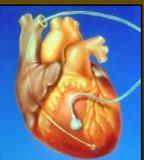




# MARCAPASSO



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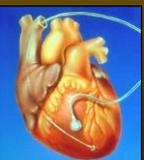
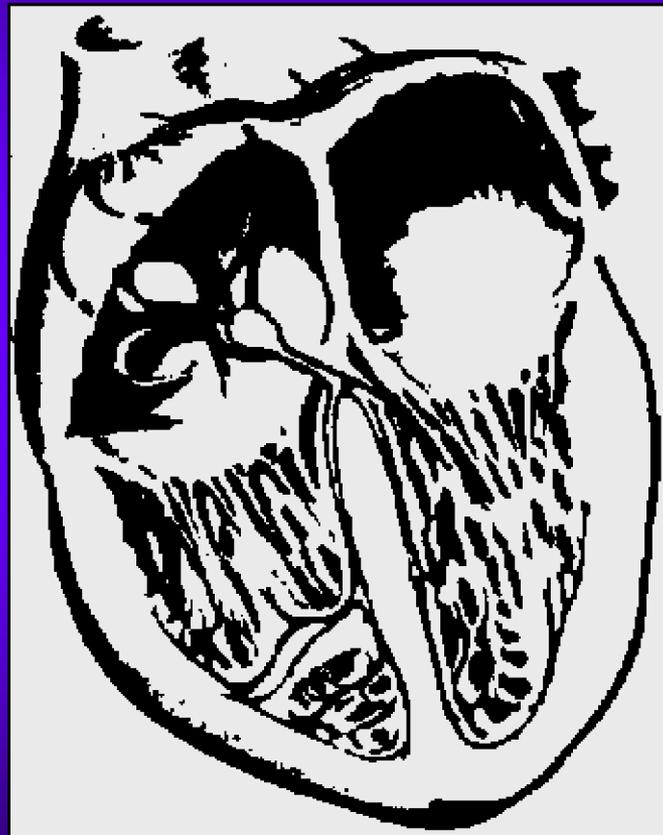


# Anatomia



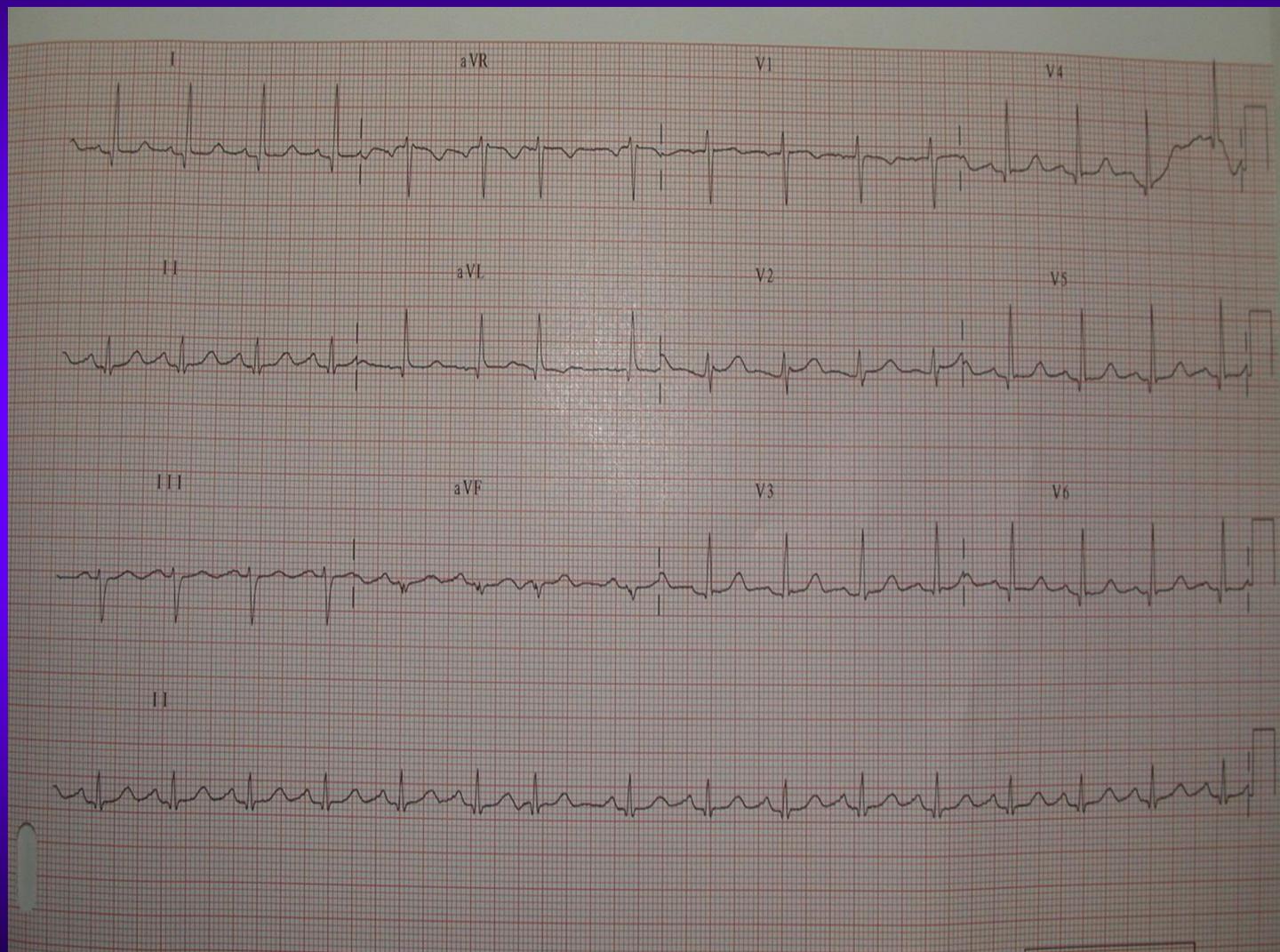


# Fisiologia



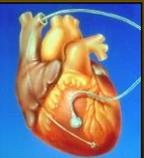
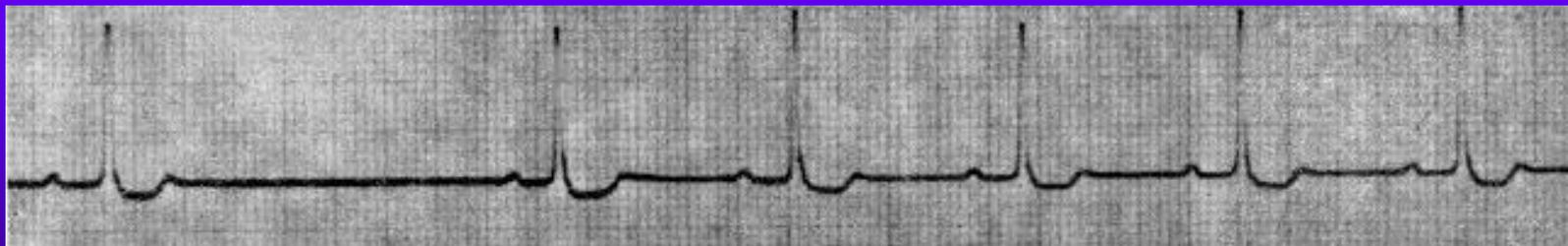
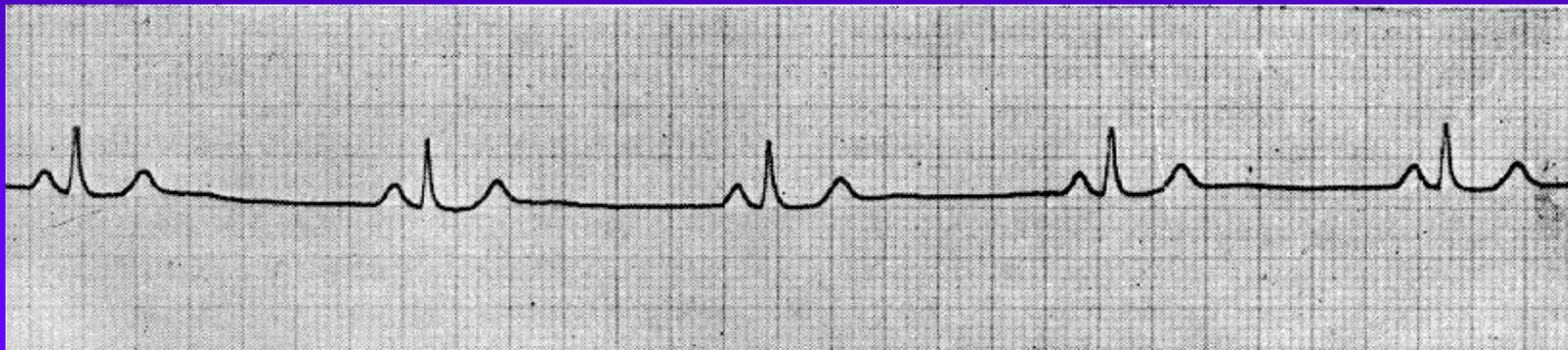


