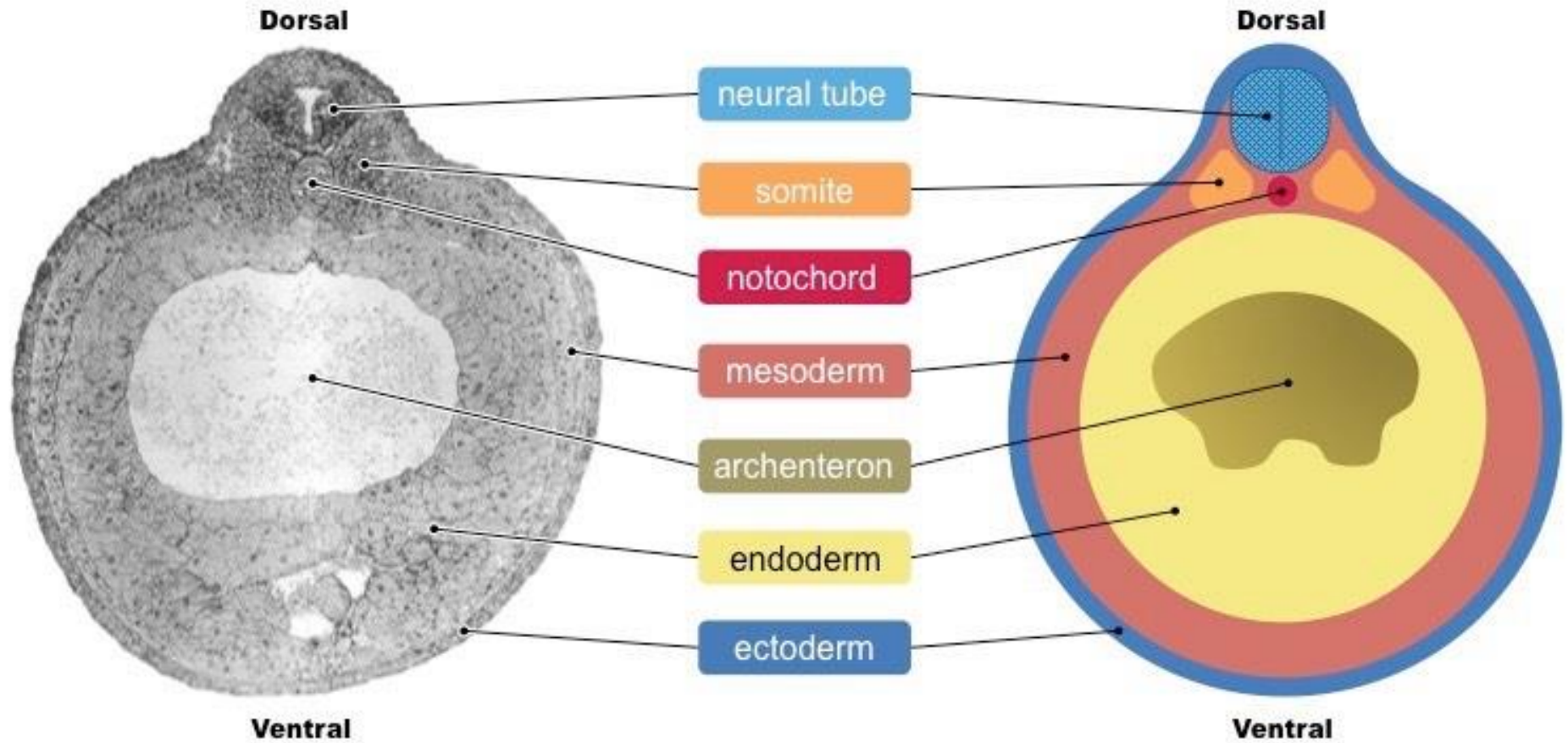
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Transverse cross-section of a *Xenopus* embryo (left: micrograph ; right: schematic)



