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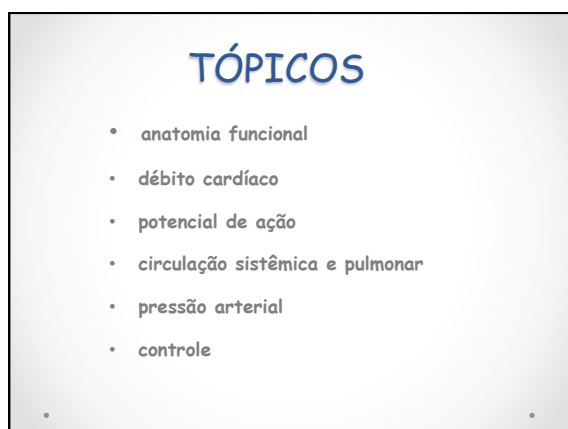
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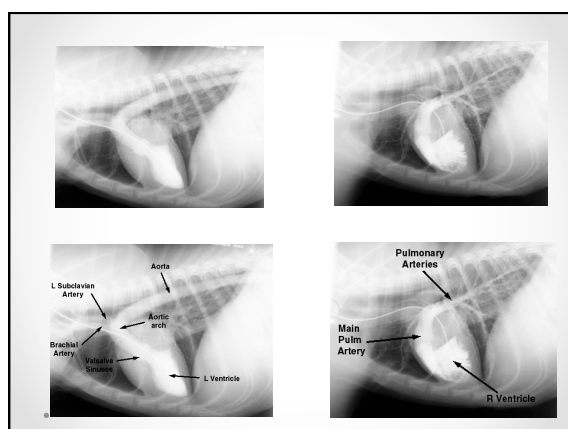
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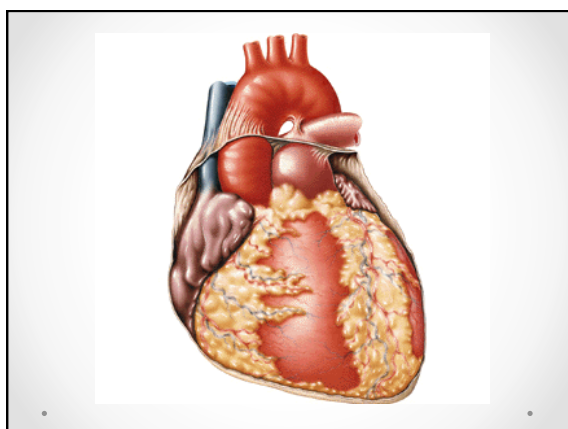
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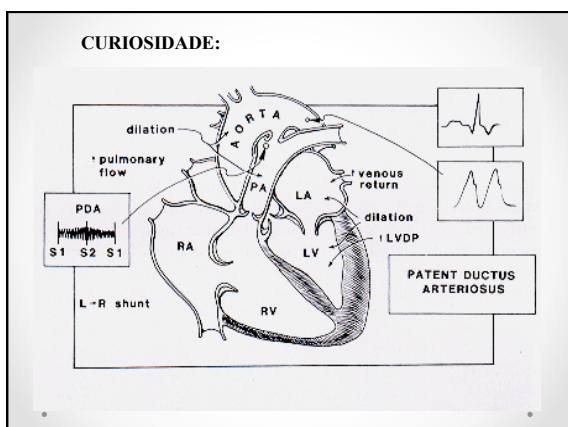
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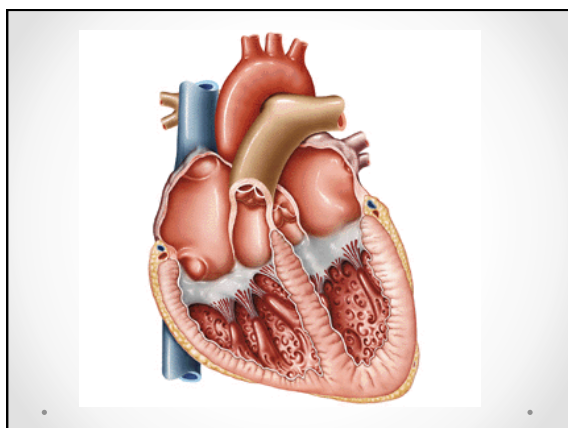
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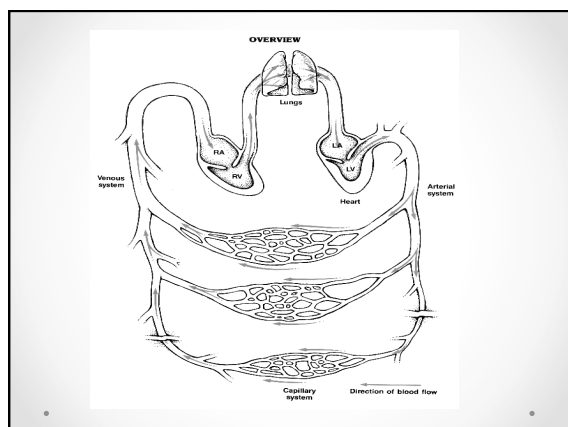
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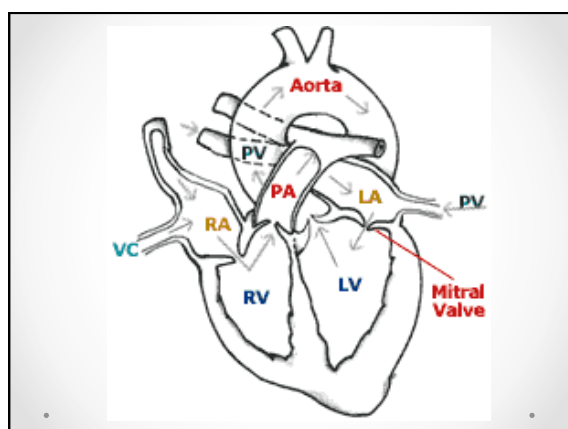
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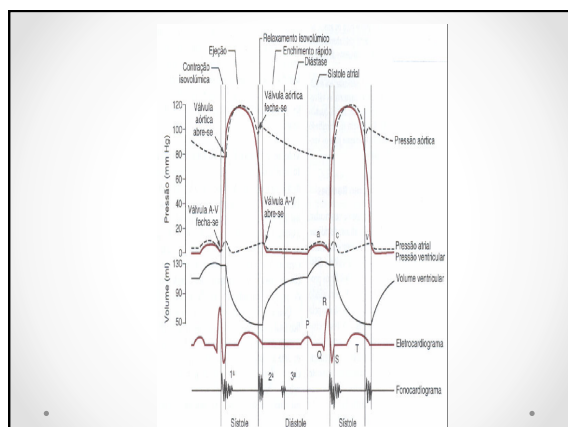
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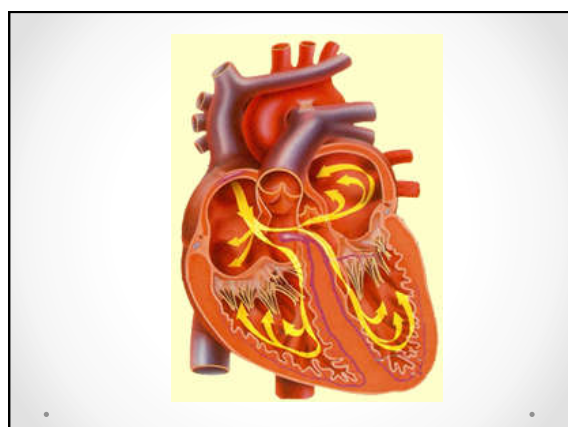
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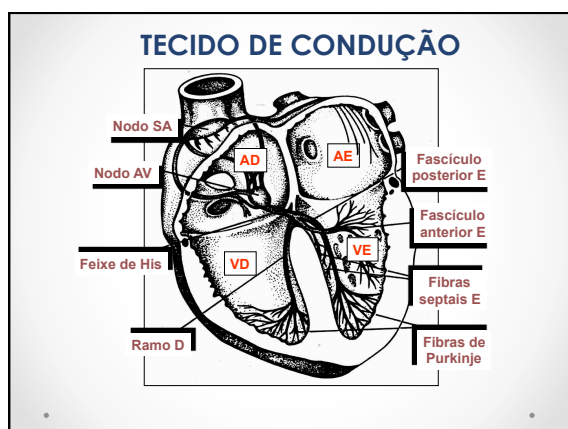
