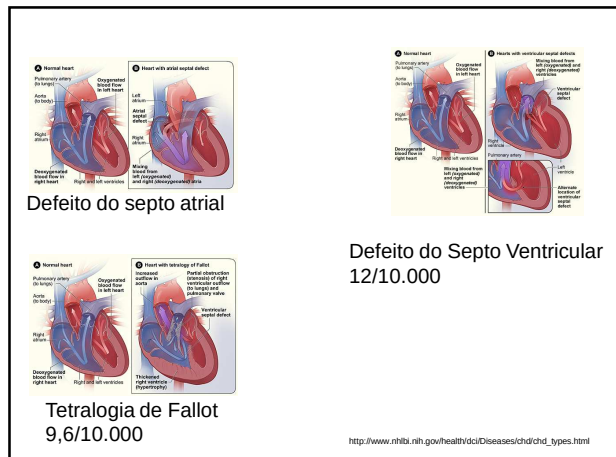


Malformações cardíacas congênitas:

8 em cada 1000 (0,8%)

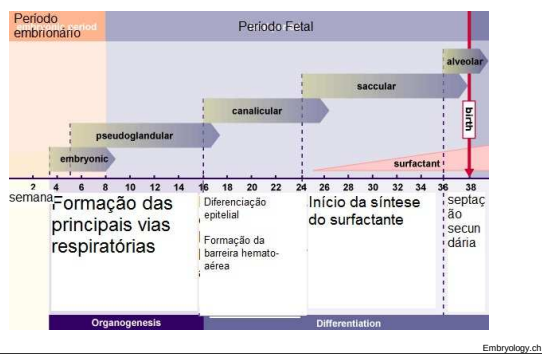
Brasil: 188.298.099 pessoas (censo 1996) = 1.506.384 casos

Grande São Paulo: 19 223 897 = 153.791 casos



DIFERENÇAS ENTRE FETAL E NEONATO

1. O PULMÃO não é funcional



DIFERENÇAS ENTRE FETAL E NEONATO

1. O PULMÃO não é funcional

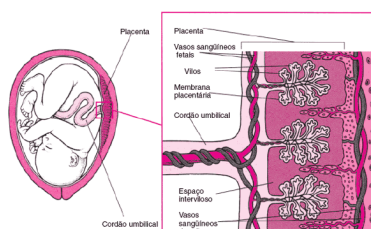
- a) Não oxigena
- b) Está colapsado. Recebe MENOS sangue

DIFERENÇAS ENTRE FETAL E NEONATO

1. O PULMÃO não é funcional

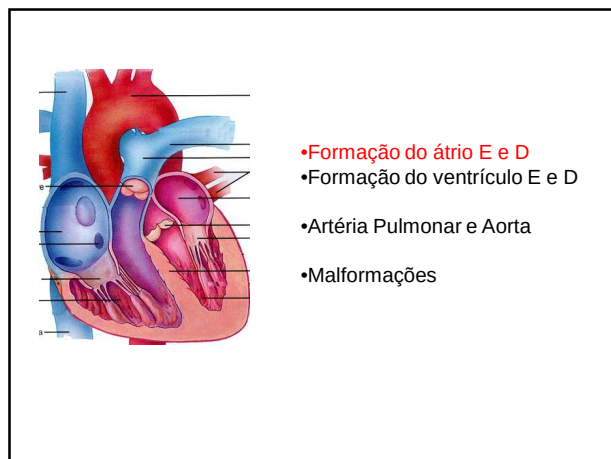
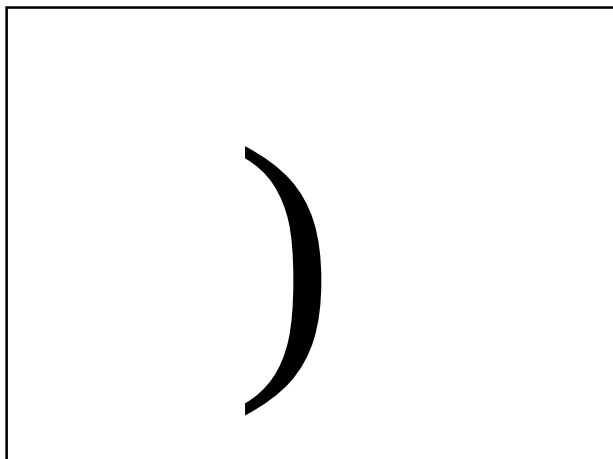
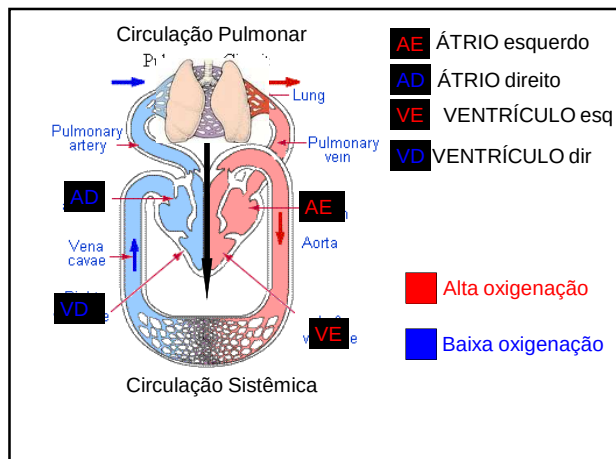
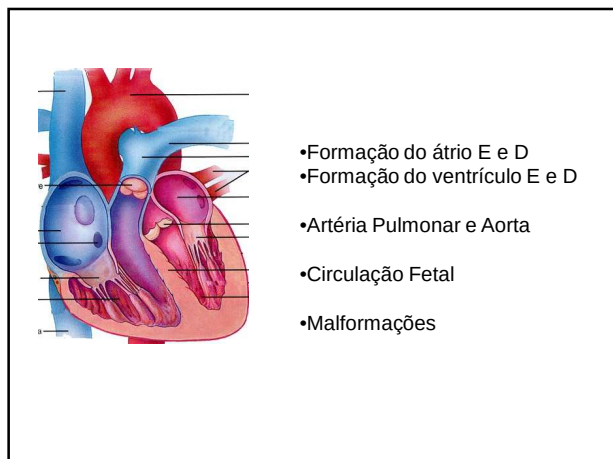
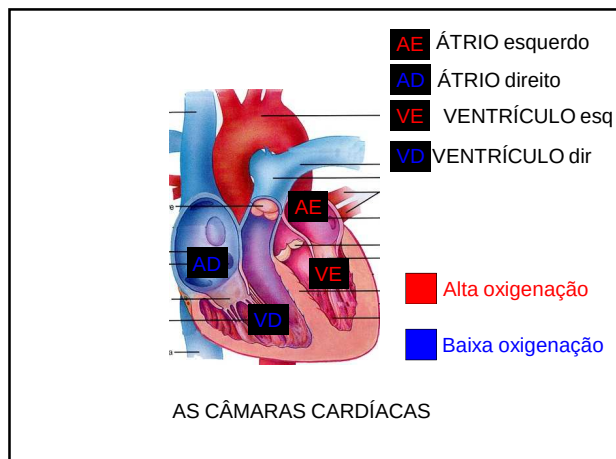
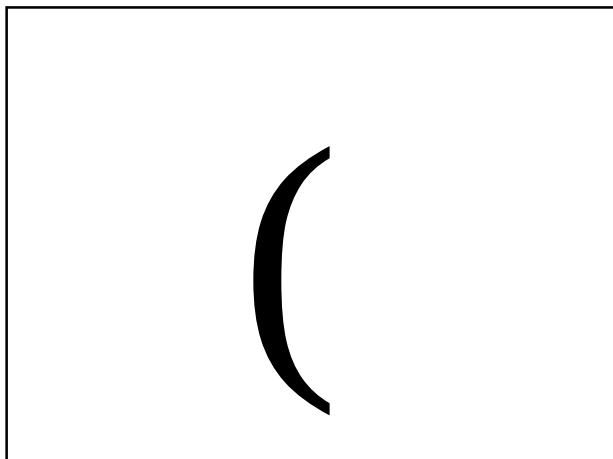
- a) Não oxigena
- b) Está colapsado. Recebe MENOS sangue