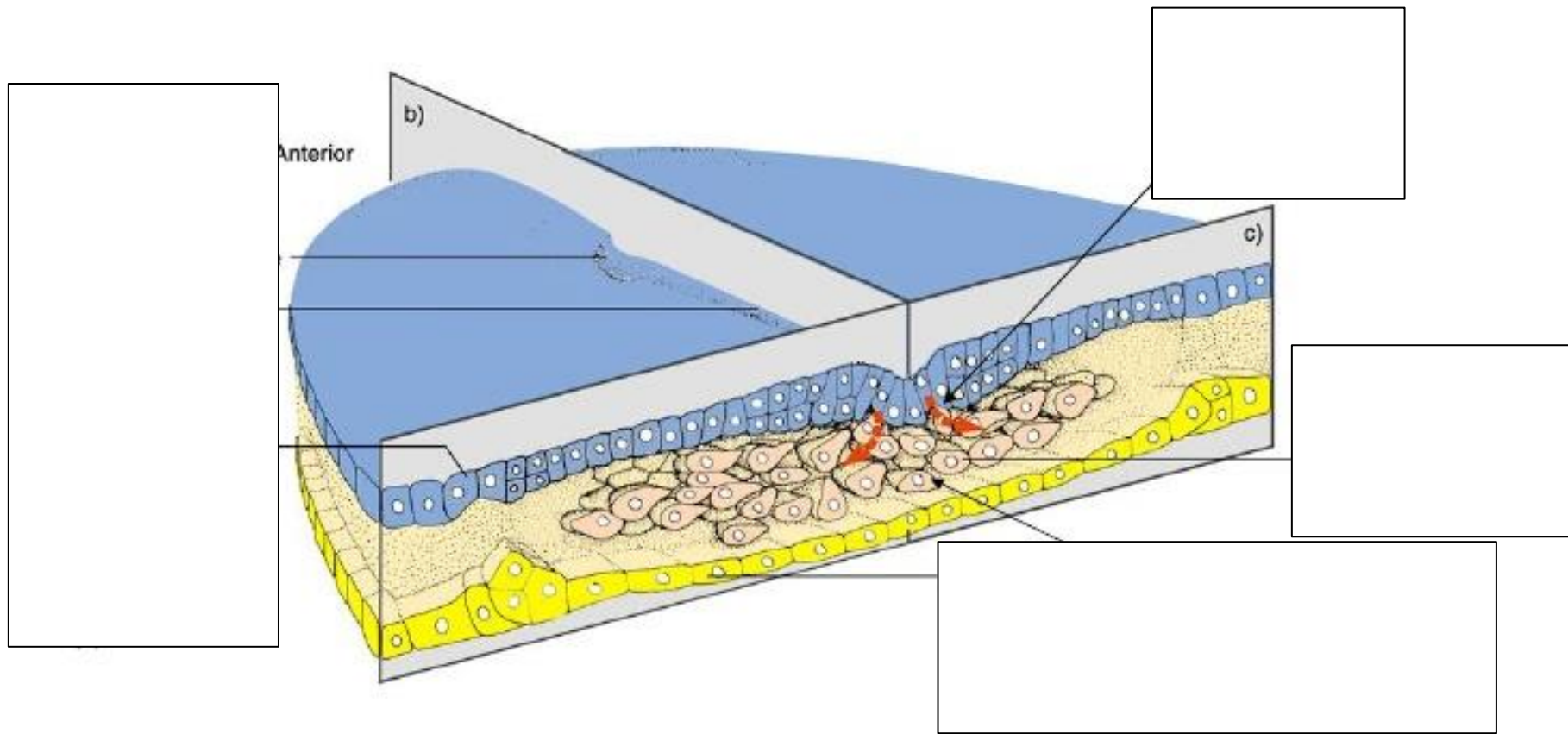


Figure 10.24