# Elettrocardiografia



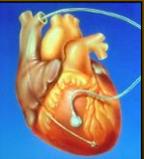
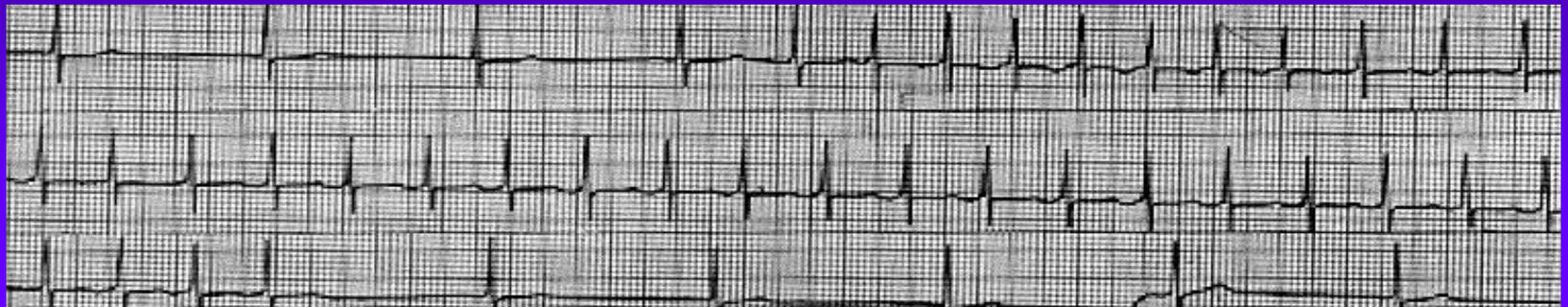


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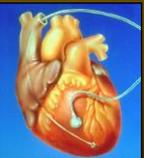
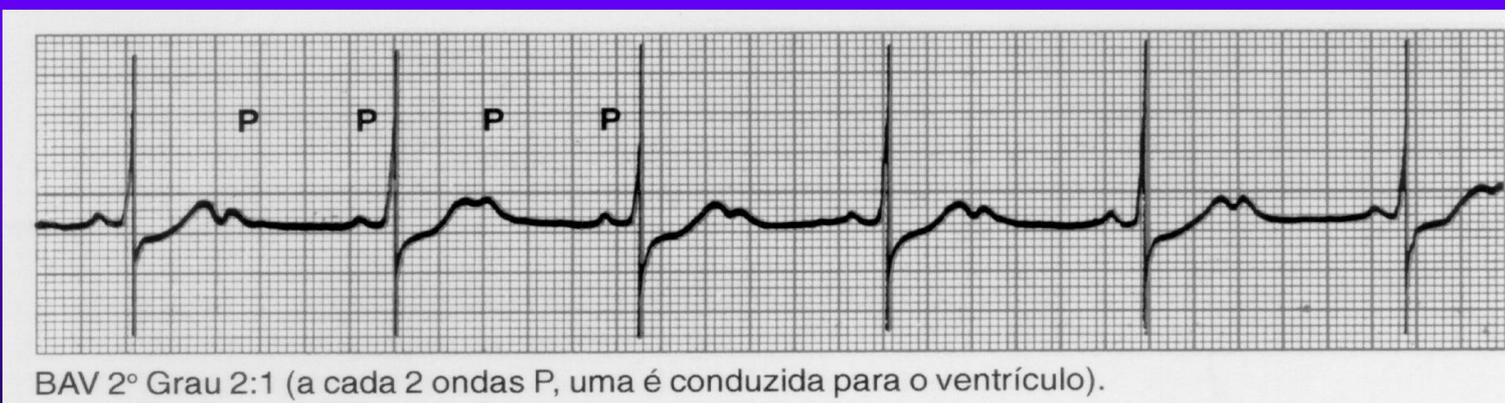


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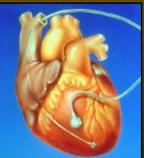
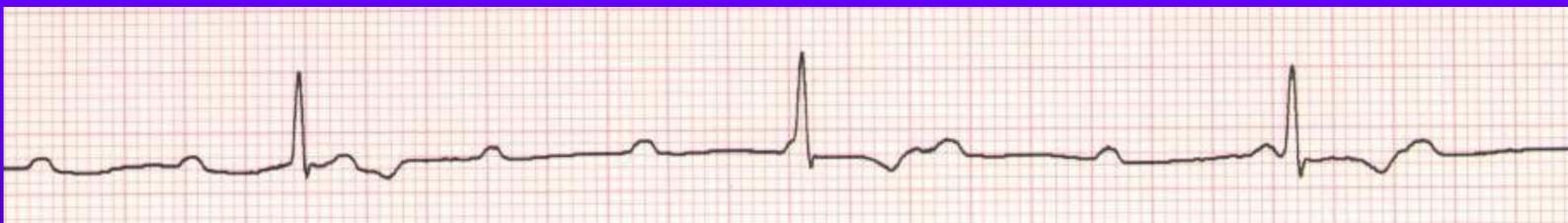


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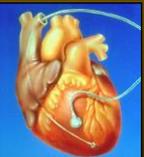
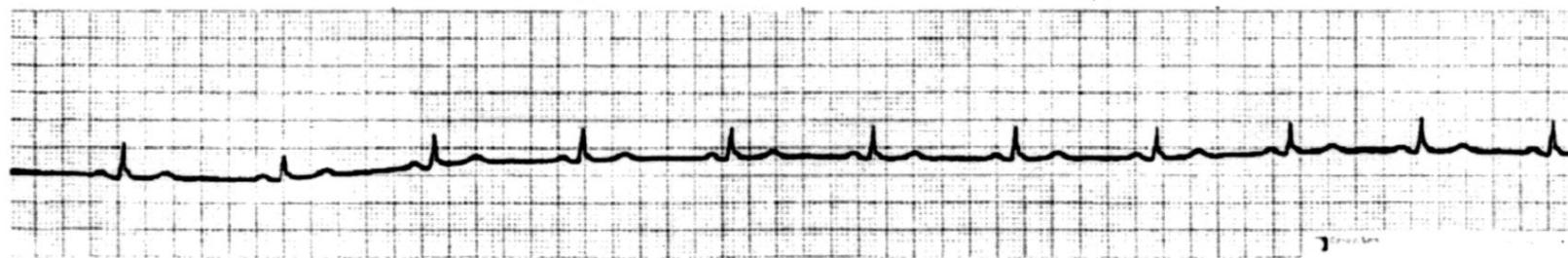
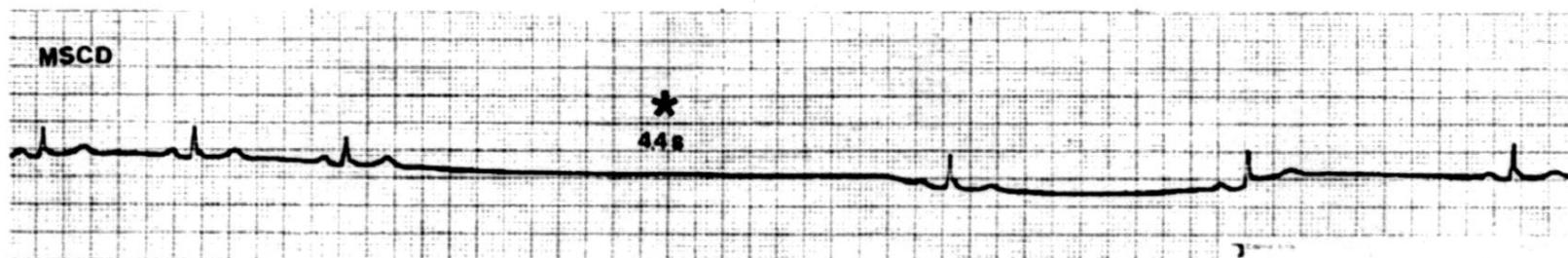
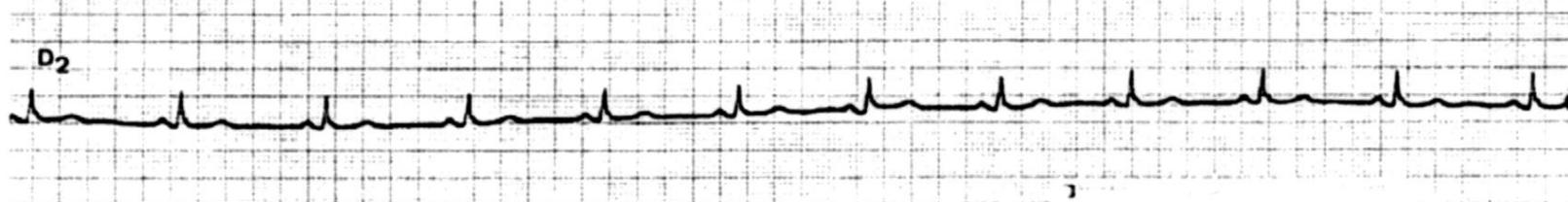