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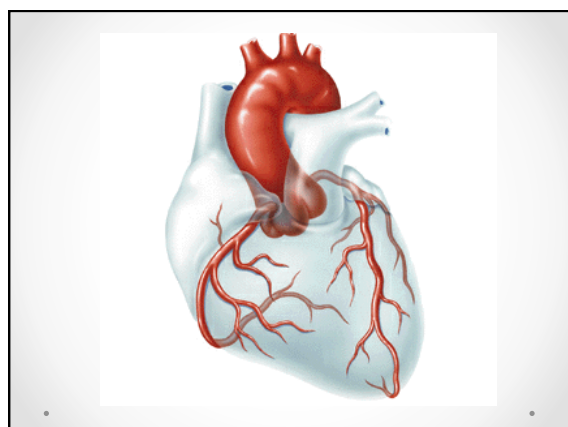
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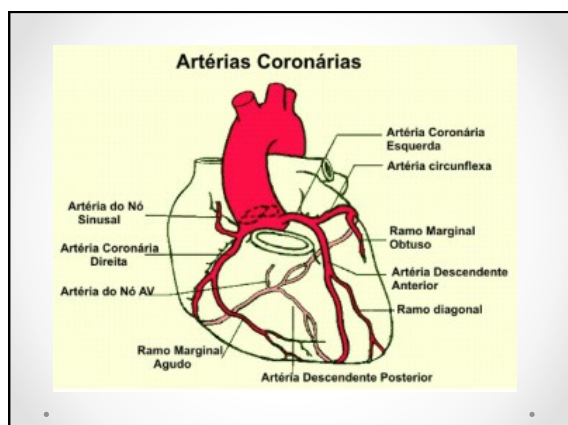
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Fig. n°	Espécie Species	Frequência Cardíaca Média (bpm)	Average heartbeat (bpm)
2	Amazilia v. versicolor		910
3	Calliphlox a. amethystina		750
4	Aphantochroa cirrochloris		600
5	Colibri serrirostris		960
6	Leucchloris albicollis		625
7	Amazilia lactea lactea		930
8	Phaethornis pretrei pretrei		690
9	Thalurania glaucopis		860
10	Chlorostilbon aureoventris pucherani		830
11	Helimaster squamosus		850
12	Hylocharis c. cyanus		820
13	Melanotrochilus fuscus		935
14	Lophornis magnifica		980
15	Augastes lumachellus		750
16	Chytolaema rubicauda		600
17	Eupetomena macroura maccoura		830
18	Phaethornis e. eurynome		535
19	Topaza pella pella		400
20	Colibri c. coruscans		580
21	Colibri delphinae greenewalti		530