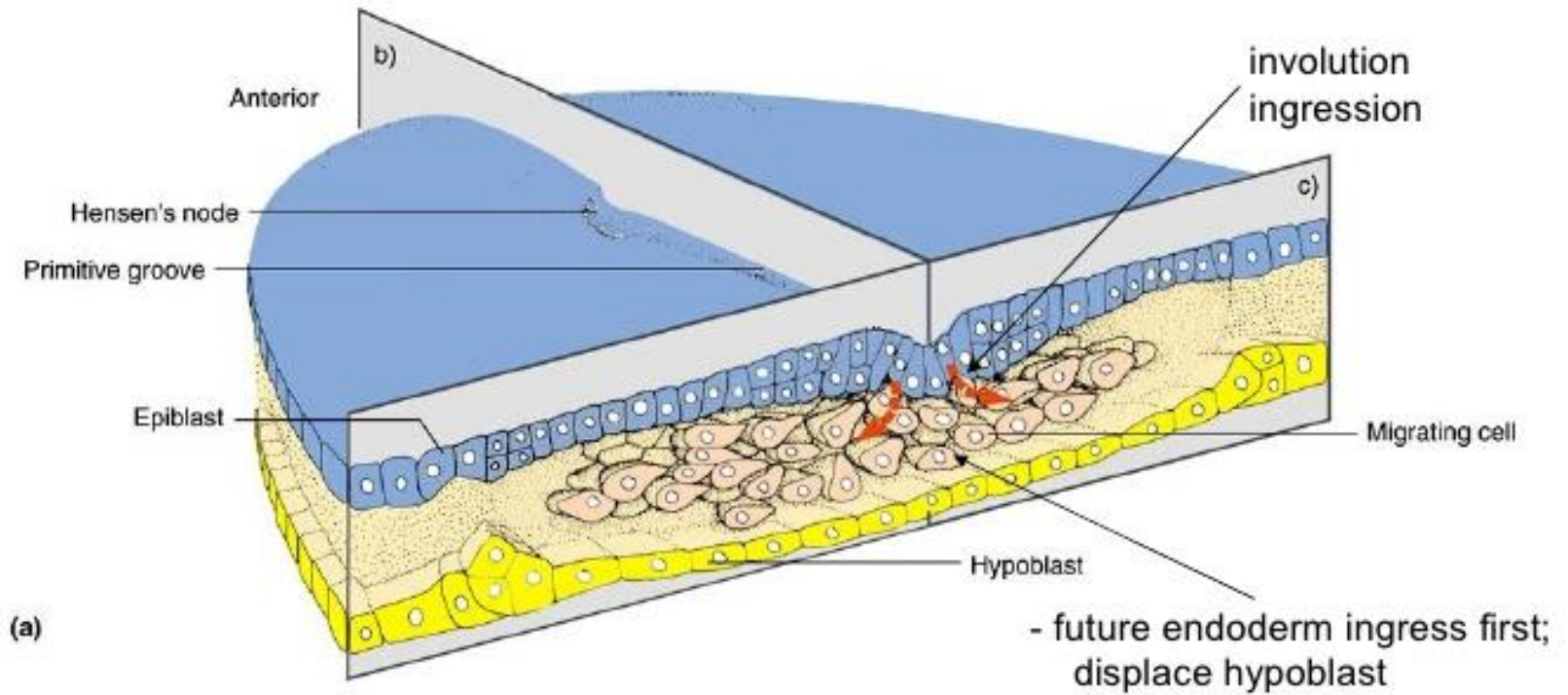
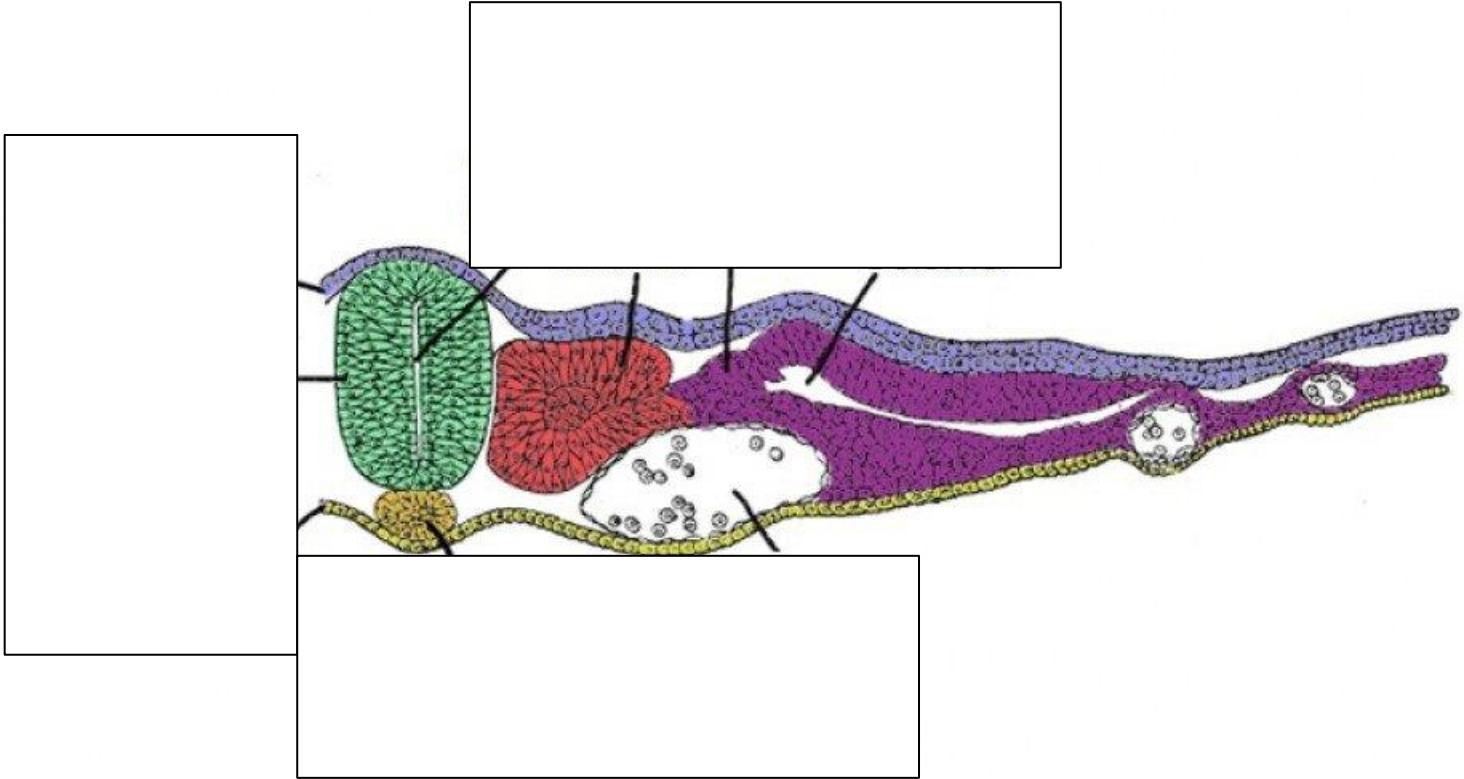