# Bloqueio Atrioventricular





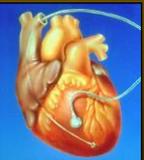
# Síndromes Neuromediadas





# Estimulação Cardíaca Artificial

- *MARCAPASSOS PROVISÓRIOS E DEFINITIVOS*
- *RESSINCRONIZADORES*
- *CARDIODESFIBRILADORES IMPLANTÁVEIS*
- *DISPOSITIVOS DE DIAGNÓSTICO IMPLANTÁVEIS*





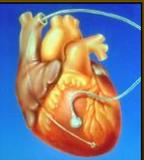
# Histórico da Estimulação Cardíaca

- ✓ 49 d.C Scribinius Largus – primeiro relato de utilização de corrente elétrica para tratamento de cefaléias e doenças reumáticas.
- ✓ 1.771 Morgani – relato da associação entre epilepsia e bradicardia.
- ✓ 1.883 Walter H. Gaskell – bloqueios cardíacos (AV)
- ✓ 1.887 Augustus D.Waller – Primeiro ECG



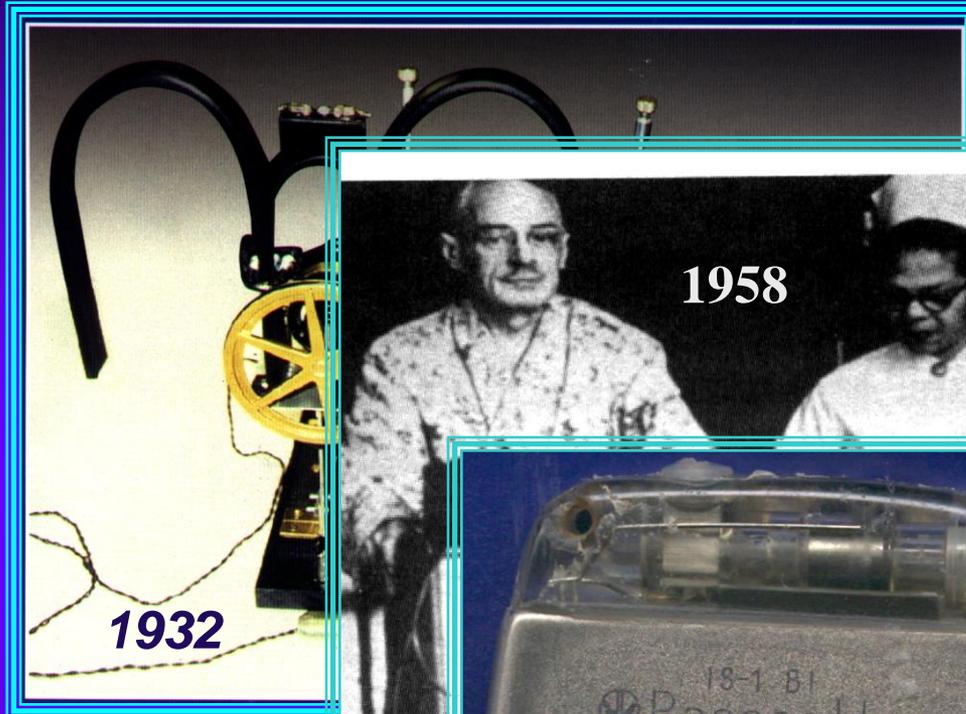
# Histórico da Estimulação Cardíaca

- ✓ 1932 Albert Hyman – Primeiro marcapasso a manivela
- ✓ 1.958 Furman – marcapassos endocárdicos provisórios
- ✓ 1.964 Hugo Felipozzi – primeiro implante de marcapasso no Brasil.





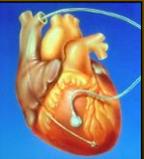
# Histórico da Estimulação Cardíaca



1932

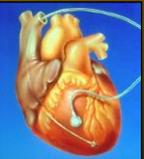


1958



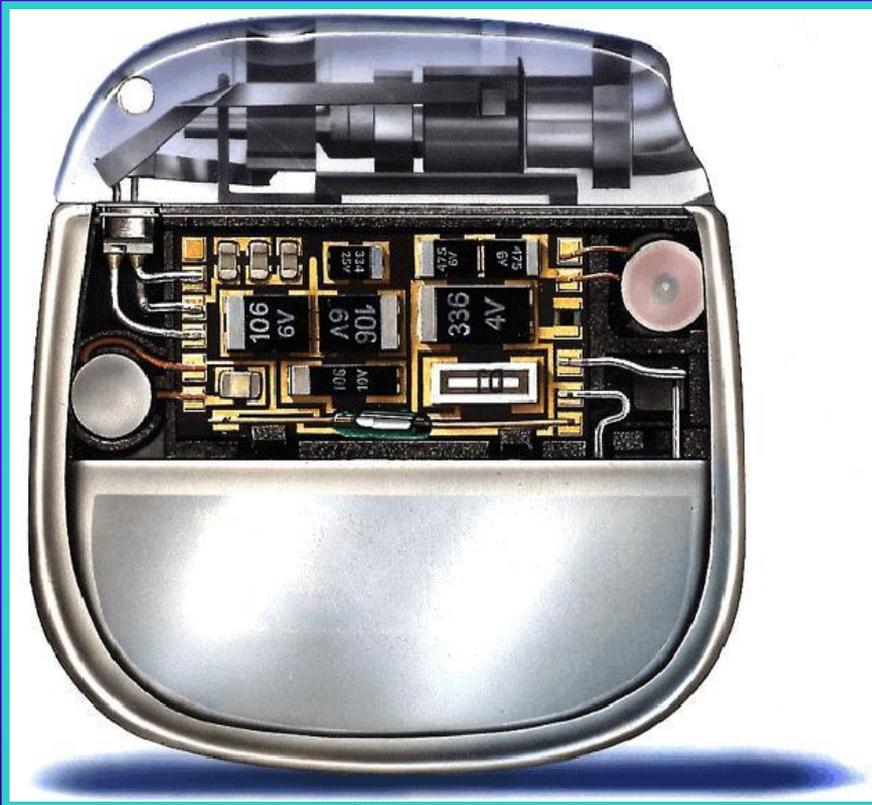
# MARCAPASSO

- ◆ **Conceito**
- ◆ **Tipo gerador: Implantável (definitivo) ou temporário (provisório)**
- ◆ **Tipo de eletrodo:**
  - endocárdico ou epicárdico
  - unipolar ou bipolar
  - fixação ativa ou passiva
  - provisório ou definitivo