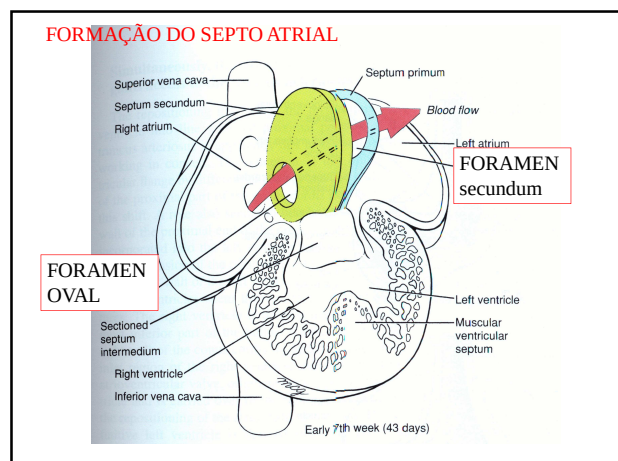
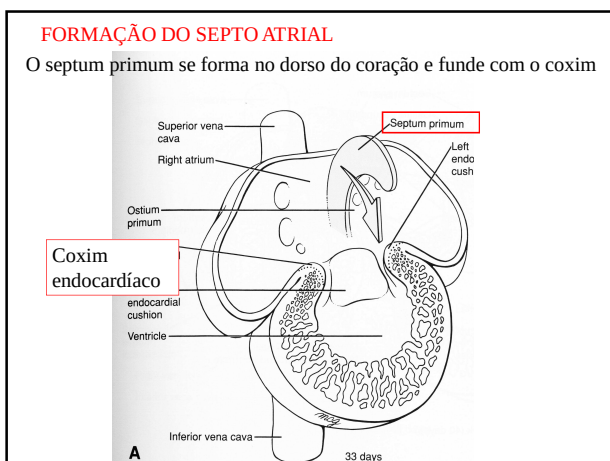
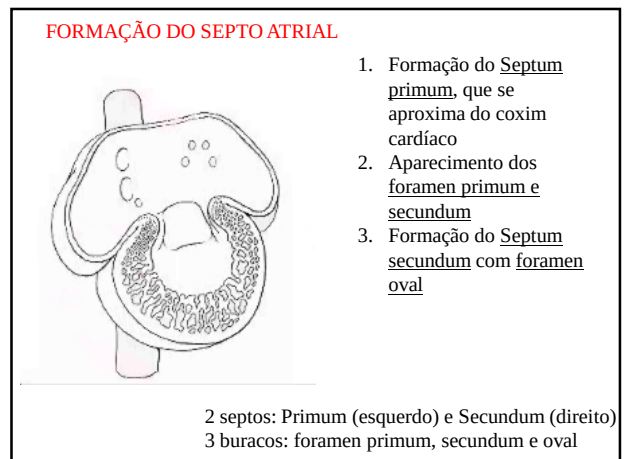
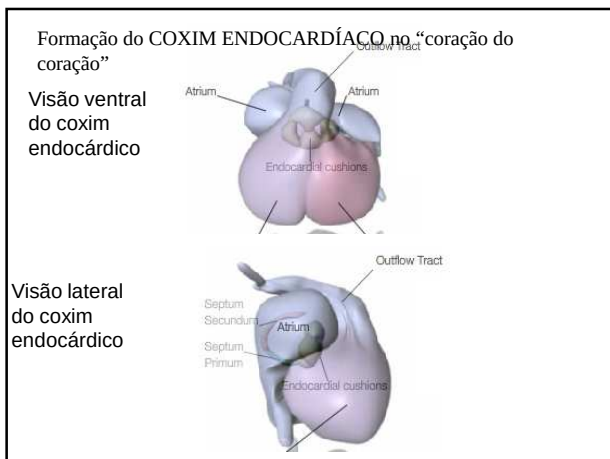
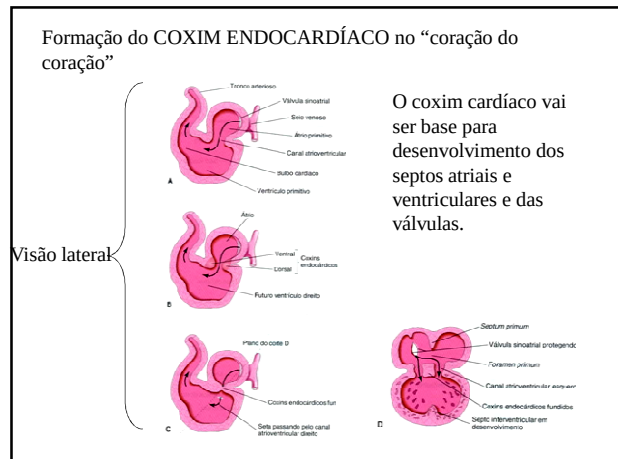
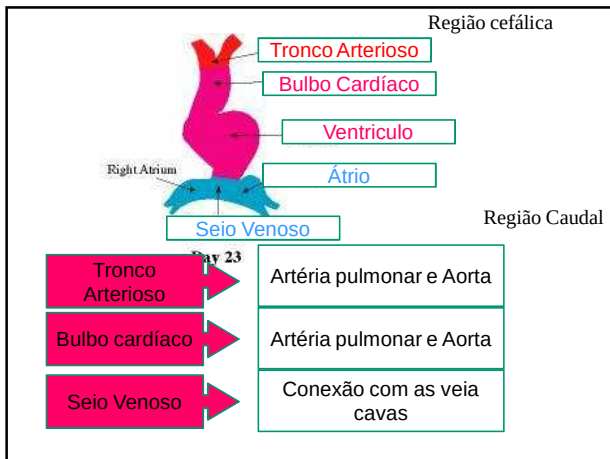
2. A PLACENTA