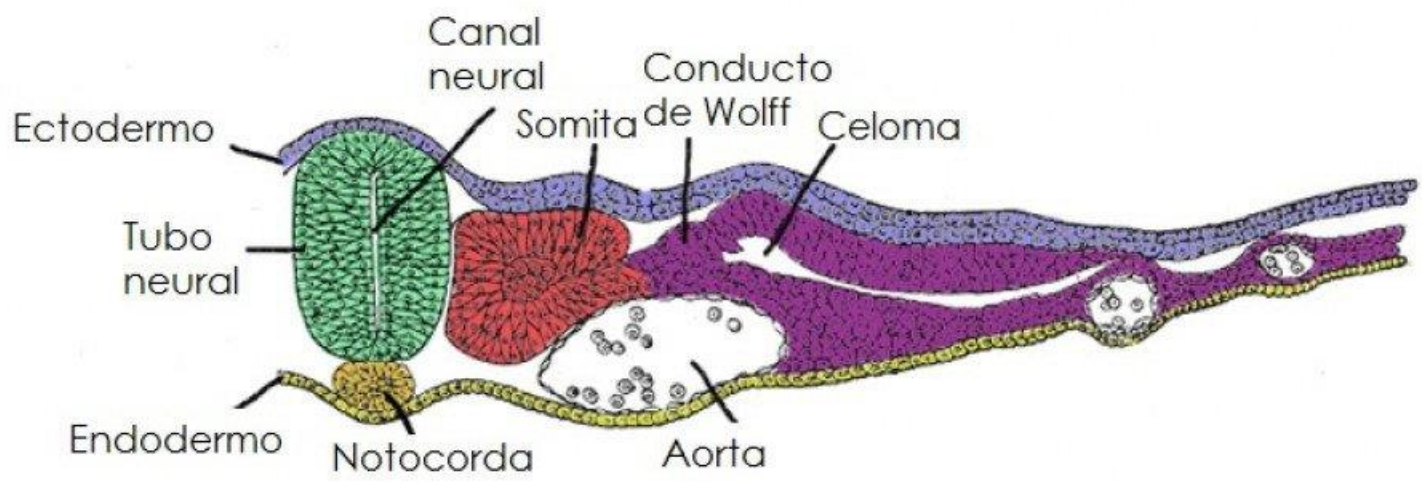