# Marca-passos Definitivos

## Geradores

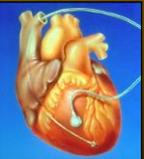


-Cabeçote

-Circuito eletrônico

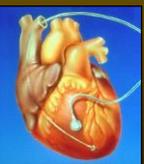
-Bateria (5 a 7 anos)

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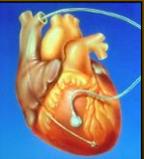
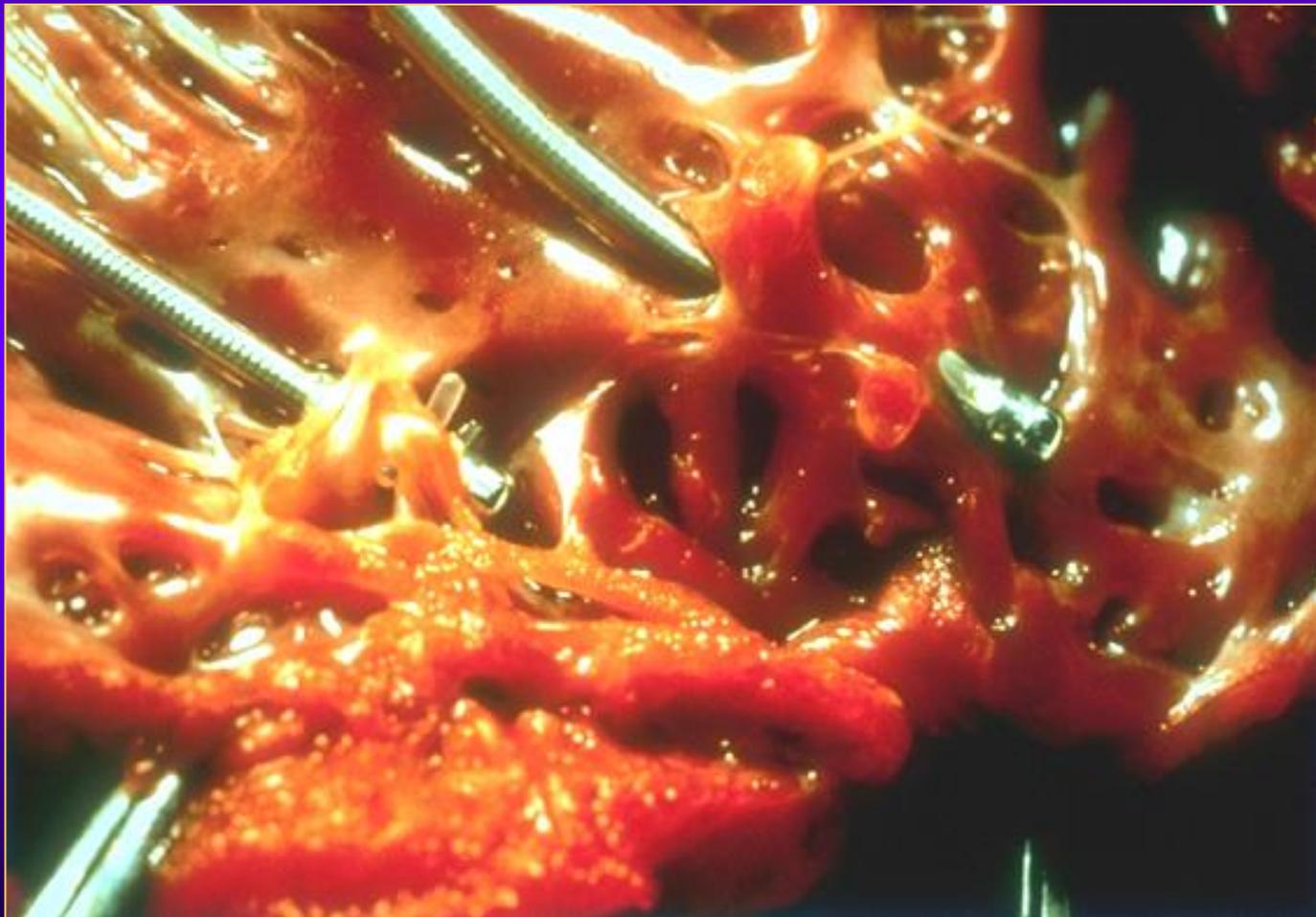
# Marcapassos Definitivos

## Geradores



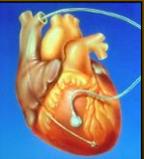
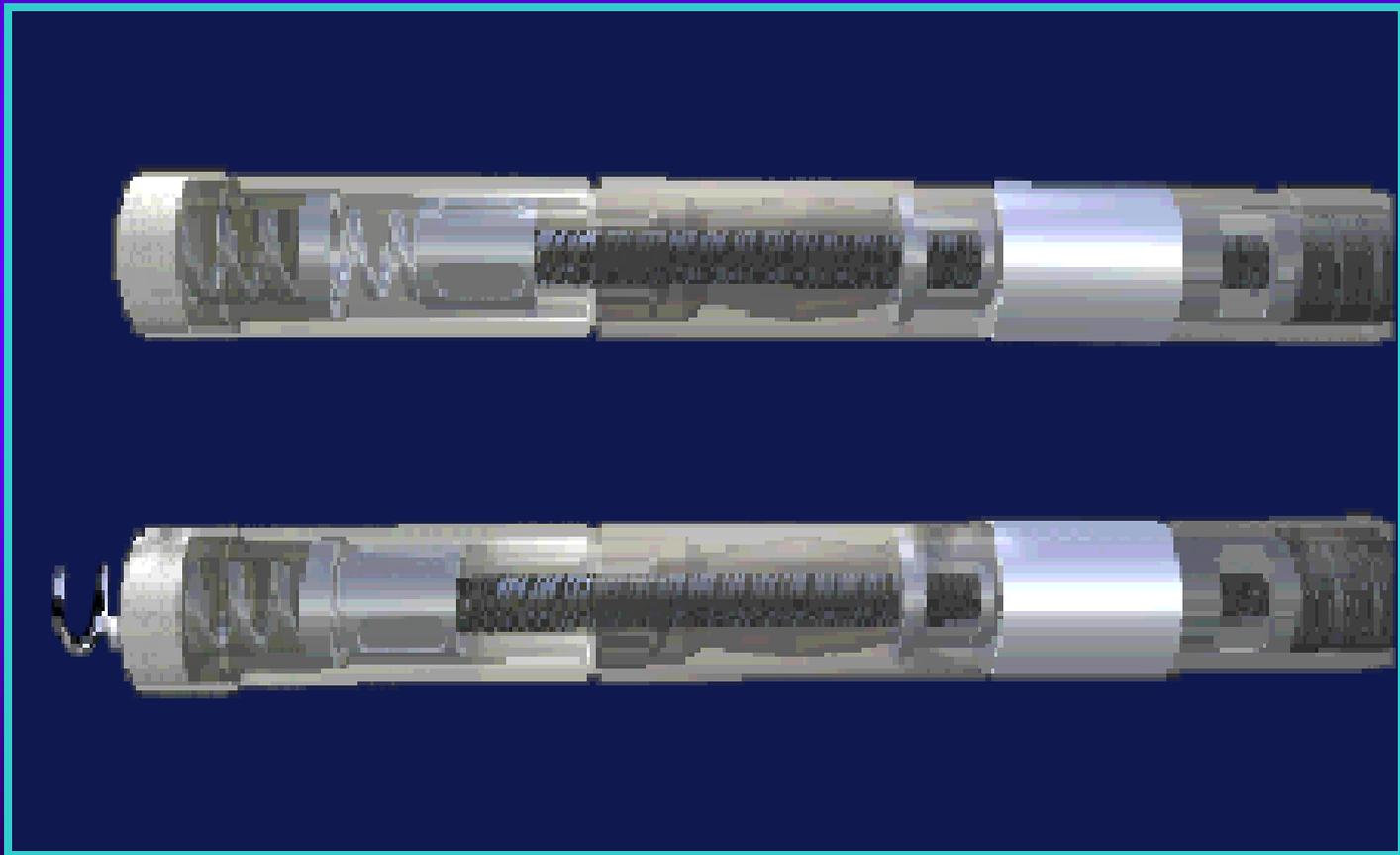
# Marcapassos Definitivos

