



EUROPEAN REFERENCE NETWORKS
FOR RARE, LOW-PREVALENCE AND COMPLEX DISEASES

Share. Care. Cure.



ERN

GUARD-Heart

Gateway to Uncommon And Rare Diseases of the Heart



SARS-CoV-2 infectie & Lang QT syndroom



**European
Reference
Network**

for rare or low prevalence
complex diseases



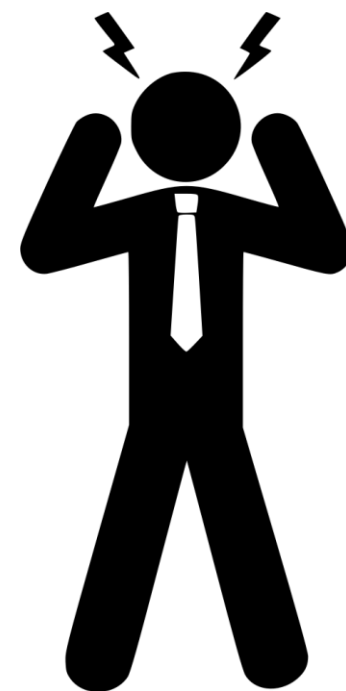
Network
Heart Diseases
(ERN GUARD-HEART)

A.S. Amin
Cardioloog



Amsterdam UMC





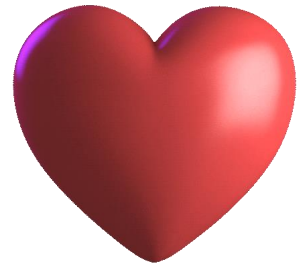


**1 op 2.500
Mensen**

**22
Mensen
in ArenaA**

Wat is lang QT syndroom?

Wat doet het hart?