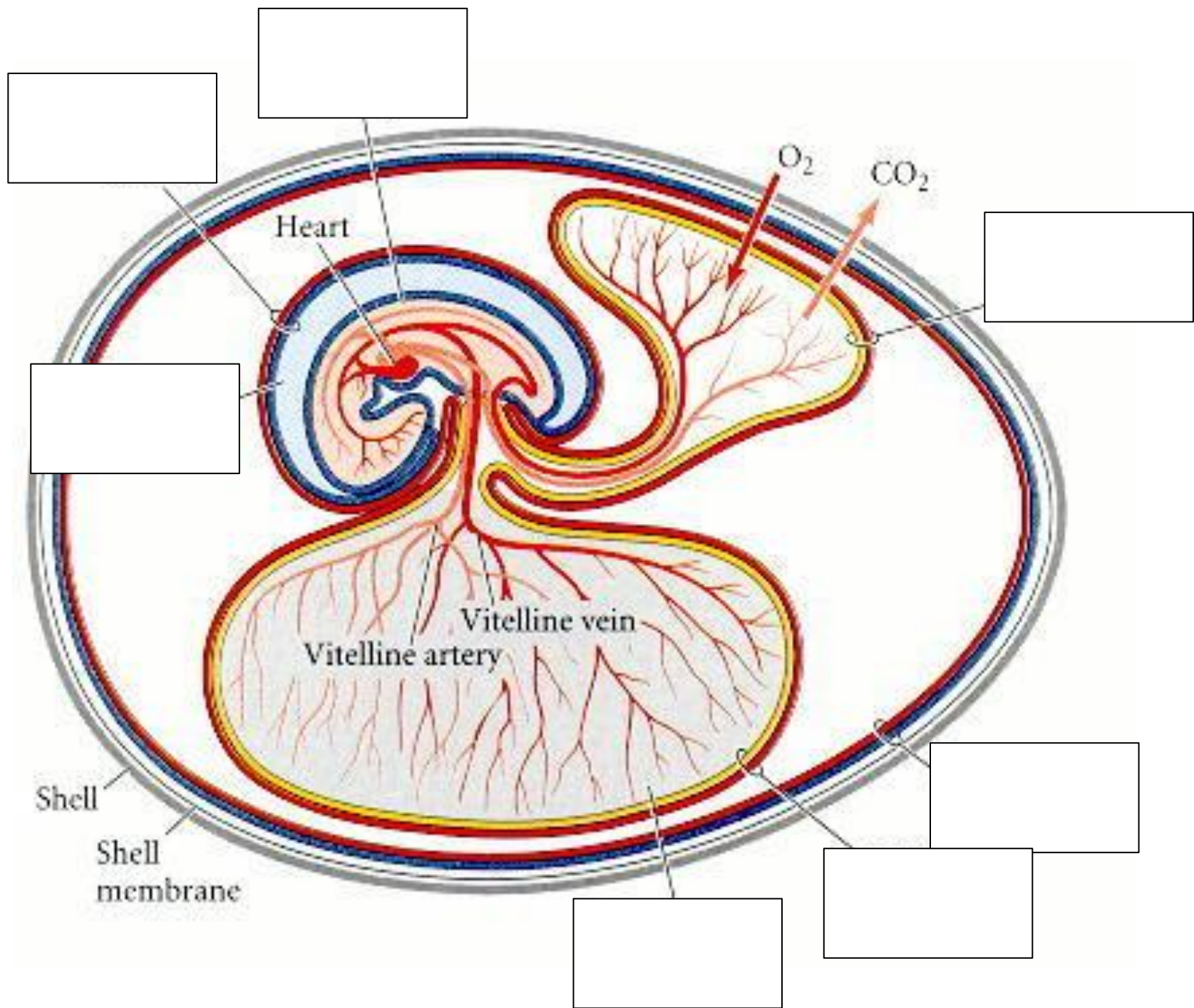
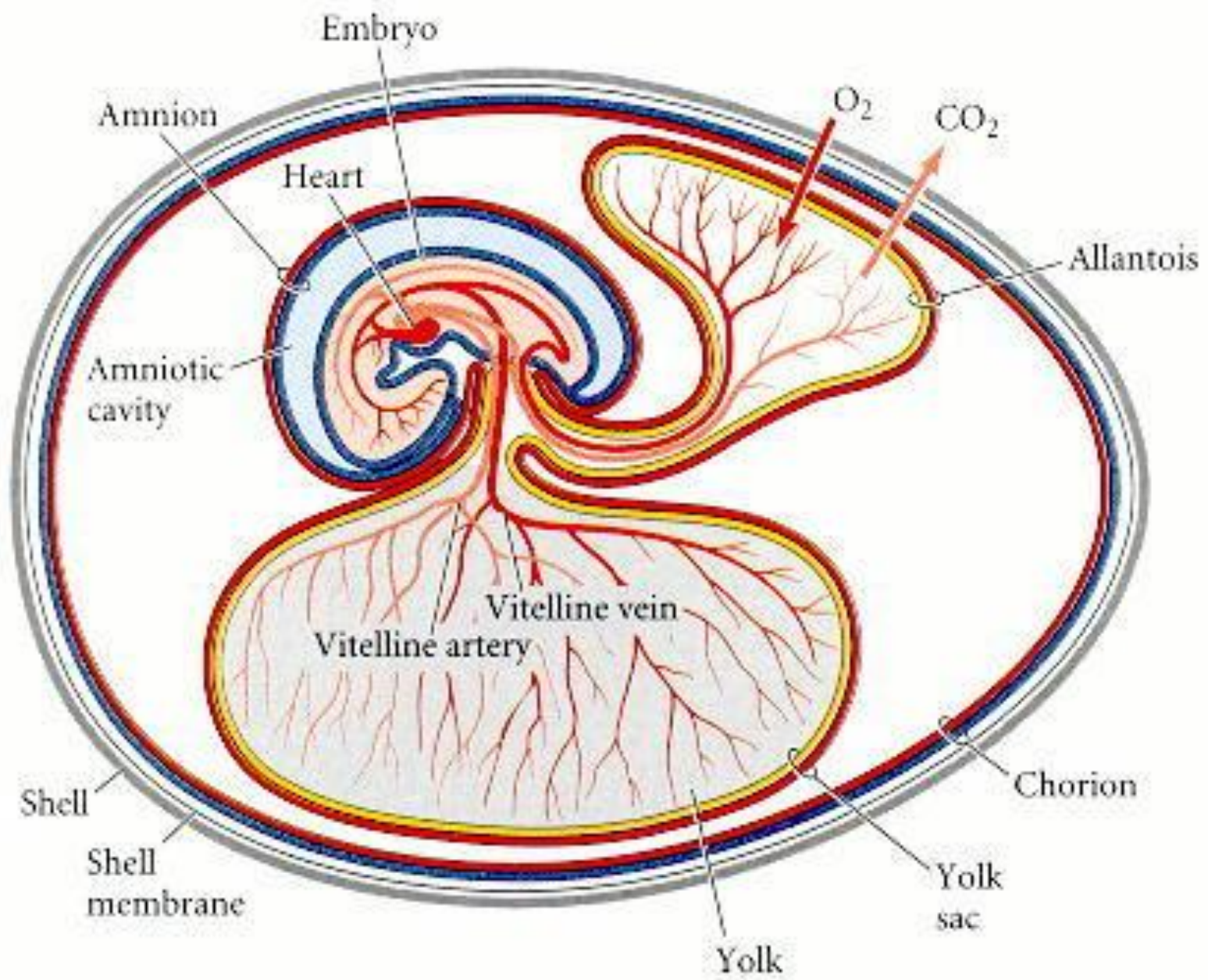