Eletrodo fixação passiva



# Marcapassos Definitivos

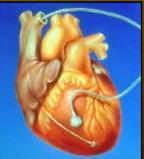
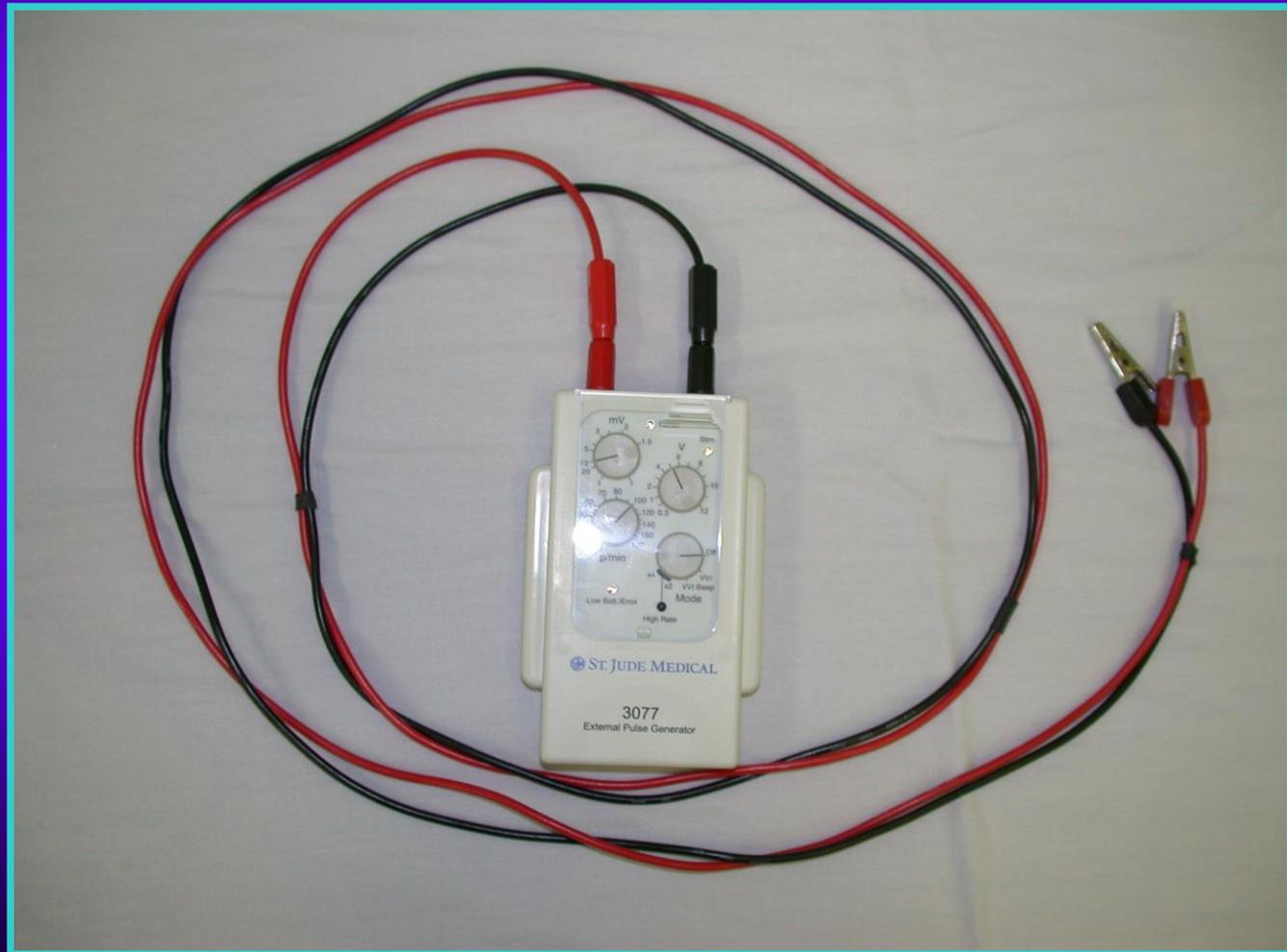
## Eletrodo fixação ativa





# Marcapasso Provisório

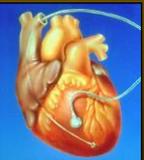
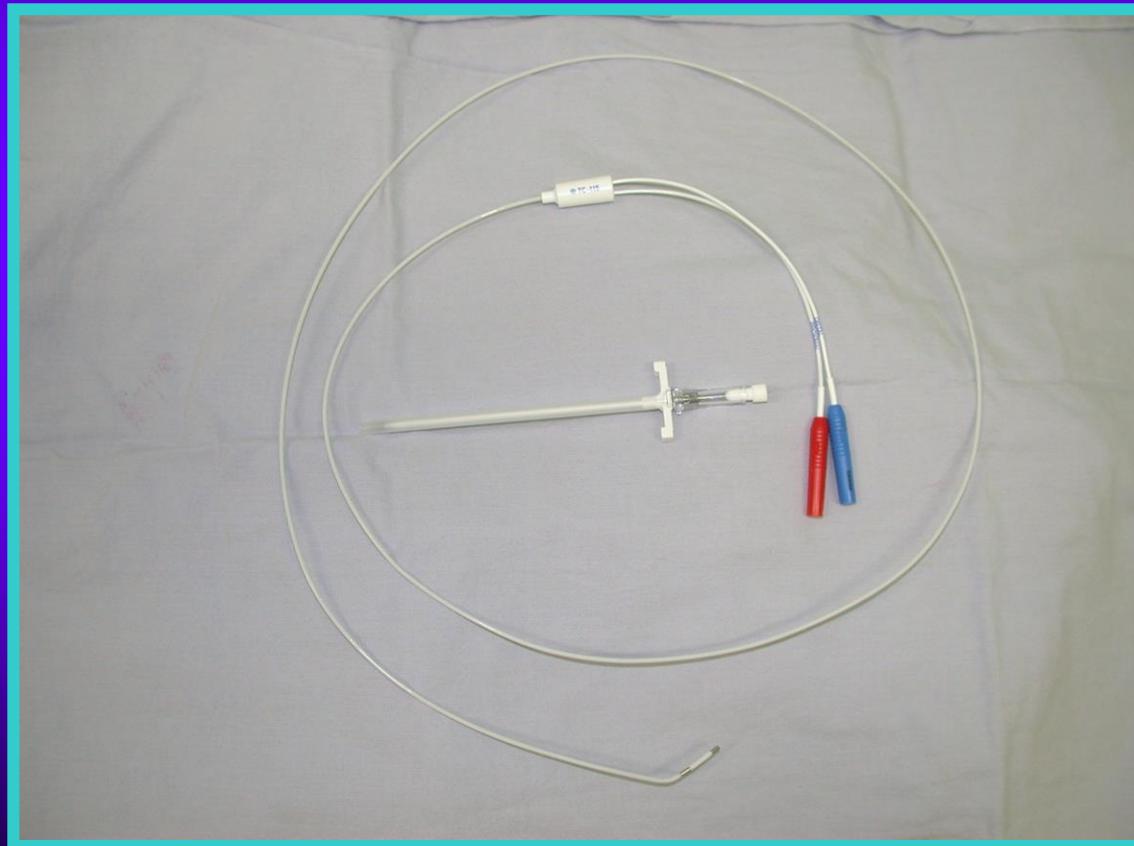
## Geradores