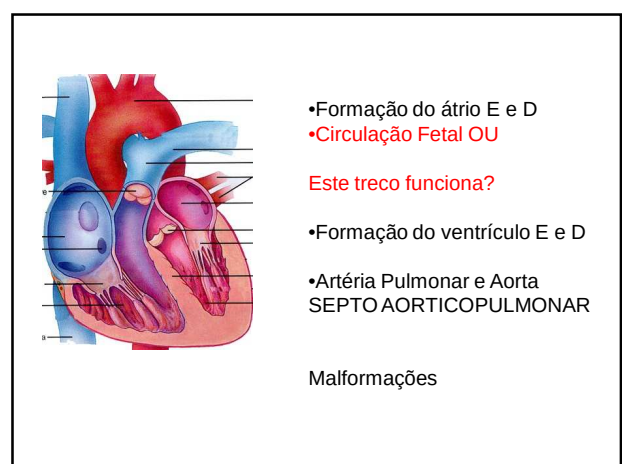
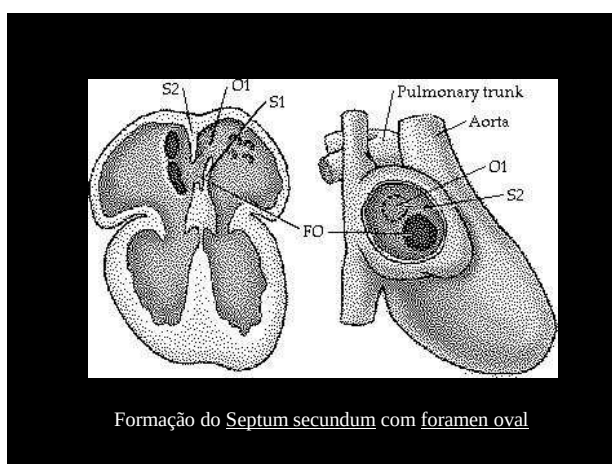
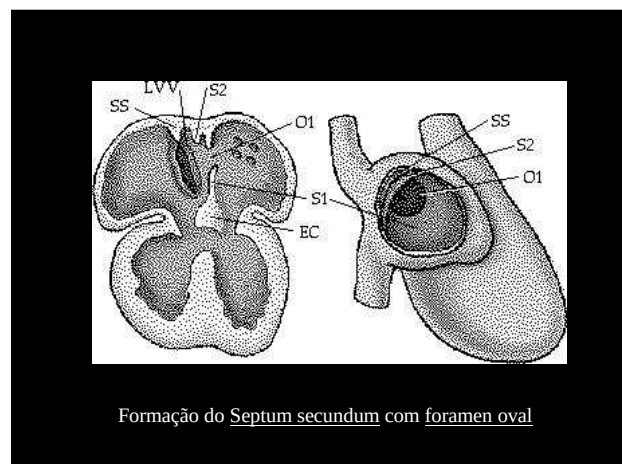
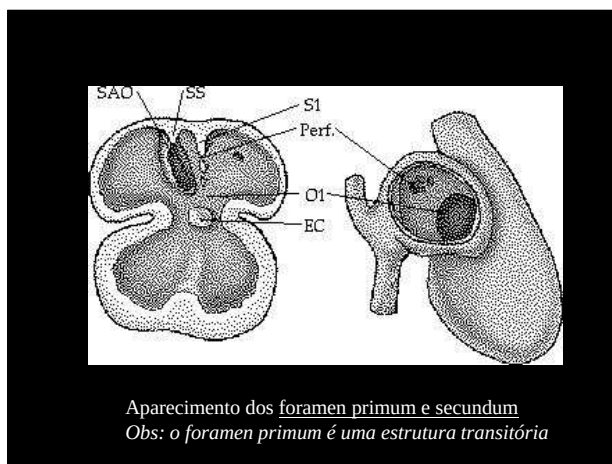
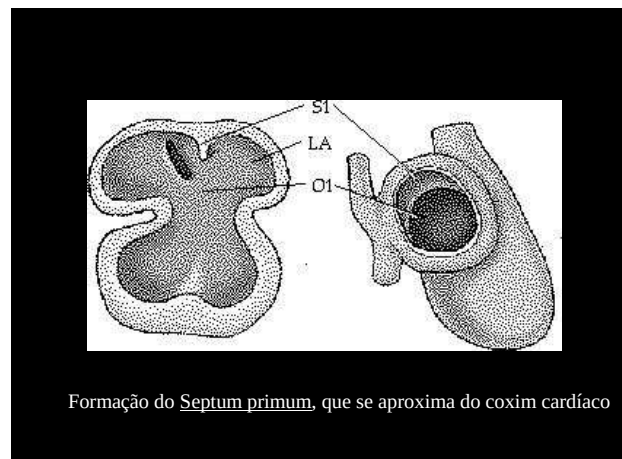
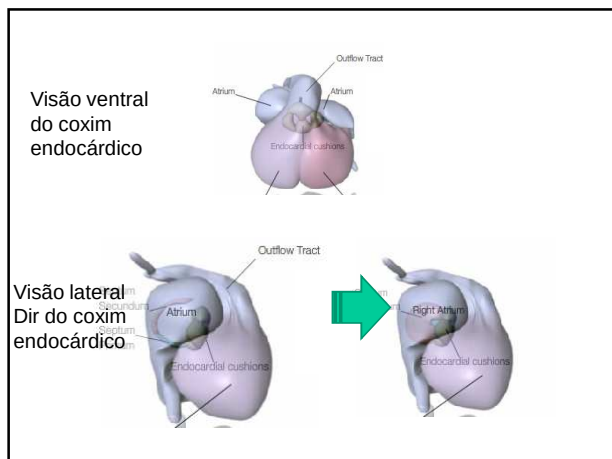