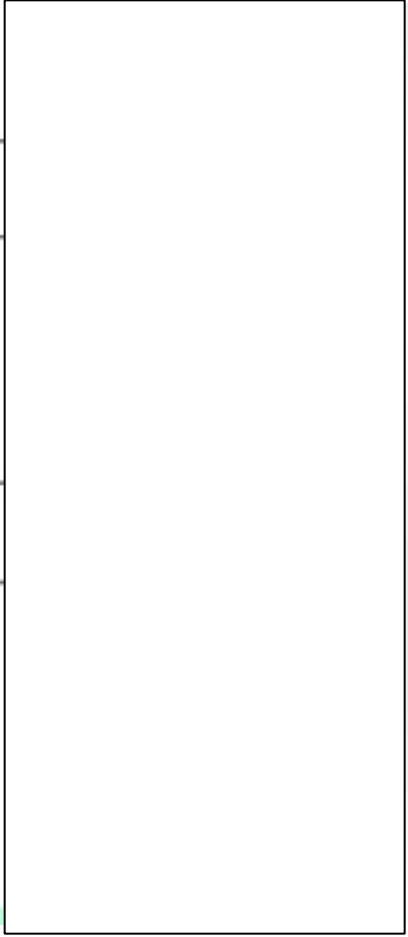
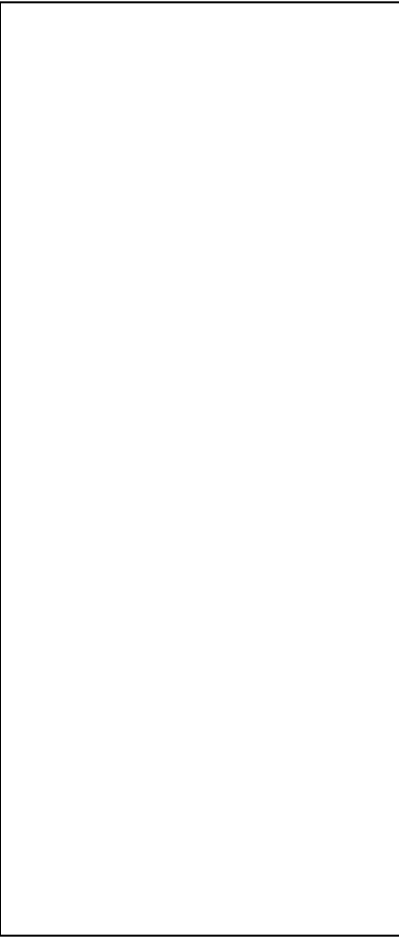
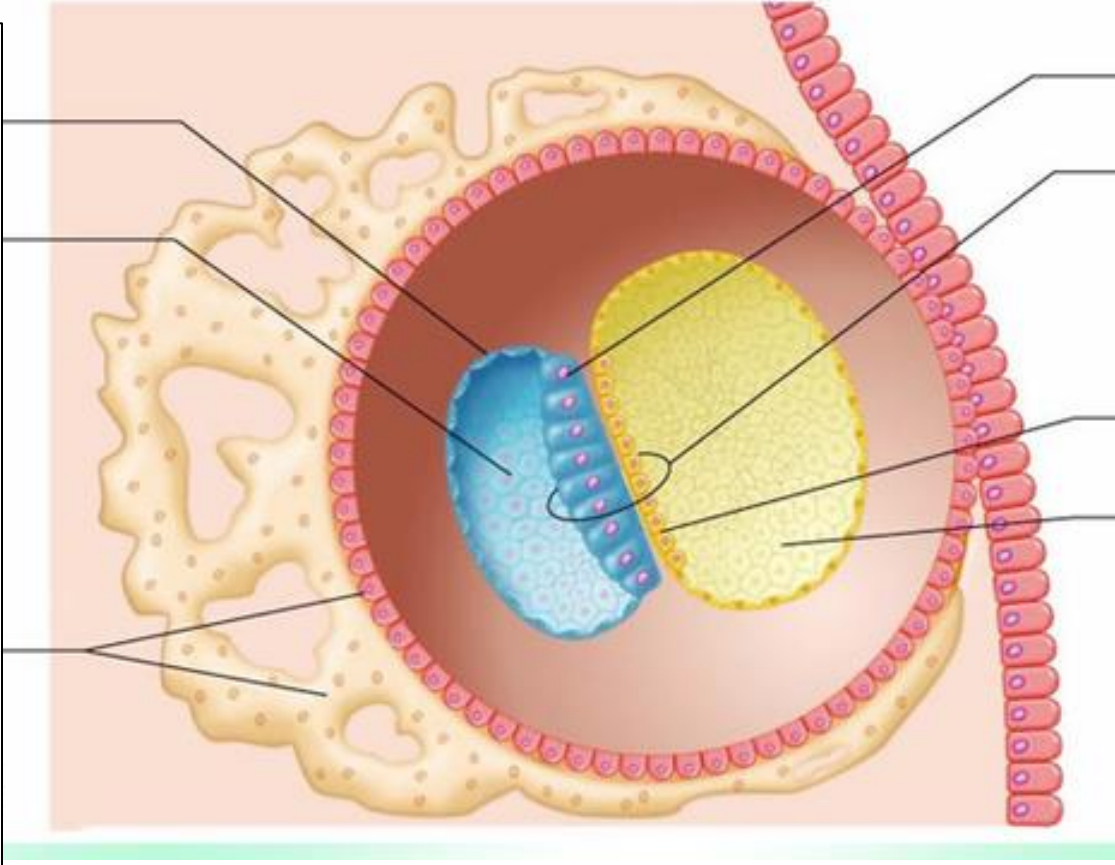
Figure 10.24