dagelijkse activiteiten



























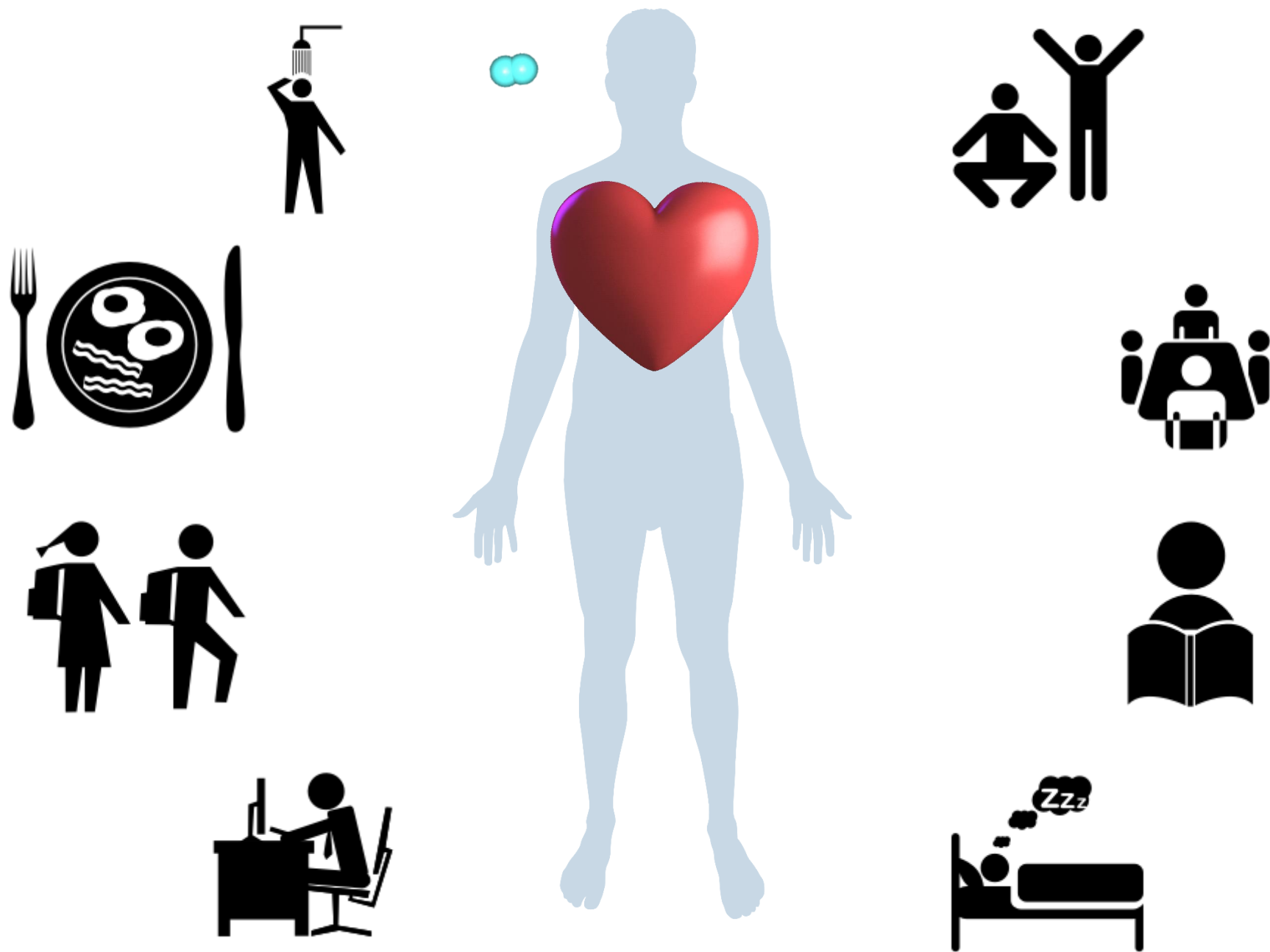


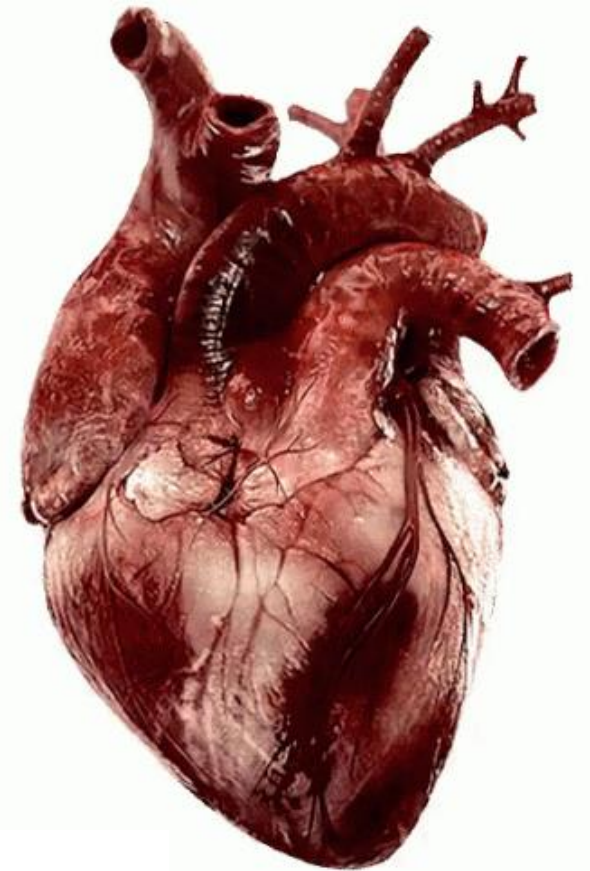
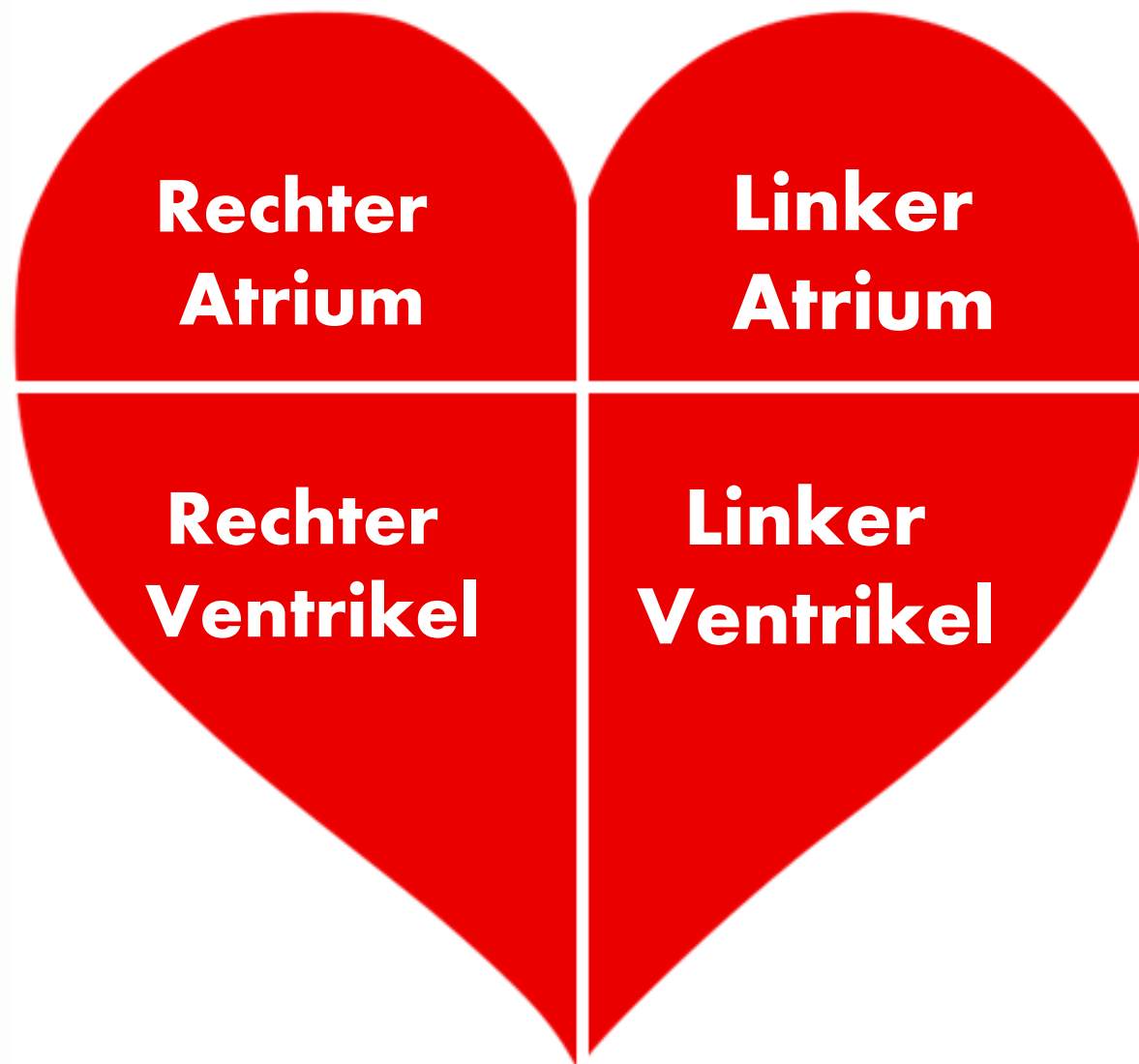
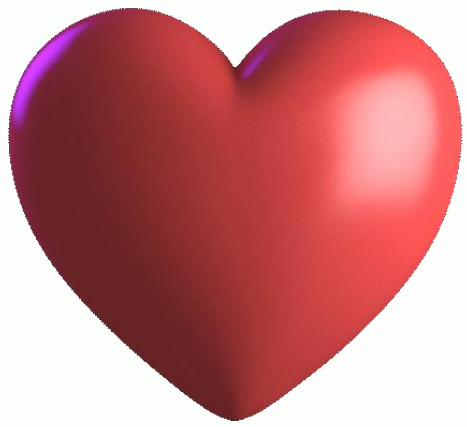




O₂

The background of the slide is a vibrant blue sky filled with soft, white, fluffy clouds. Overlaid on this background is a repeating pattern