A placenta substitui a função do pulmão







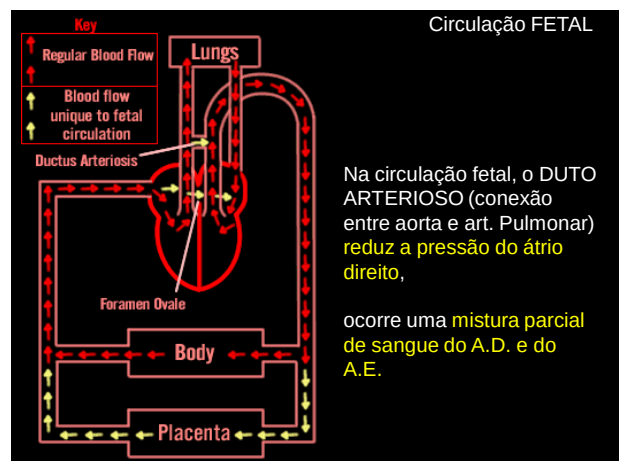
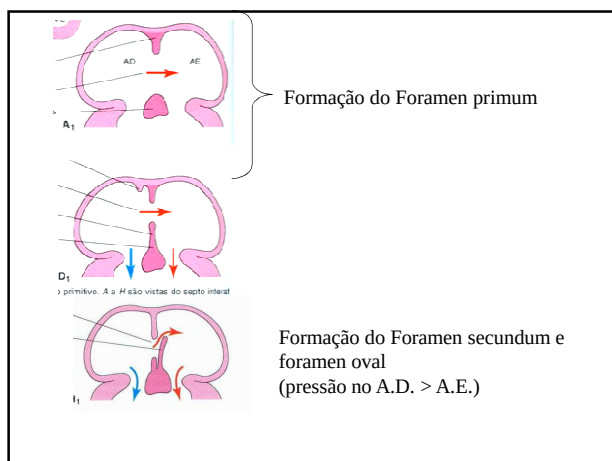
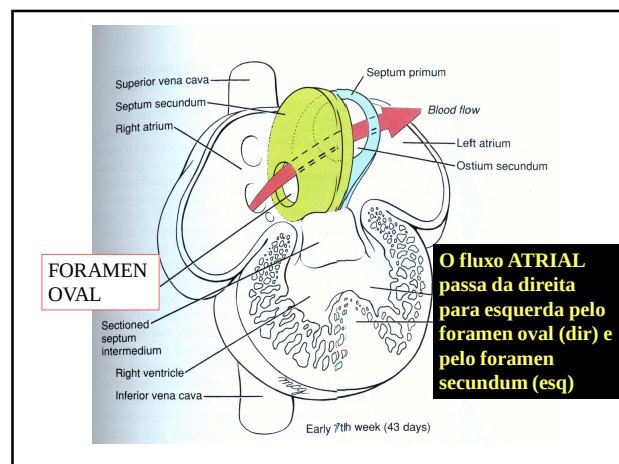
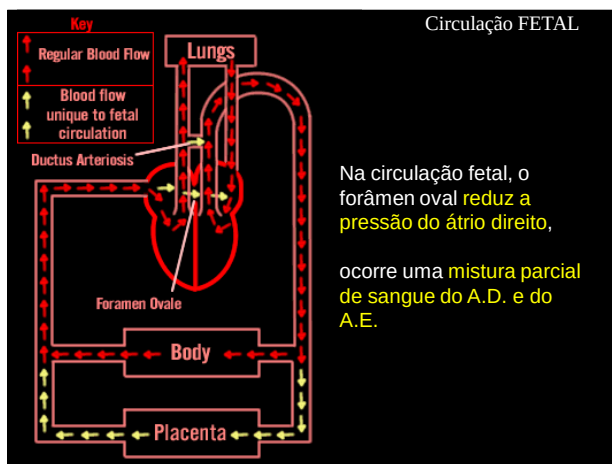
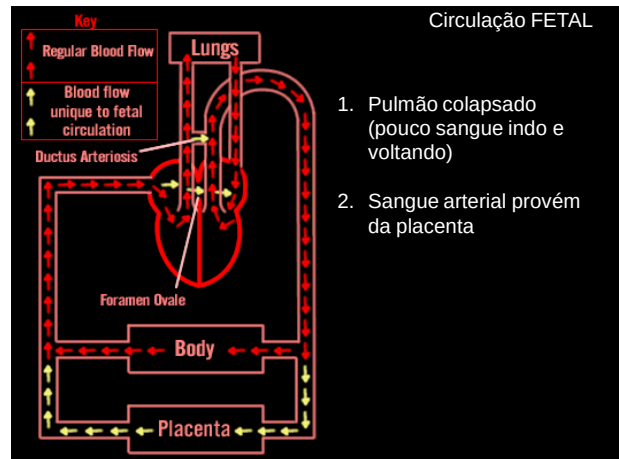