# Marcapasso Provisório

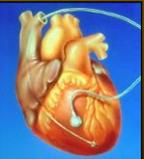
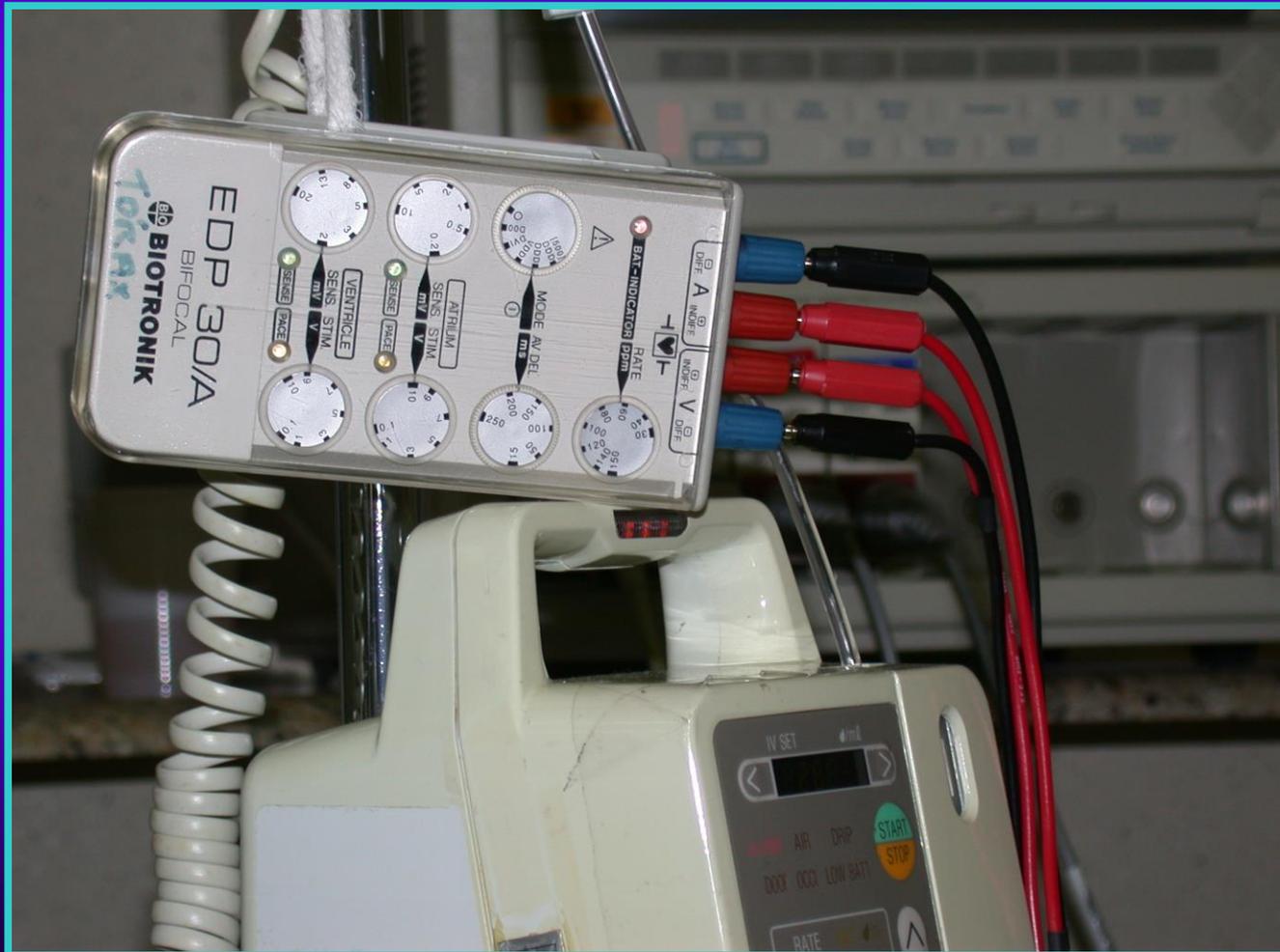
## Eletrodos endocárdicos





# Marcapasso Provisório

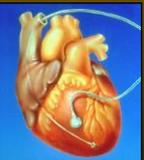
## Eletrodos epicárdicos





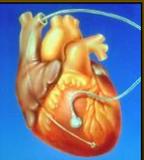
# CÓDIGO NBG DE ESTIMULAÇÃO CARDÍACA

<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>CÂMARA ESTIMULADA</b>	<b>CÂMARA DETECTADA</b>	<b>MODO DE RESPOSTA</b>	<b>PARÂMETROS PROGRAMÁVEIS</b>	<b>FUNÇÃO ANTI-TAQUI</b>
<b>A</b> átrio	<b>A</b> átrio	<b>I</b> inibido	<b>P</b> prog simples	<b>P</b> antitaq
<b>V</b> ventrículo	<b>V</b> ventrículo	<b>T</b> deflagrado	<b>M</b> multiprog	<b>S</b> choque
<b>S</b> A ou V	<b>S</b> A ou V	<b>D</b> I e T	<b>C</b> comunicação	<b>D</b> P e S
<b>D</b> A e V	<b>D</b> A e V	<b>O</b> nenhum	<b>R</b> responsivo	<b>O</b> nenhuma
<b>O</b> nenhuma	<b>O</b> nenhuma		<b>O</b> nenhum	