of blue circles. These circles vary in size and are arranged in a way that creates a sense of depth and movement, resembling bubbles or particles floating in the air. The pattern is dense and covers the entire area of the slide.



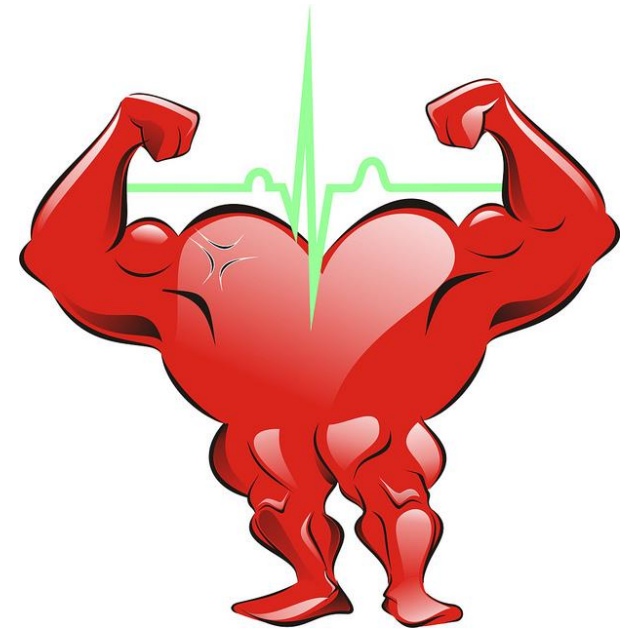
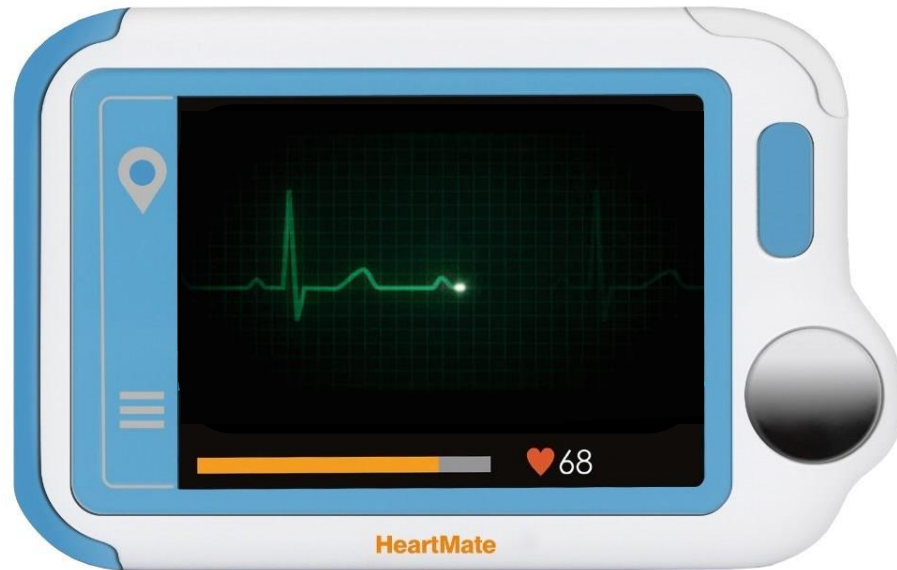
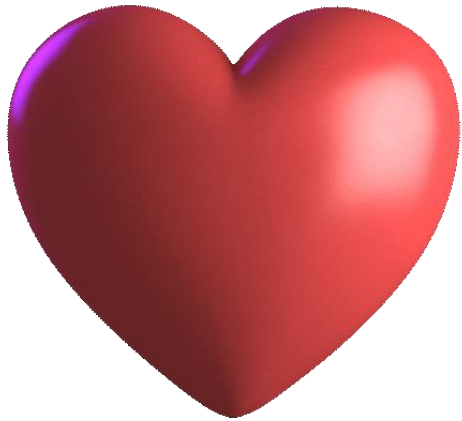