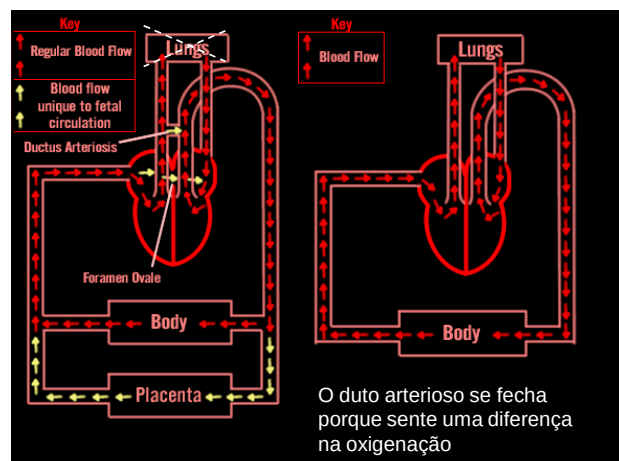
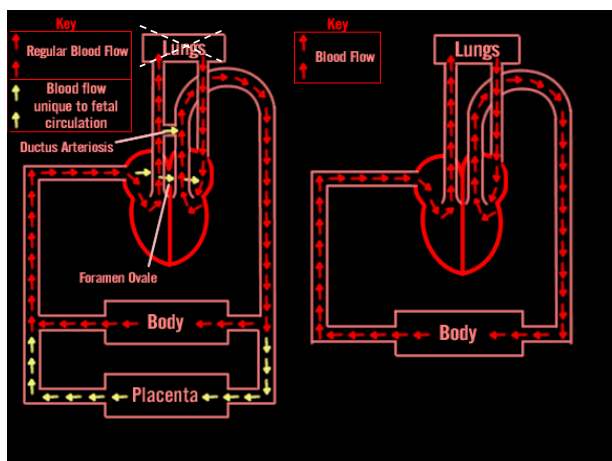
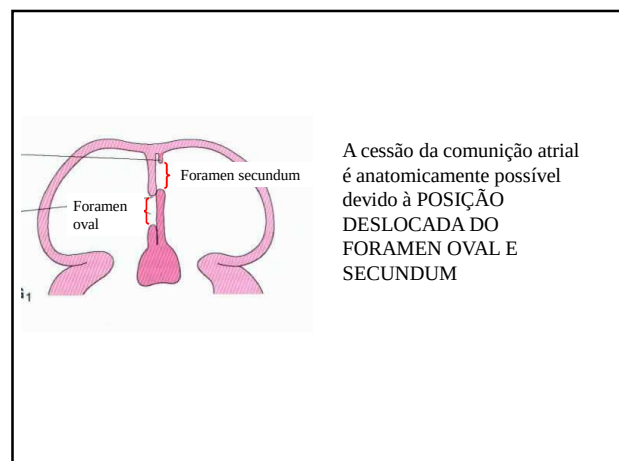
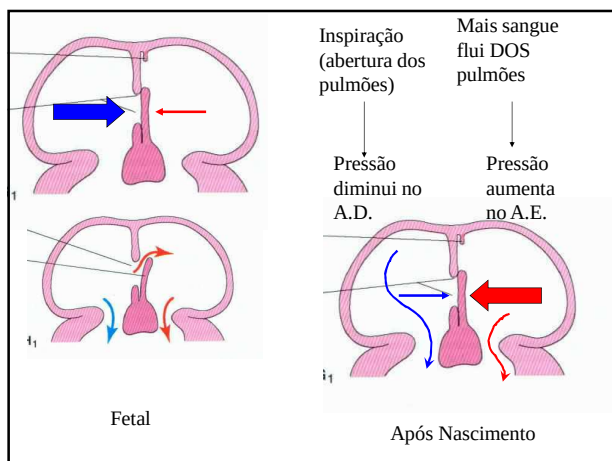
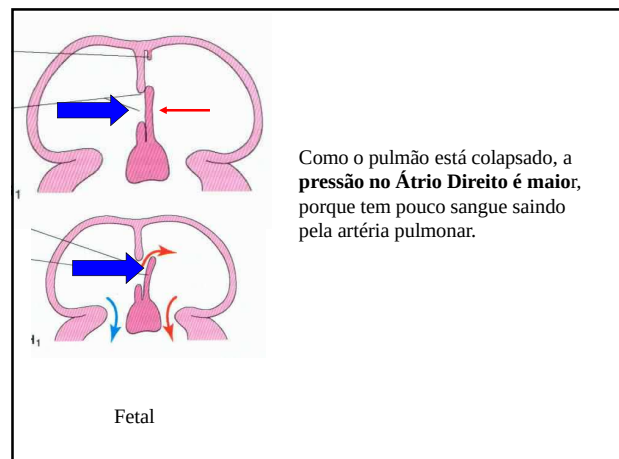
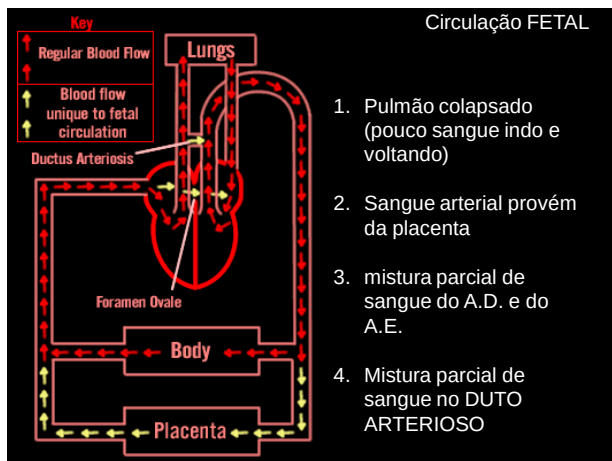
DIFERENÇAS ENTRE FETAL E NEONATO

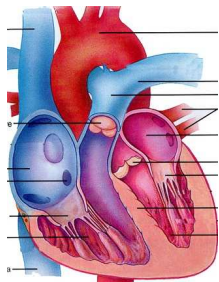
1. O PULMÃO não é funcional

- a) Não oxigena
- b) Está colapsado. Recebe MENOS sangue

2. A PLACENTA

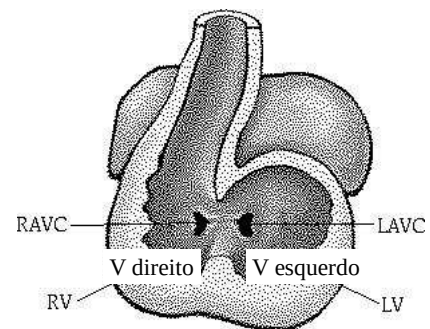






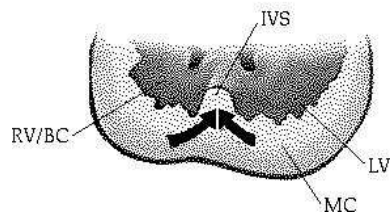
- Formação do átrio E e D
- Formação do ventrículo E e D
- Artéria Pulmonar e Aorta
- Circulação Fetal
- Malformações