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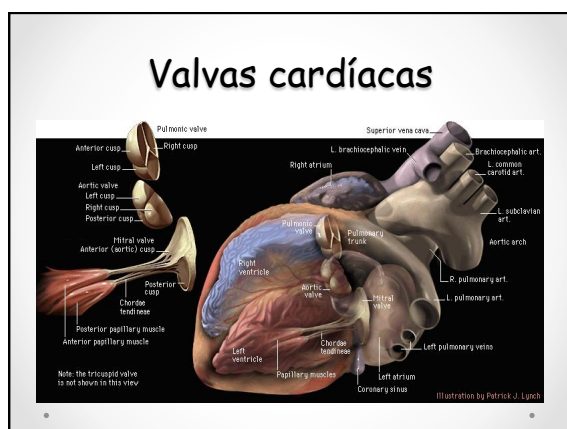
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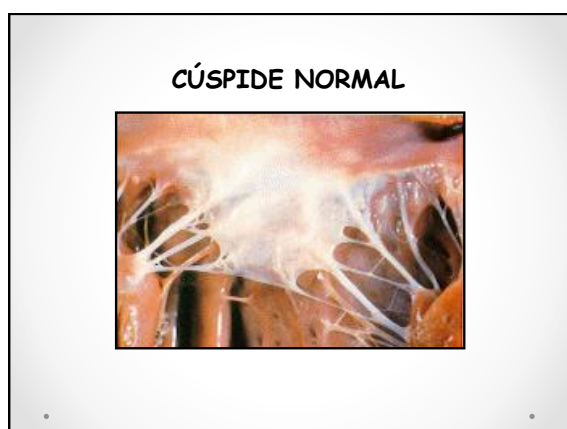
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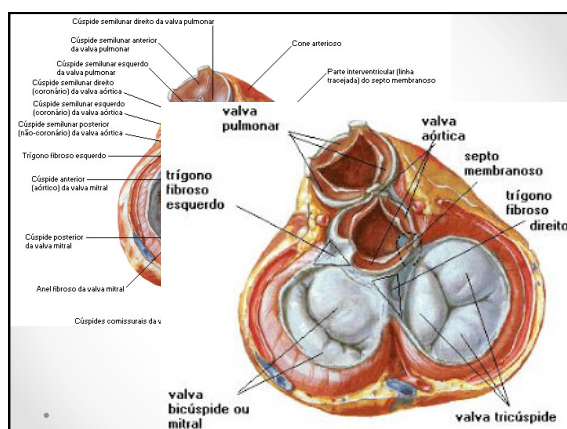
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## Potencial de Ação