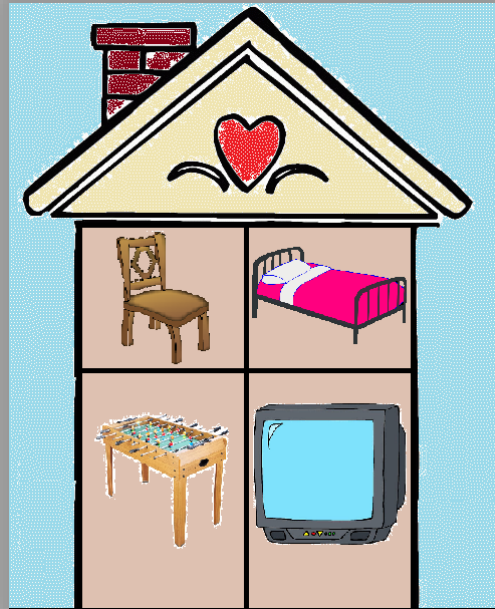
ECHO



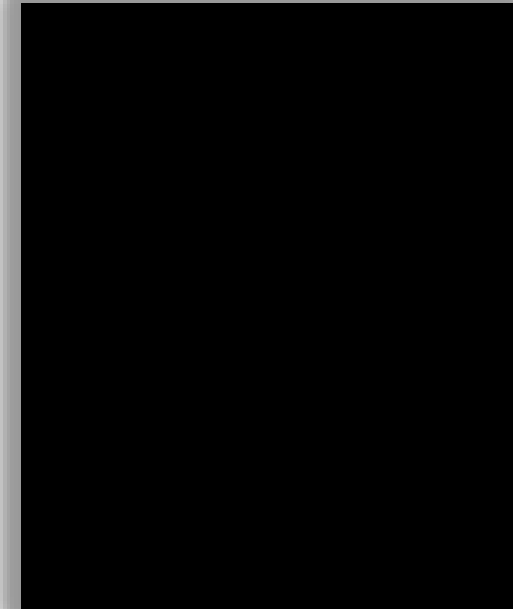
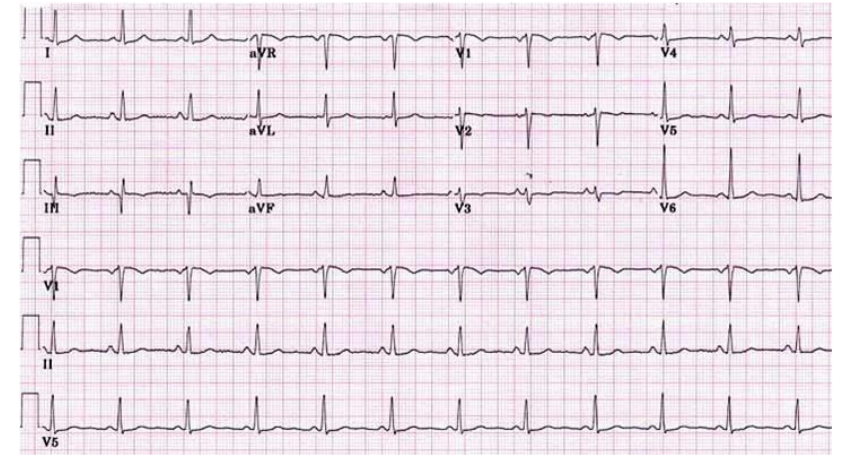
Hoe kan een hart pompen?