O SEPTO VENTRICULAR surge da parede caudal entre os ventrículos

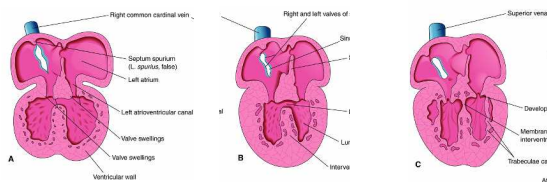
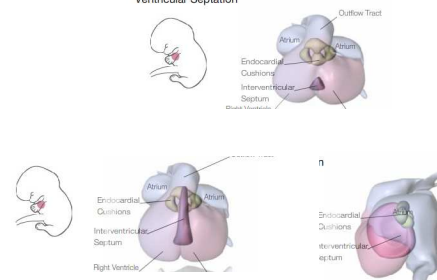


Formação do SEPTO INTERVENTRICULAR

Frontal Cross Section of Ventricles



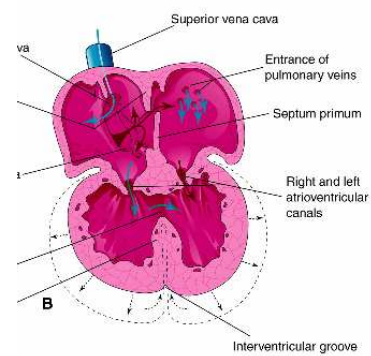
Ventricular Septation



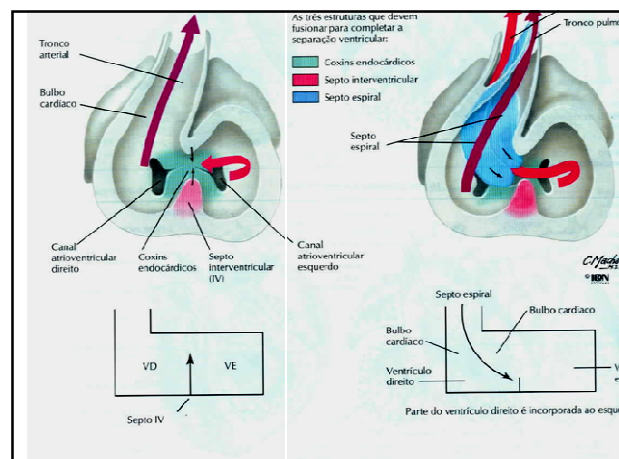
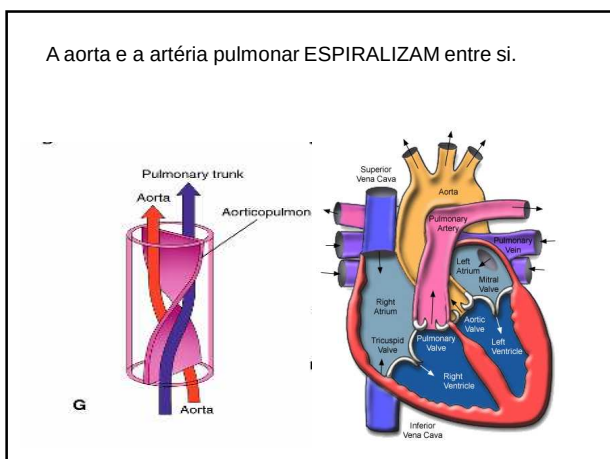
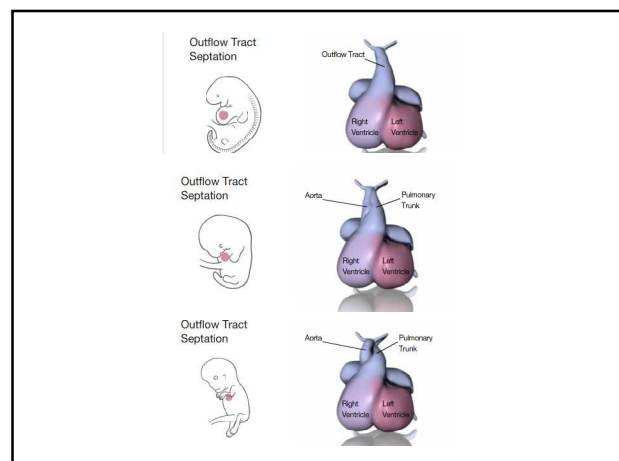
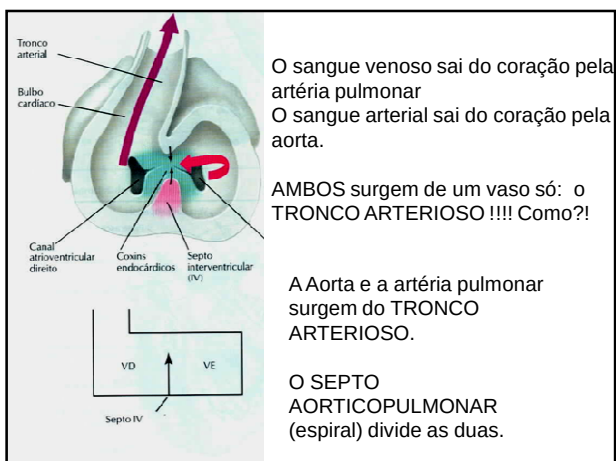
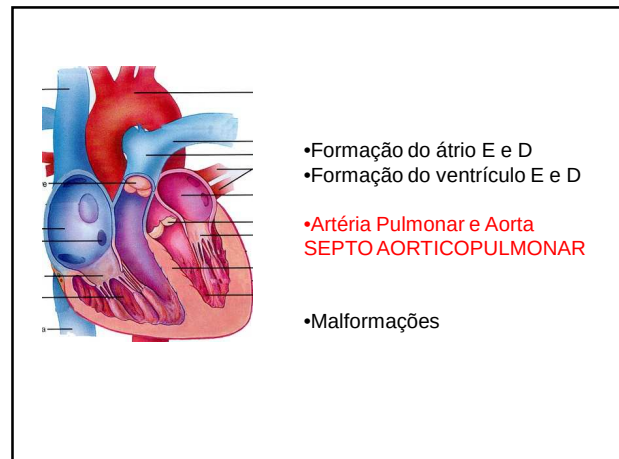
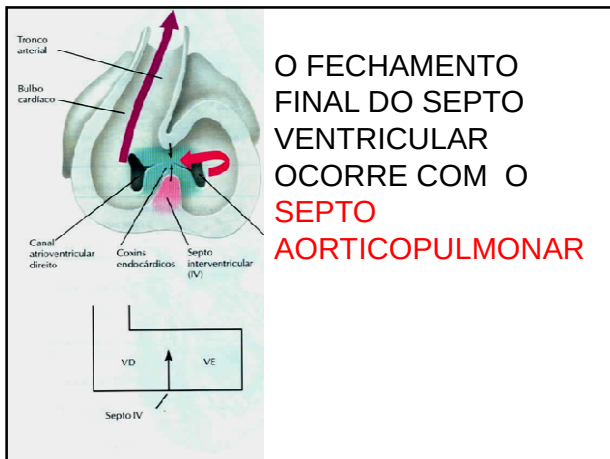
5 semanas