O que é ?

Para que serve ?

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- Canais **sem porta**  
 com porta - ligante  
 com porta - voltagem  
 -TRANSPORTE PASSIVO-
- Bombas - ATP  
 -TRANSPORTE ATIVO-

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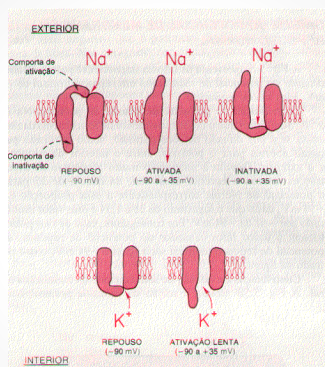
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## Transmissão

- Tecido Especializado  
TEC. CONDUÇÃO → MIOCÁRDIO
- Discos Intercalares  
MIOCÁRDIO → MIOCÁRDIO

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## Potencial de Ação

\*Potencial de Repouso

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## Potencial de Ação

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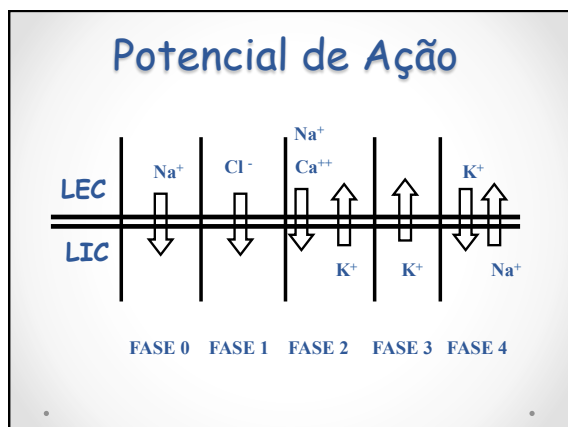
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### BOMBA EJETA SG = DC

•  $DC = FC \times \text{Volume Sistólico}$

(volume sistólico = contratibilidade)