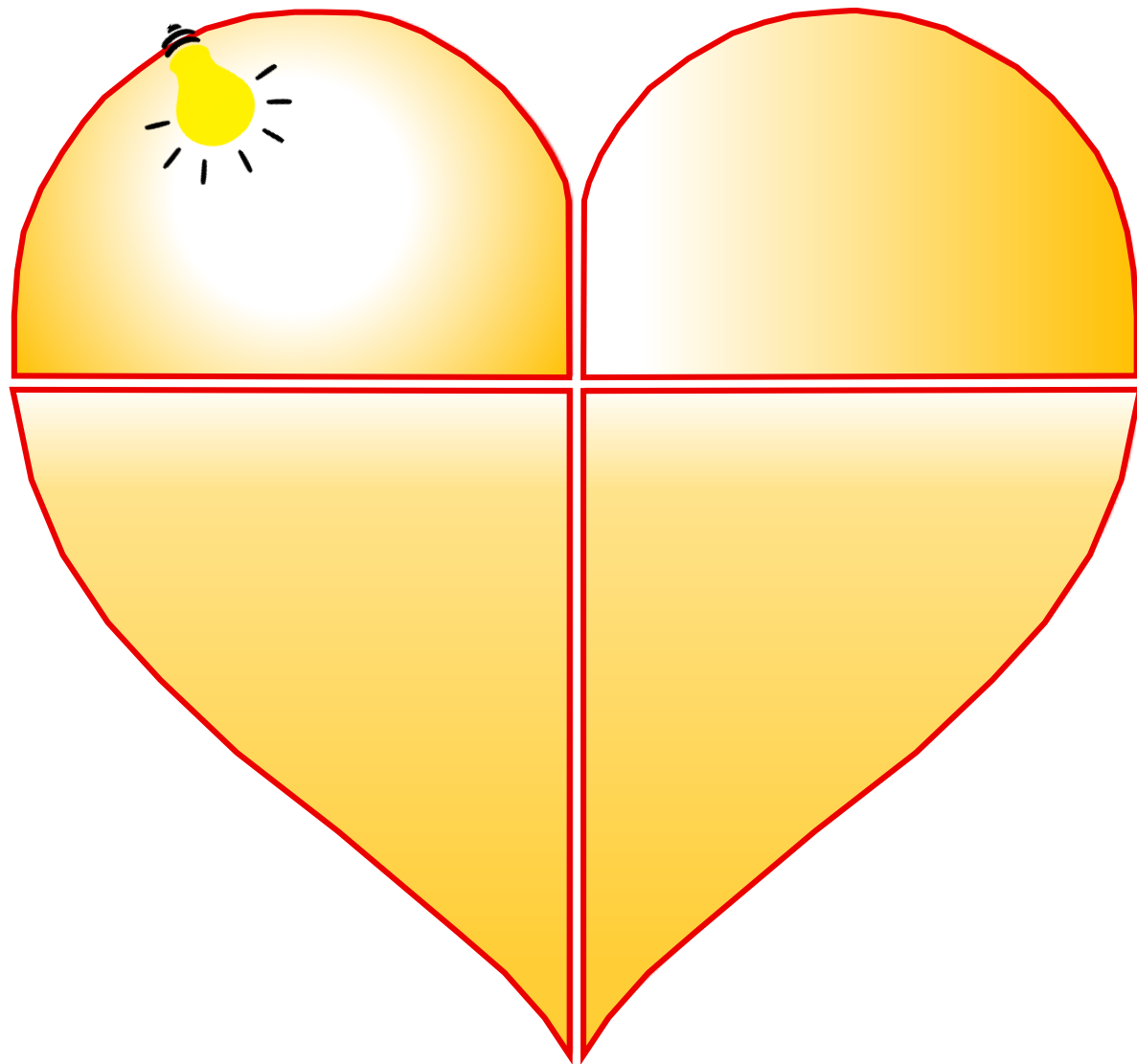


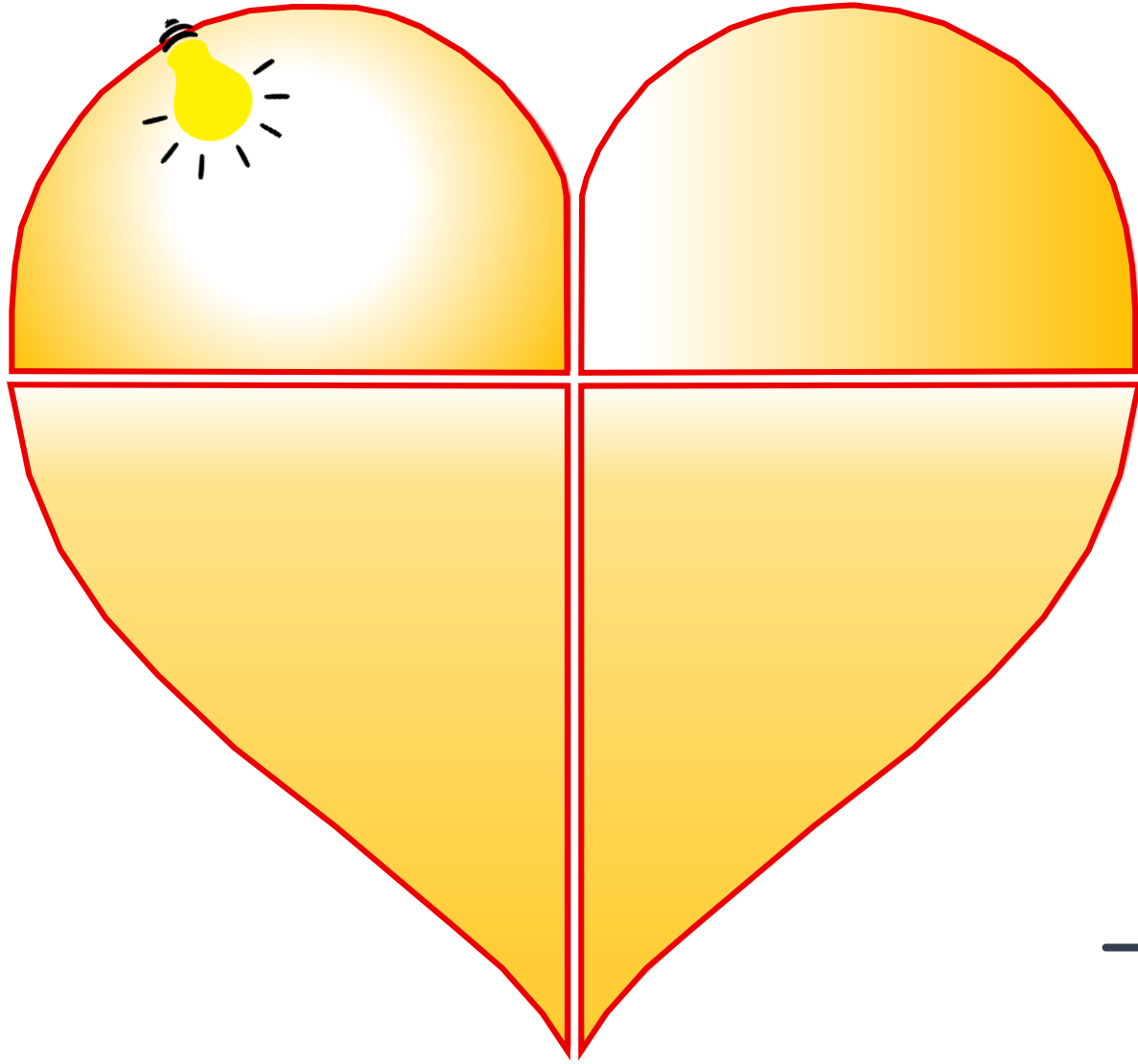
ECHO



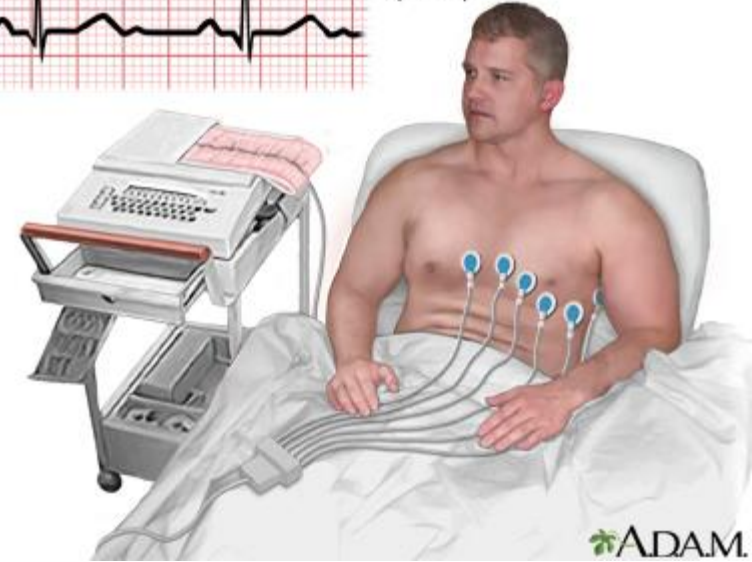