6 semanas

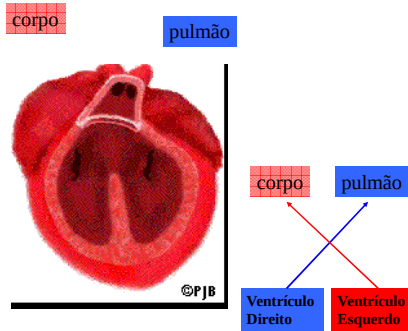
7 semanas



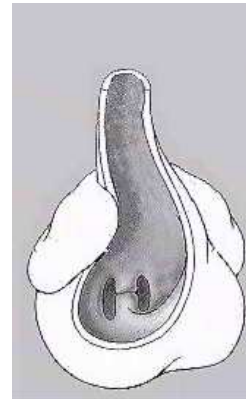
USA). All Rights Reserved.



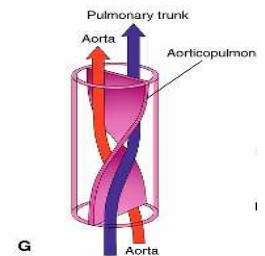
Divisão do Tronco Arterial em AORTA e ARTÉRIA PULMONAR



Divisão do Tronco Arterial em AORTA e ARTÉRIA PULMONAR

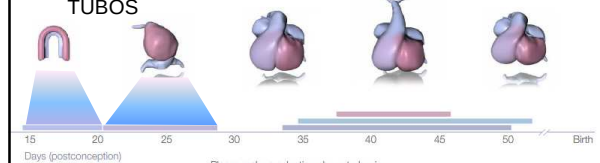


Formação do SEPTO AORTICOPULMONAR



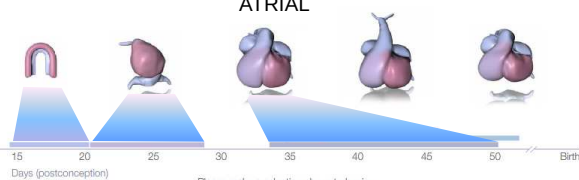
<http://www.youtube.com/watch?v=uwswhoKfkmM>

CAMPO CARDÍACO E FUSÃO DOS TUBOS



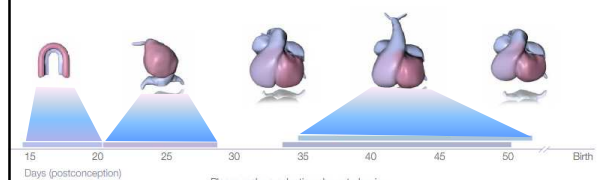
http://pie.med.utoronto.ca/htbg/HTBG_content/HTBG_heartEmbryologyApp.html