# Equipamento





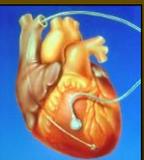
# Sala Operatória



# Cardiodesfibriladores Implantáveis

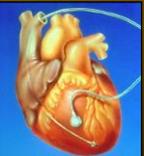
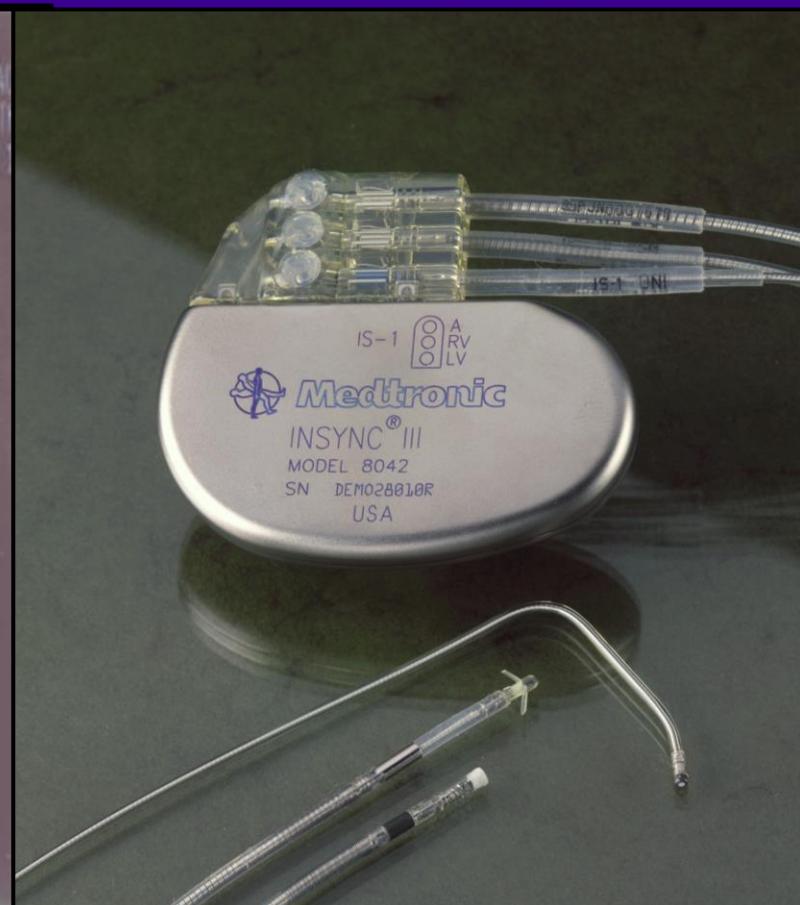
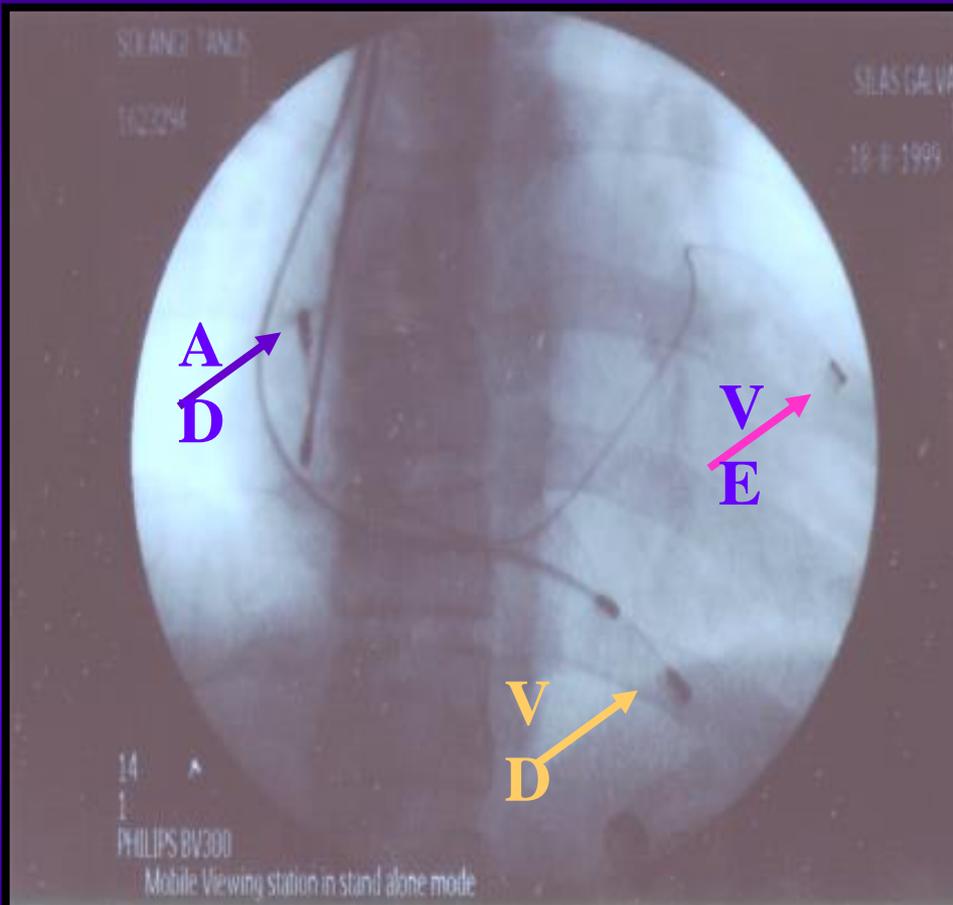


Marquis DR: 36cc, 75g



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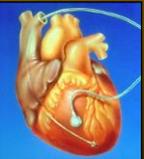
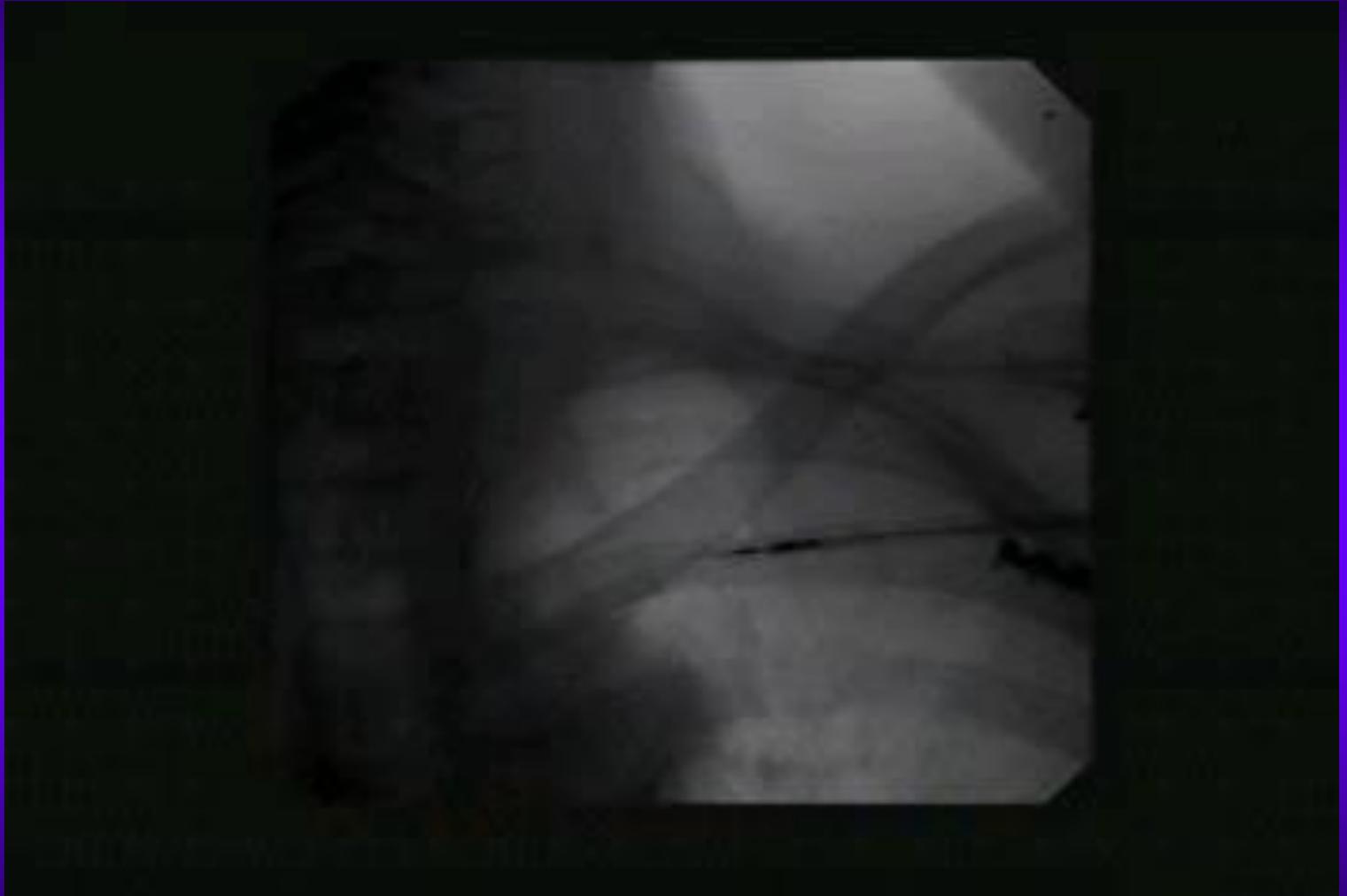
# Ressincronizadores



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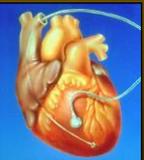
# Implante de marcapasso



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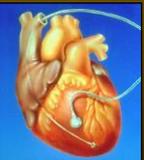
# Implante de marcapasso