ECG



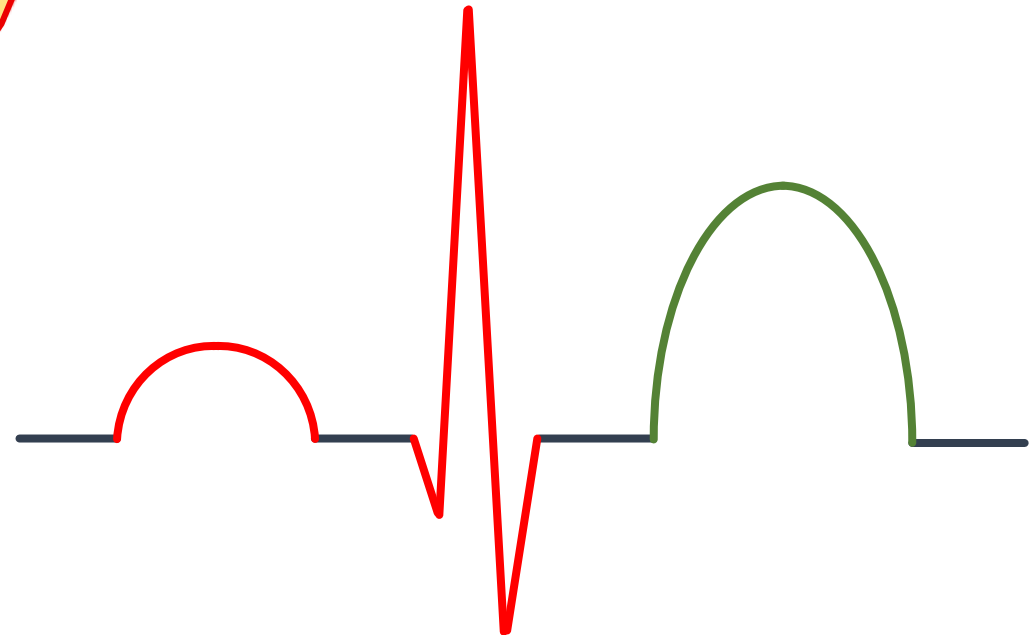


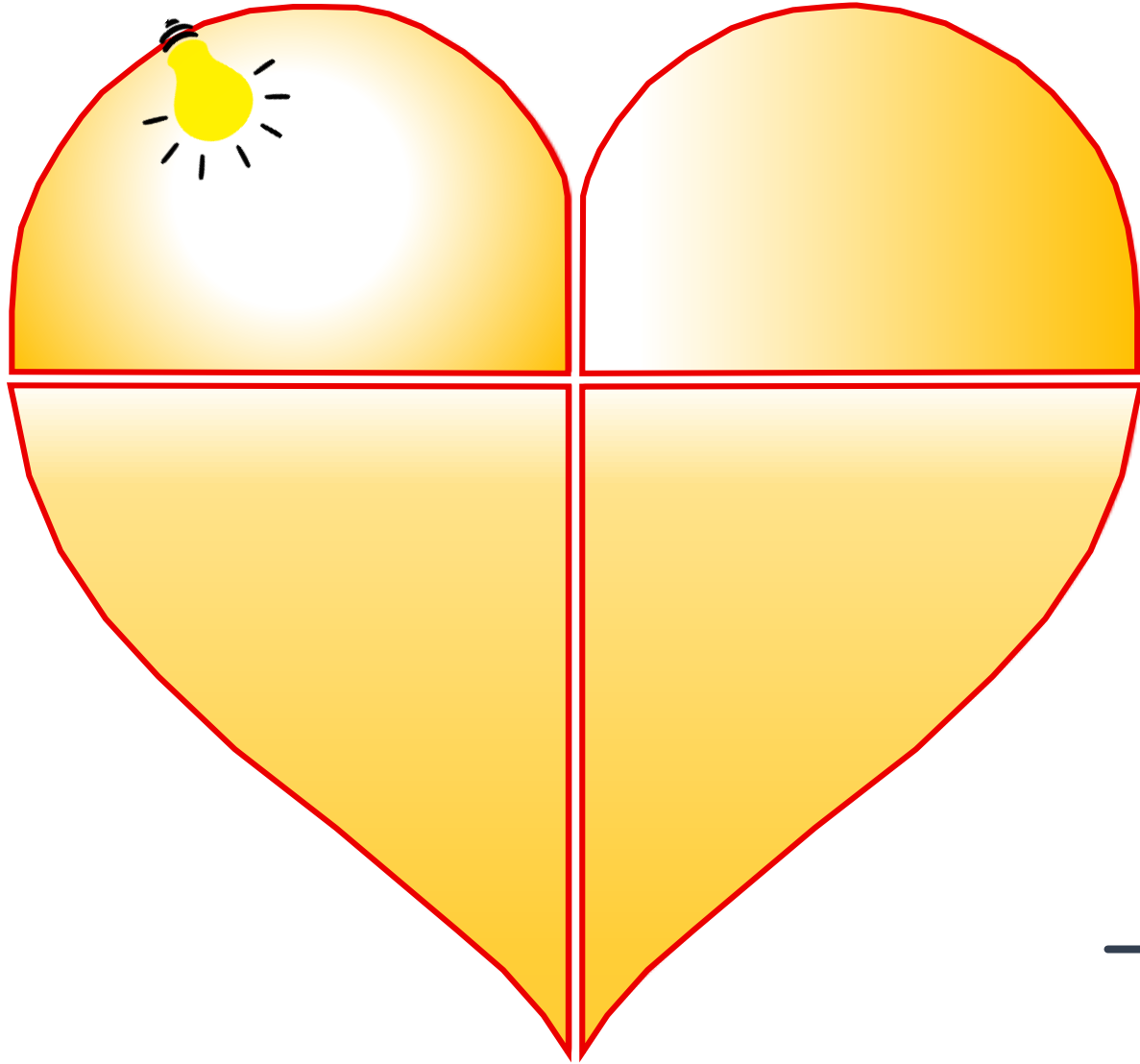


Electrocardiogram (ECG)