SEPTAÇÃO ATRIAL

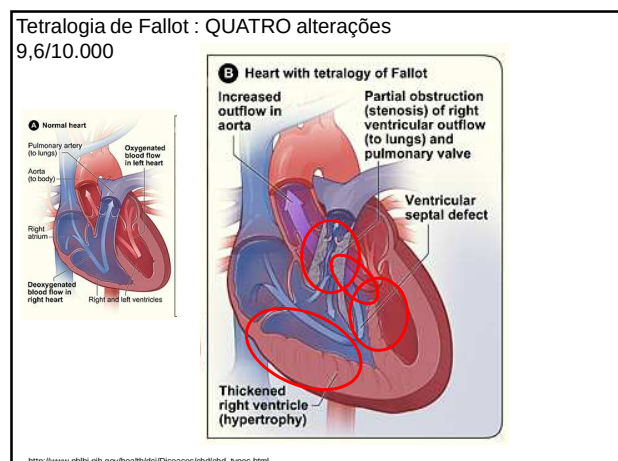
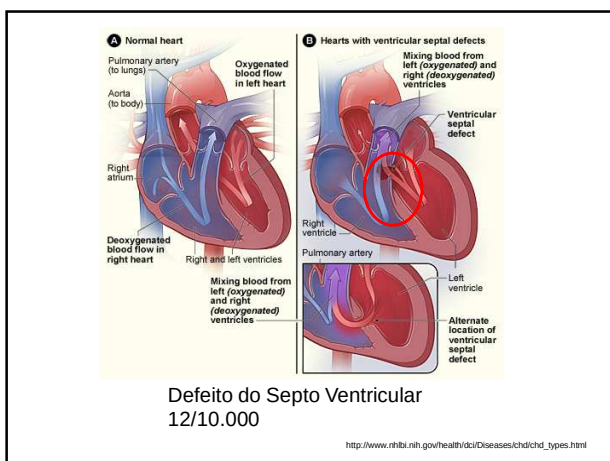
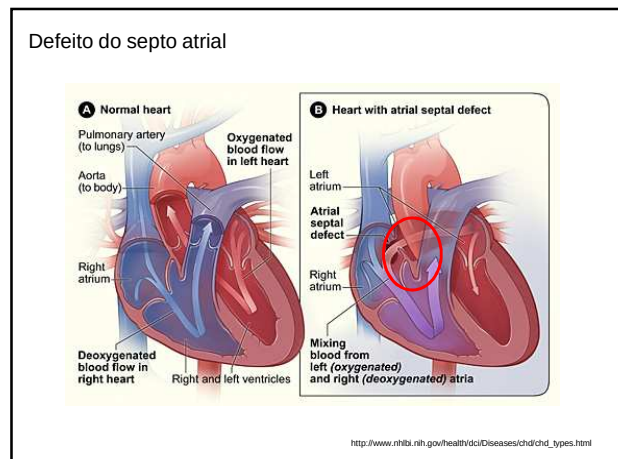
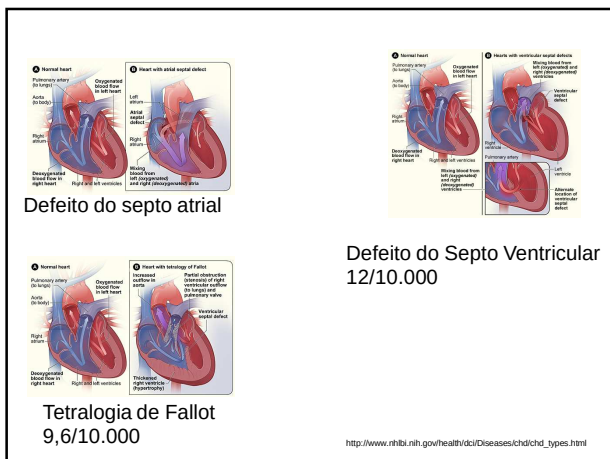
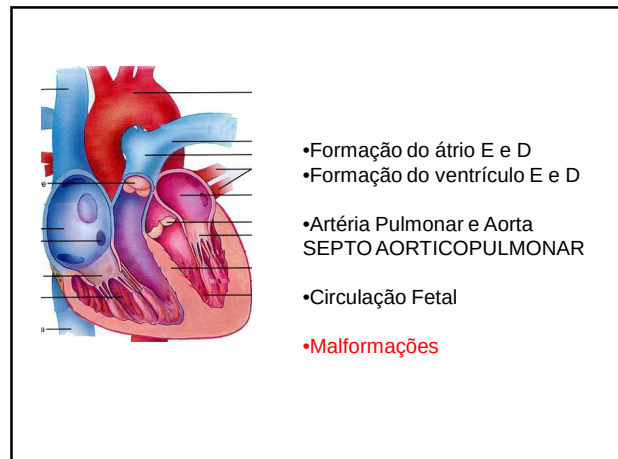
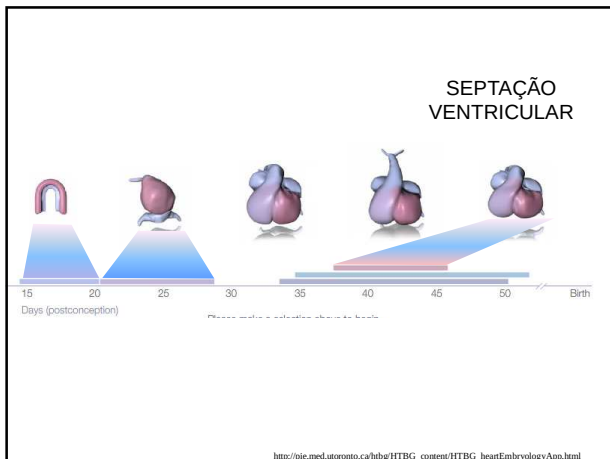


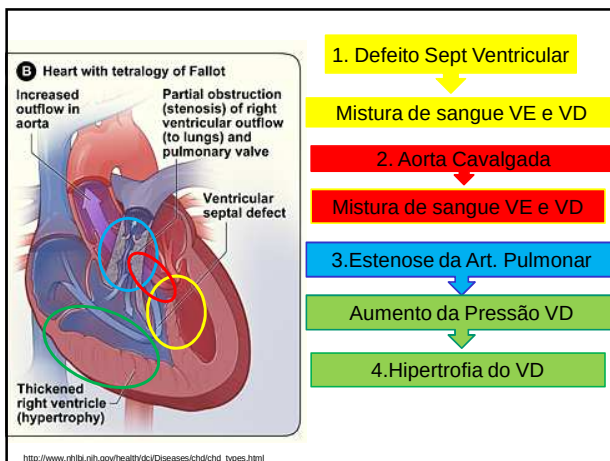
http://pie.med.utoronto.ca/htbg/HTBG_content/HTBG_heartEmbryologyApp.html

SEPTAÇÃO AORTICOPULMONAR



http://pie.med.utoronto.ca/htbg/HTBG_content/HTBG_heartEmbryologyApp.html





1. Defeito Sept Ventricular

Mistura de sangue VE e VD

2. Aorta Cavalgada

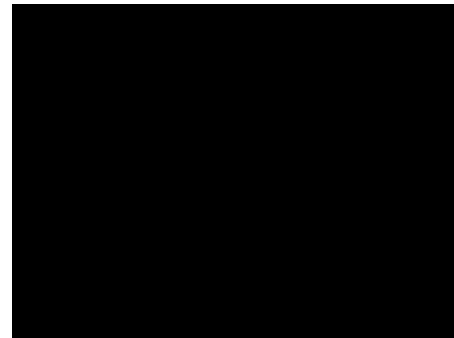
Mistura de sangue VE e VD

3. Estenose da Art. Pulmonar

Aumento da Pressão VD

4. Hipertrofia do VD

<http://www.youtube.com/watch?v=yePivAlbR4A>



1. Defeito Sept Ventricular

2. Aorta Cavalgada

3. Estenose da Art. Pulmonar

Causa embriológica:

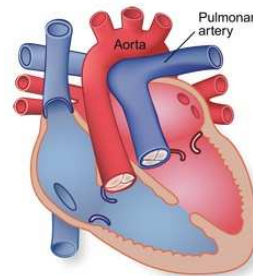
Defeito de septação do bulbo cardíaco

1. Septação Ventricular incompleta

2. Divisão desigual da Aorta e Artéria Pulmonar

http://www.nlm.nih.gov/health/child/Diseases/child_types.html

Transposição das grandes artérias....



Consequência?

O que aconteceu?