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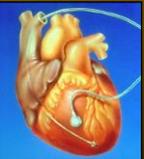
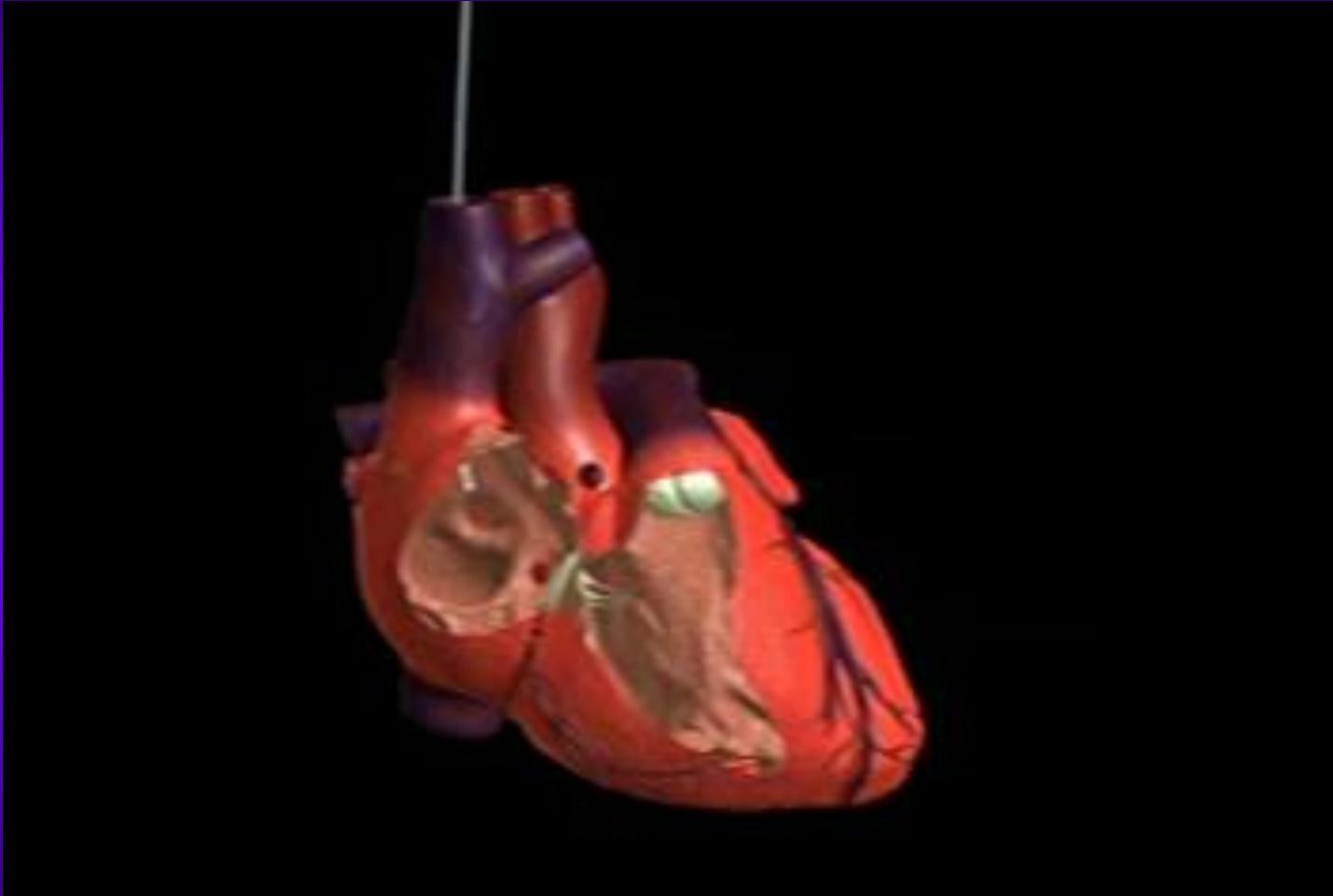
# Implante de marcapasso



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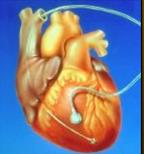
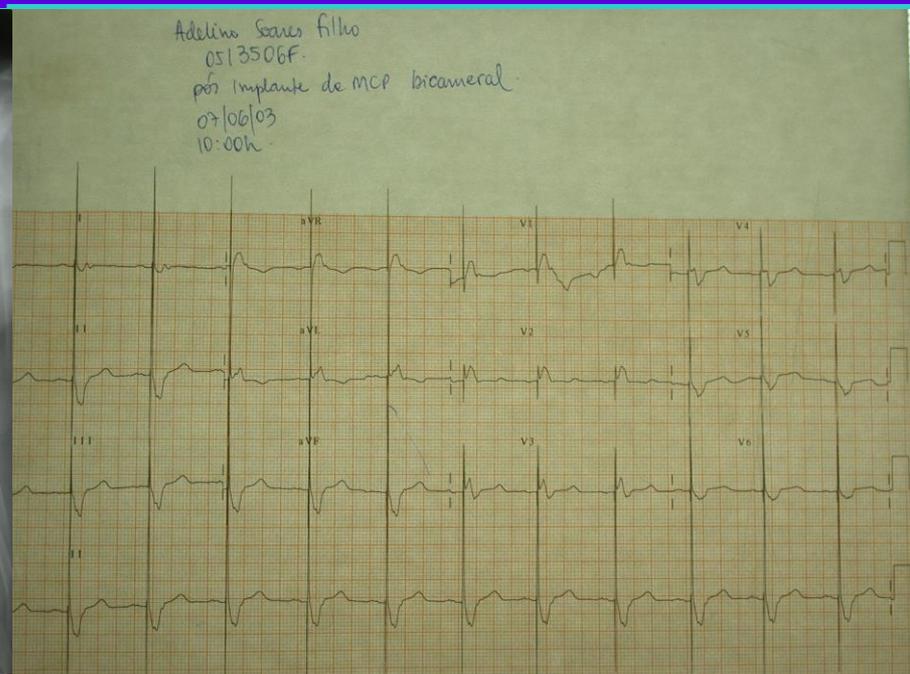
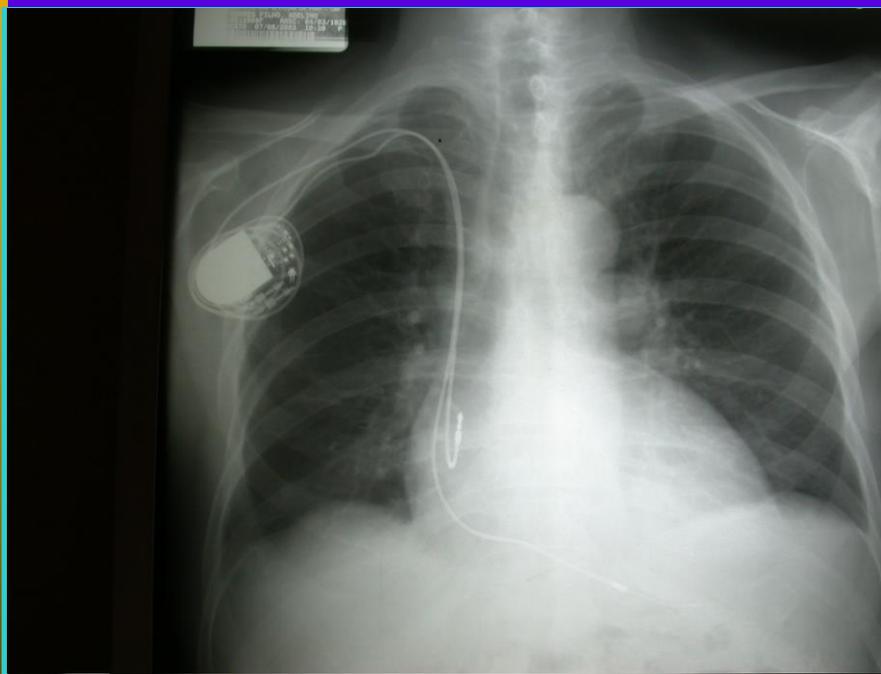
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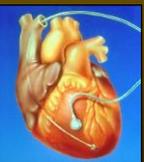


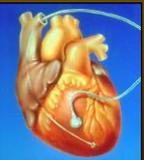
# Exames pós-operatório



# Orientações após implante de marcapasso

- ◆ Dieta como antes do implante
- ◆ Curativo permanece por dois dias. Não há pontos externos para serem retirados. Limpar apenas com água e sabão
- ◆ Por 3 semanas, o paciente não deverá elevar ou realizar esforço físico com ombro do lado do marcapasso implantado. Pode fazer caminhada
- ◆ Relações sexuais poderão ser realizadas, tomando cuidado para não erguer o ombro do lado do implante do marcapasso
- ◆ Aparelhos eletrodomésticos podem ser utilizados normalmente. O celular poderá ser usado no lado oposto ao que foi implantado o marcapasso
- ◆ Não utilizar colchões ou travesseiros magnéticos. Não passar por portas detetoras de metais em bancos ou aeroportos
- ◆ Entregar a carteirinha de identificação, livreto do paciente e carta com as orientações





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