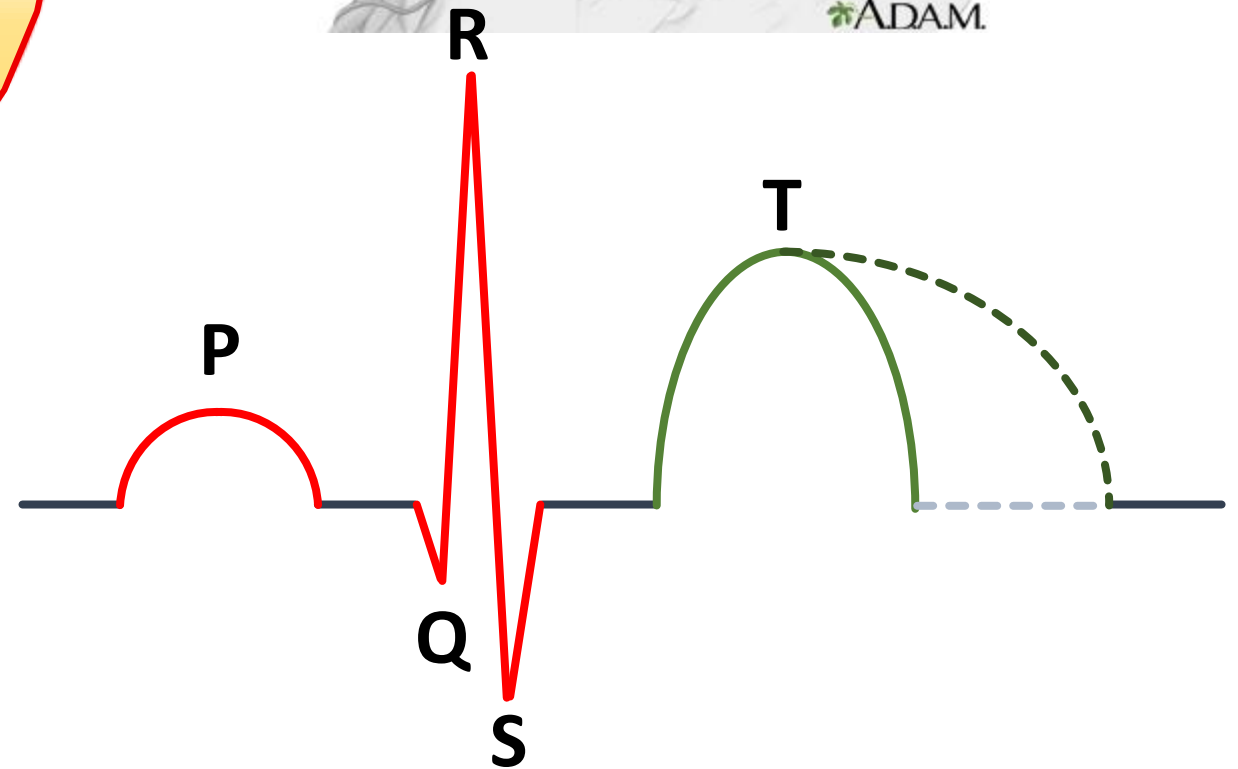
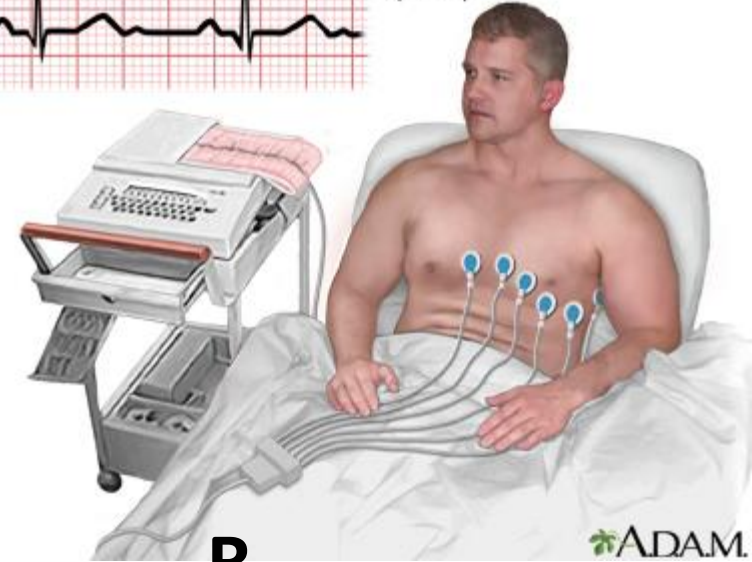


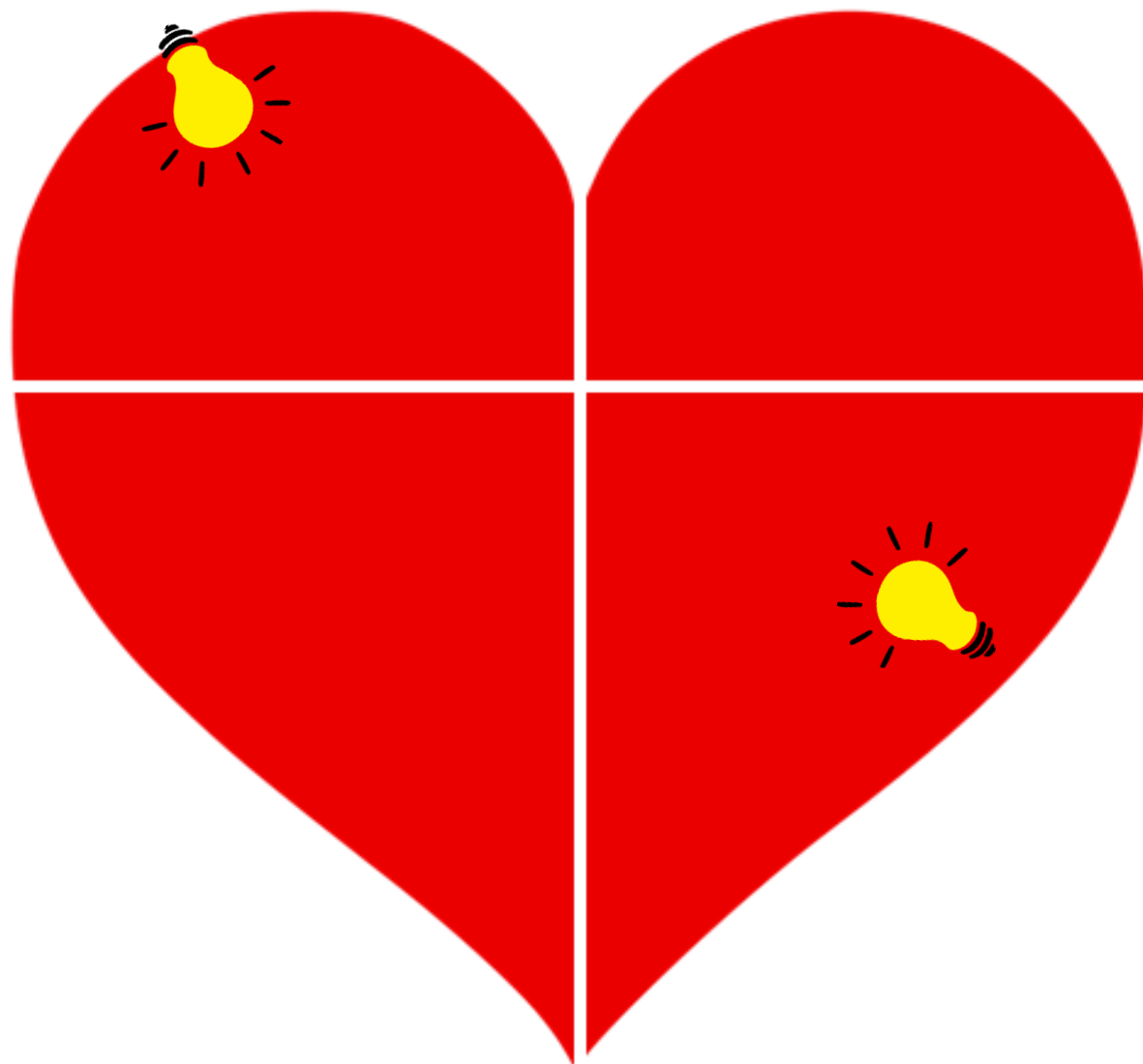
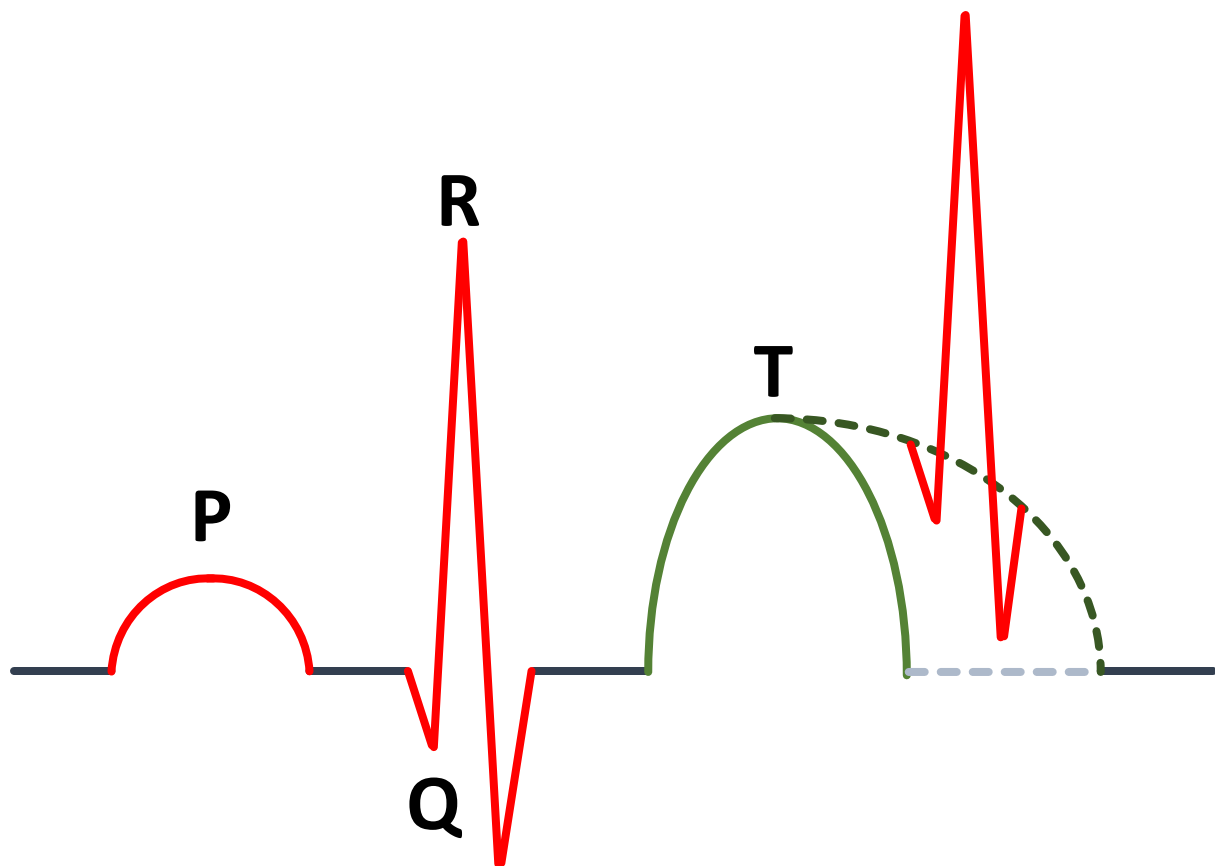
ADAM.