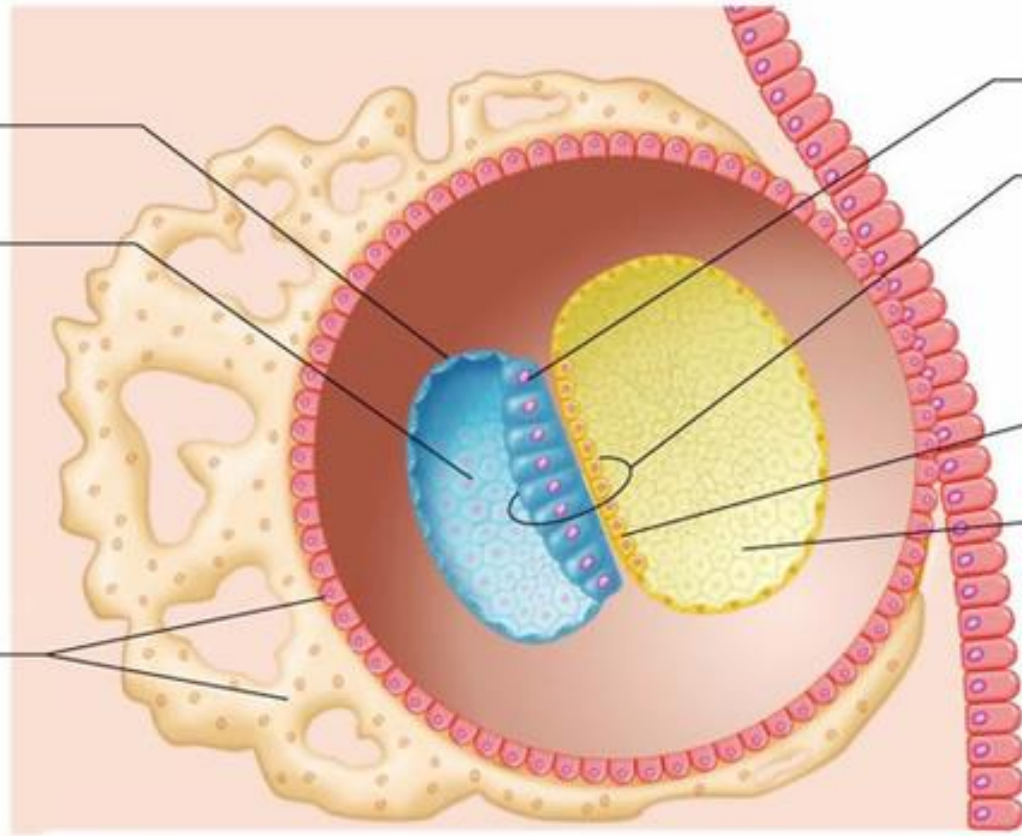




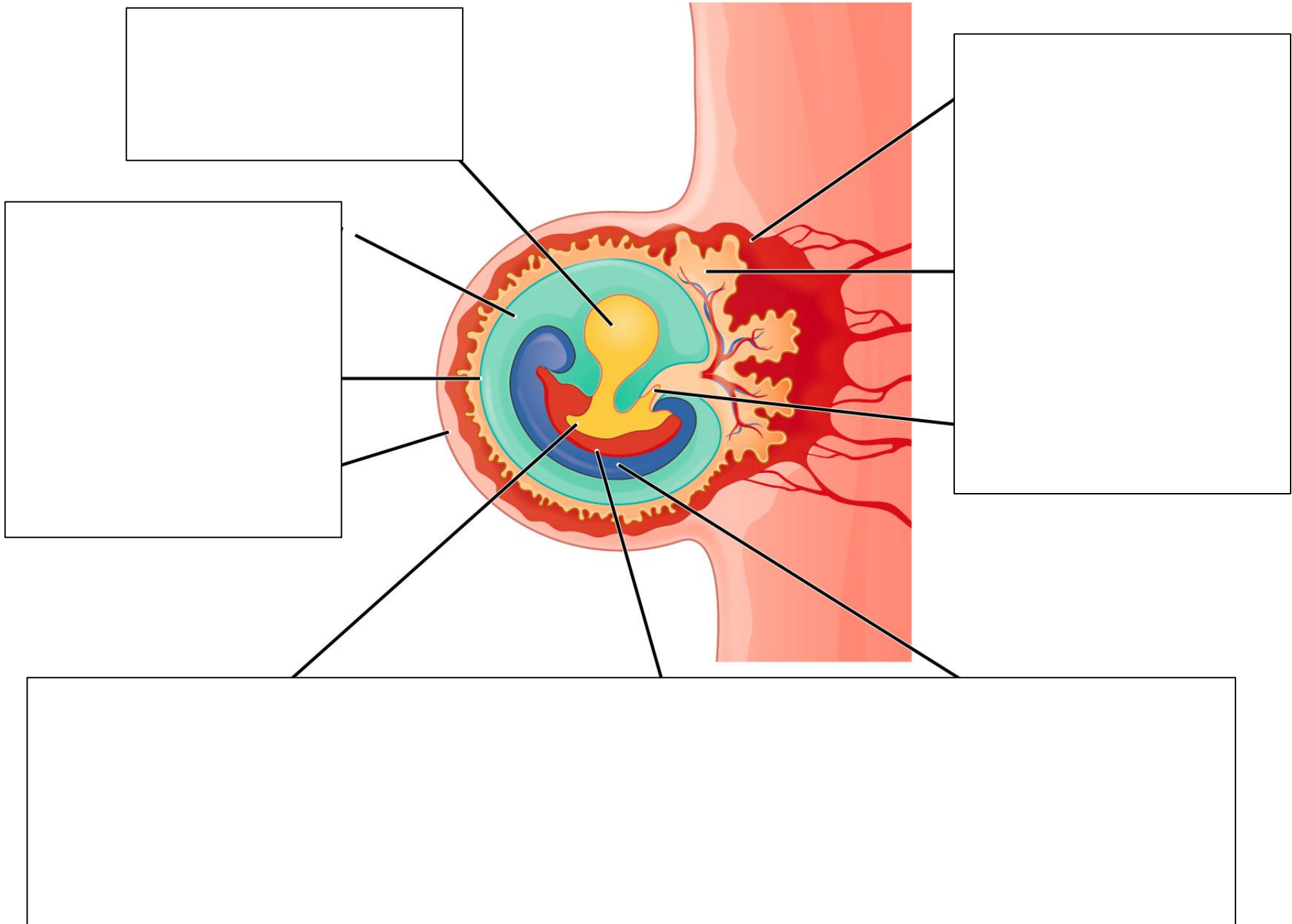


(e) Day 11

Amnion
Amniotic sac cavity
Layers from trophoblast



Epiblast
Bilaminar embryonic disc
Hypoblast
Yolk sac cavity



Yolk sac
(lined with endoderm)

Amniotic cavity
containing
amniotic fluid

Amnion

Endometrium

Maternal
blood pool

Chorion (derived
from blastocyst
cavity membrane)

Allantois

**Endoderm layer
becomes:**

- 1) Digestive system
- 2) Liver
- 3) Pancreas
- 4) Lungs (inner layers)

**Mesoderm layer
becomes:**

- 1) Circulatory system
- 2) Lungs (epithelial layers)
- 3) Skeletal system
- 4) Muscular system

**Ectoderm layer
becomes:**

- 1) Hair
- 2) Nails
- 3) Skin
- 4) Nervous system