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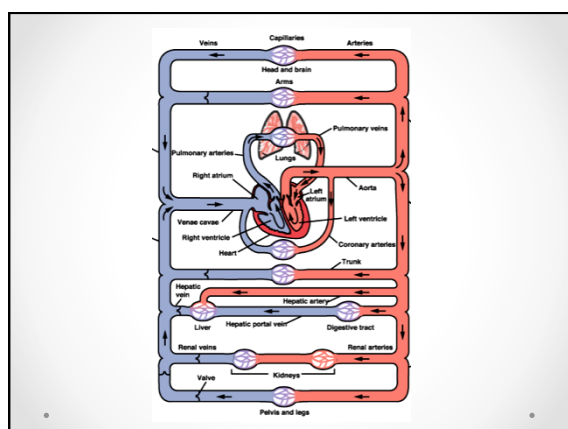
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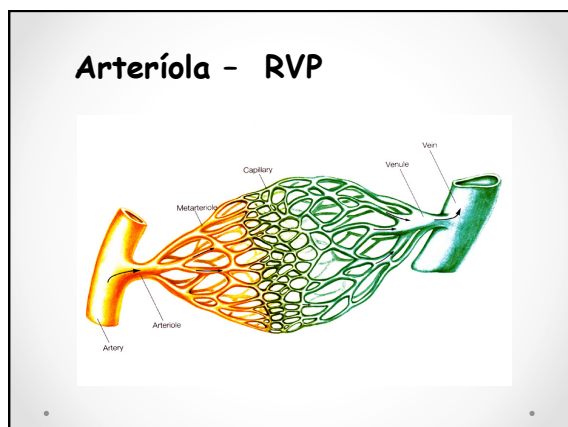
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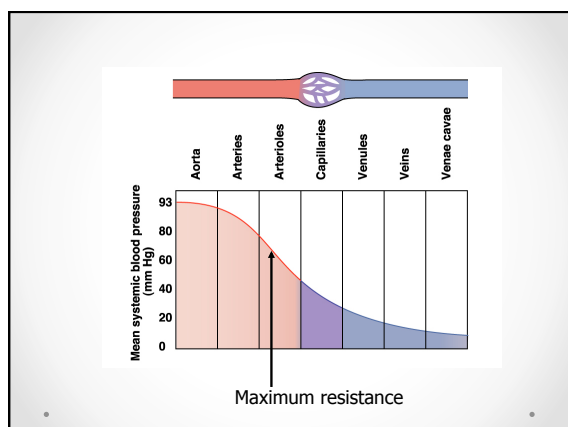
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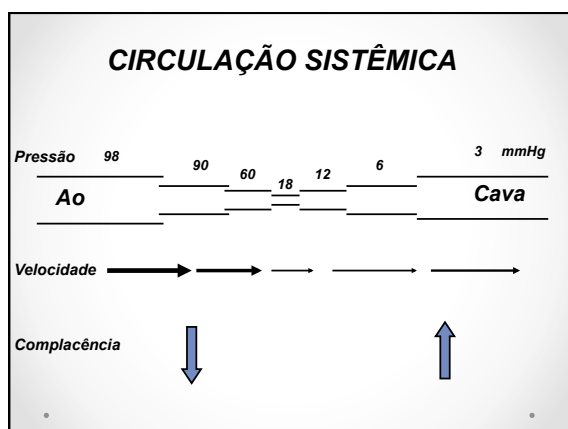
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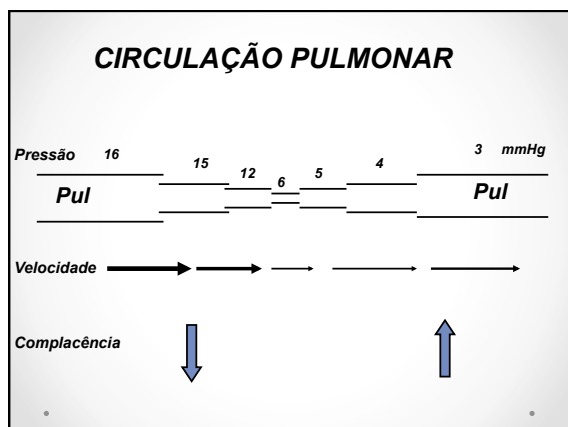
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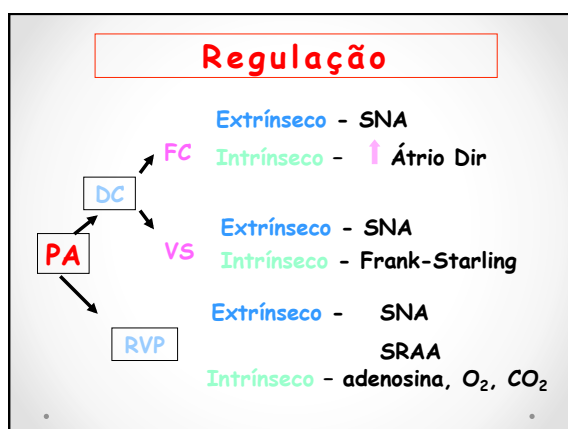
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