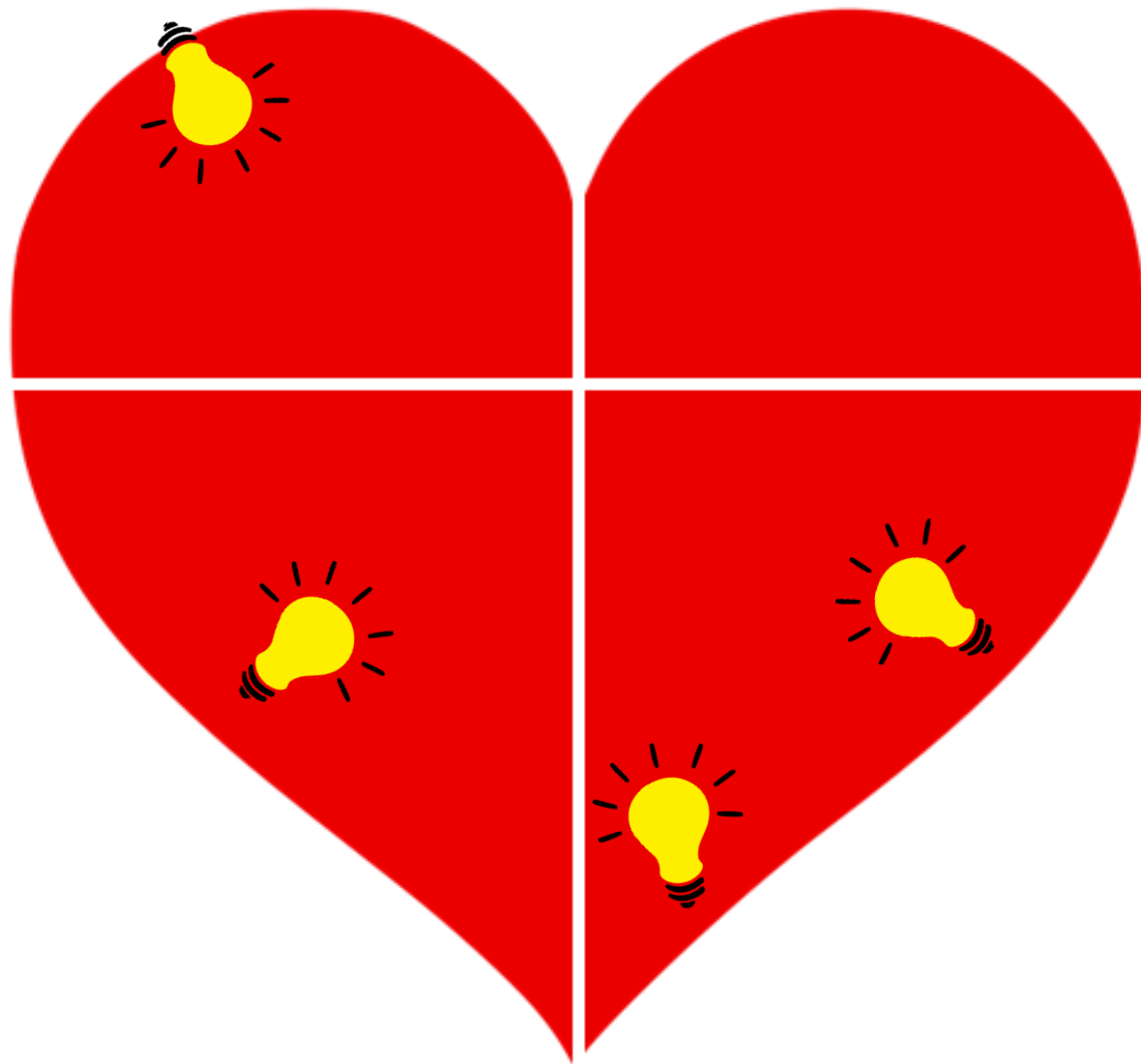




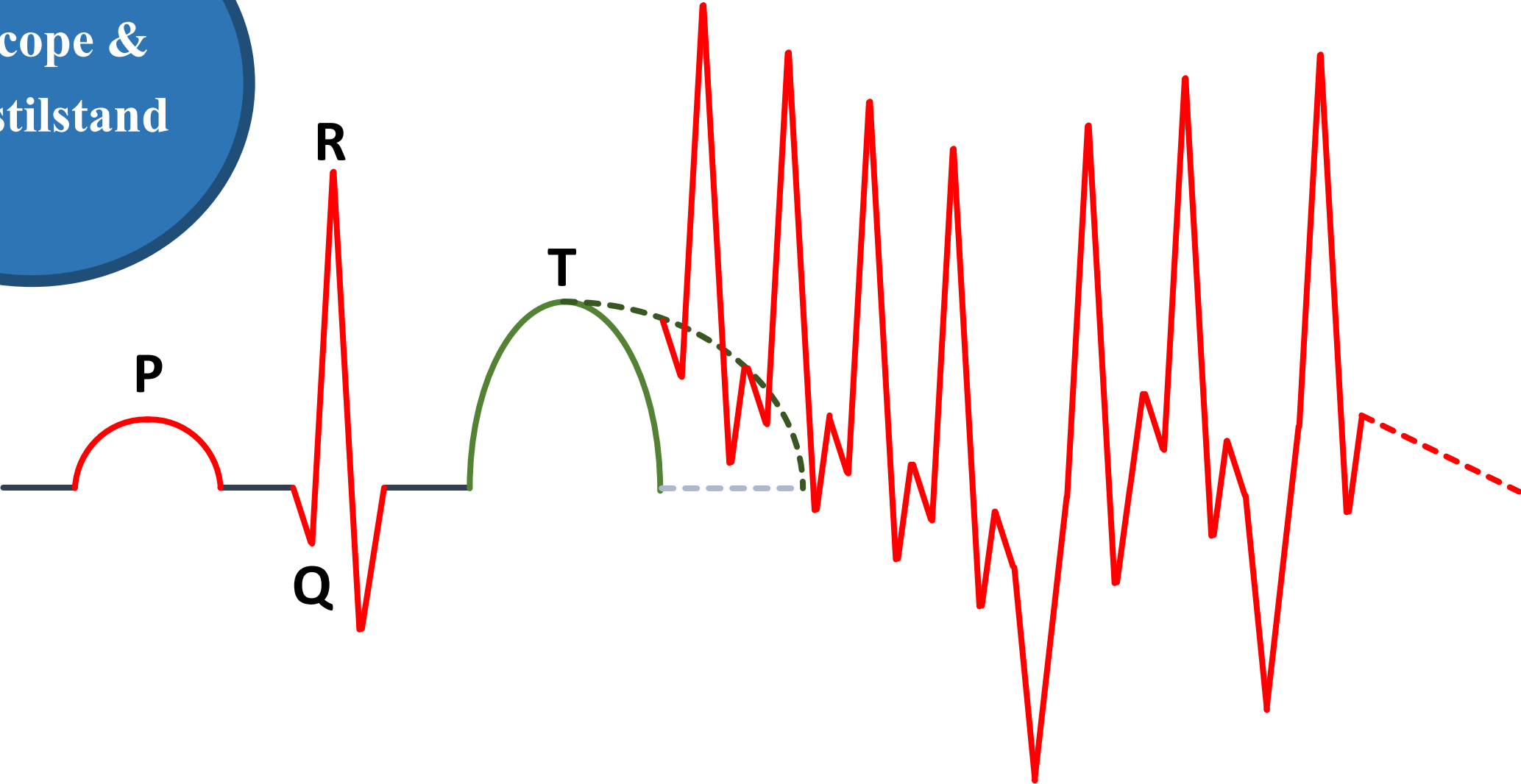
Electrocardiogram (ECG)







Syncope &
hartstilstand



**Syncope &
hartstilstand**

**Type LQTS
Geslacht
Mutatie
Medicatie
Elektrolyten**



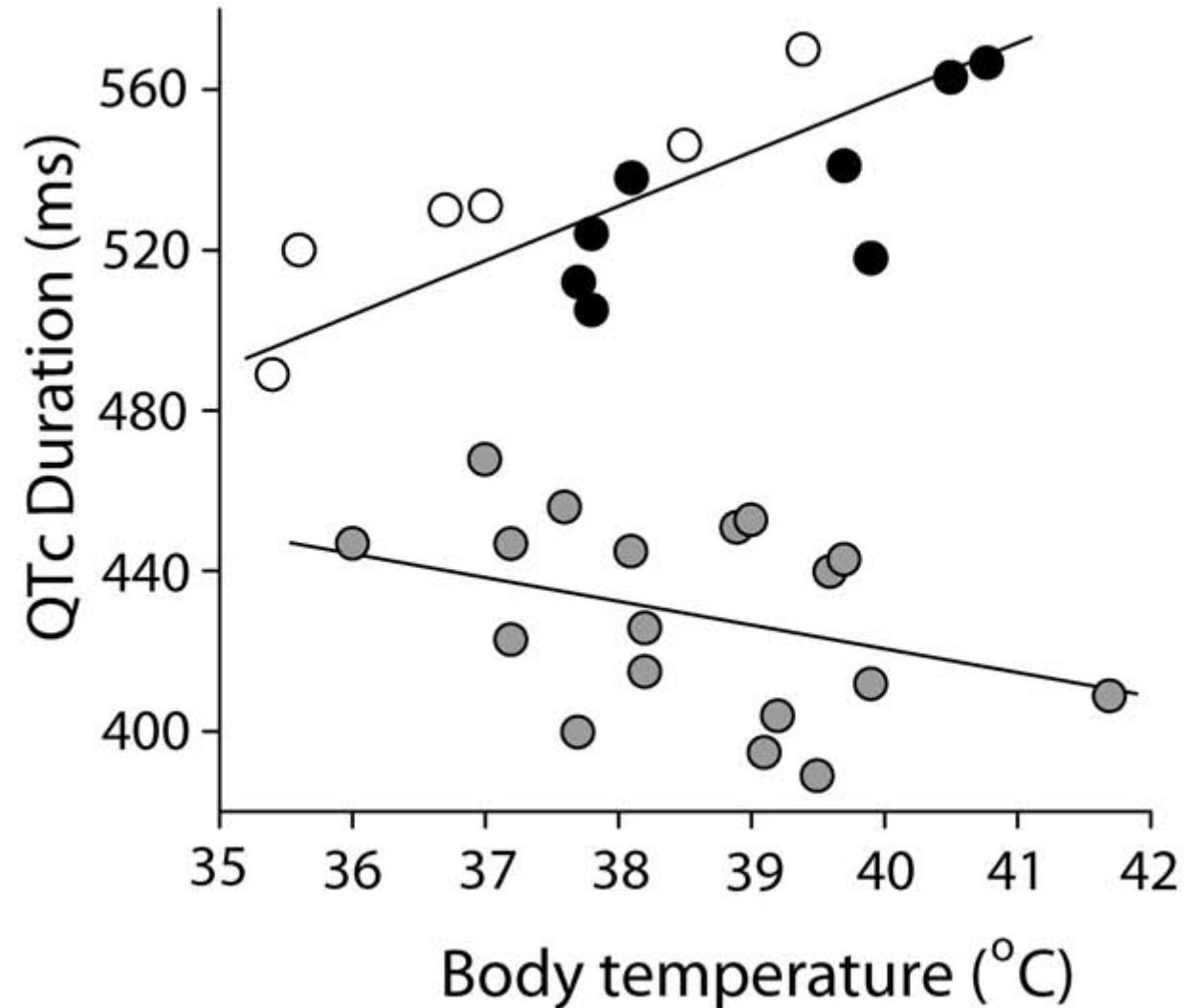
QTc

470 – 499 ms: 40%

> 500 ms: 70%

**Koorts als
risicofactor
bij 2 mutaties
(A558P & F640V)**

**Koorts of
infectie is
verder niet
bekend als
trigger.**



Adviezen voor patiënten met LQTS

- Vaccinatie wordt aangeraden in alle patiënten met lang QT syndroom.
- Temperatuur regelmatig meten en bij gevoel van verhoging.
- Bij temperatuur >38 graden Celsius paracetamol innemen (*3 keer per dag 1000mg en maximaal 4 keer per dag*).
- Bij persisteren van koorts of braken/diarree contact met de huisarts of cardioloog.



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