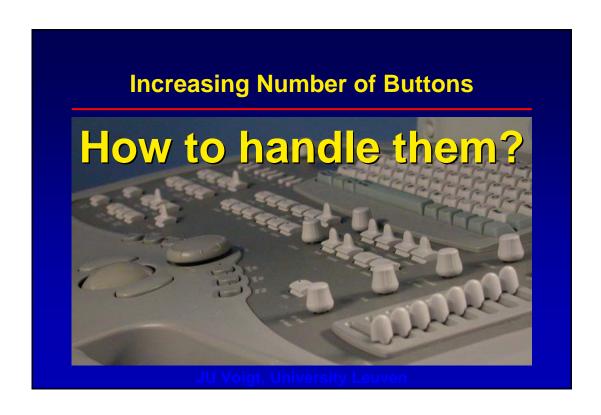


The Beginning ... Inge Edler and Hellmuth Hertz Echo Machine from 1954 (photo taken in 1977) JU Voigt, University Leuven



Principles

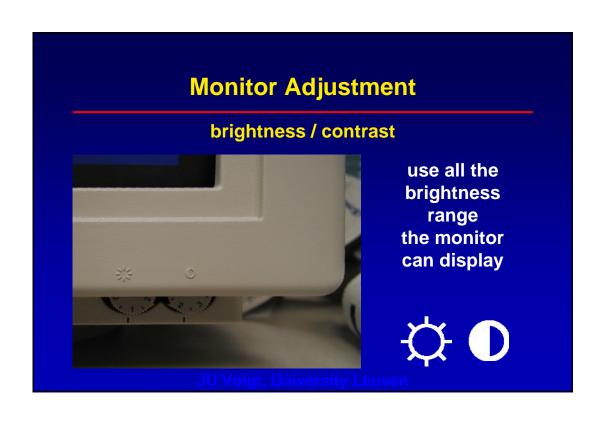
1.) Make yourself comfortable!

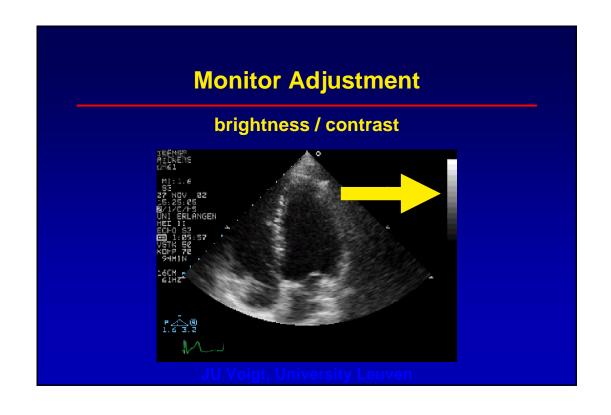
Dim the light in the room.

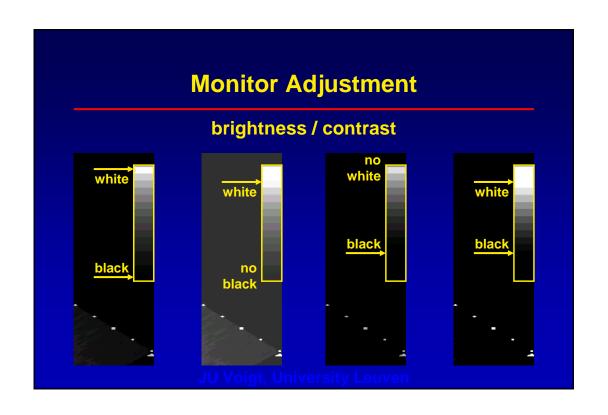
Find your preferred scanning position.

Adjust the monitor.

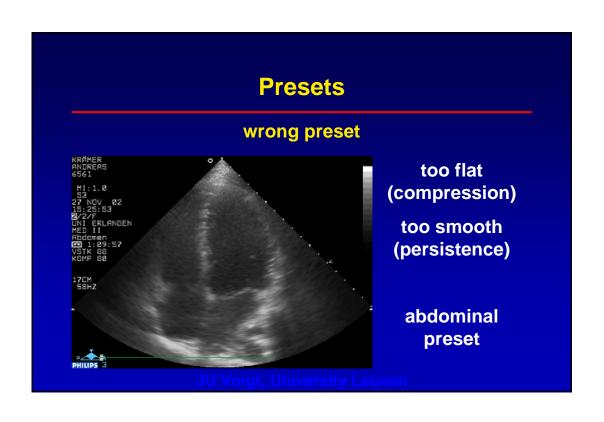
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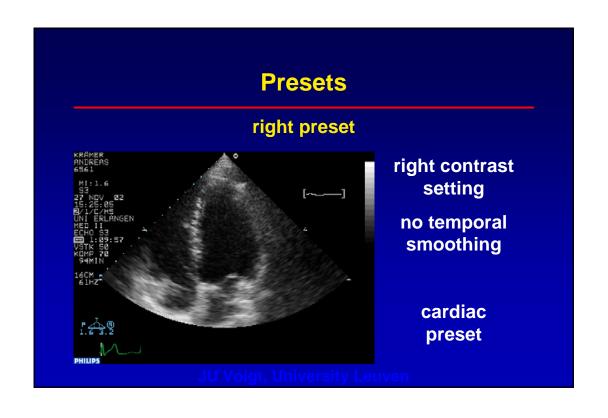


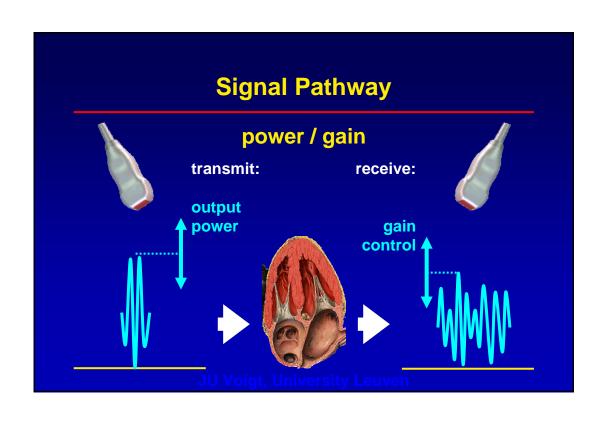


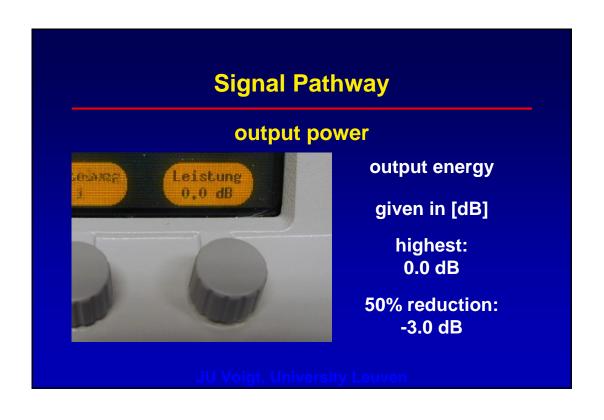


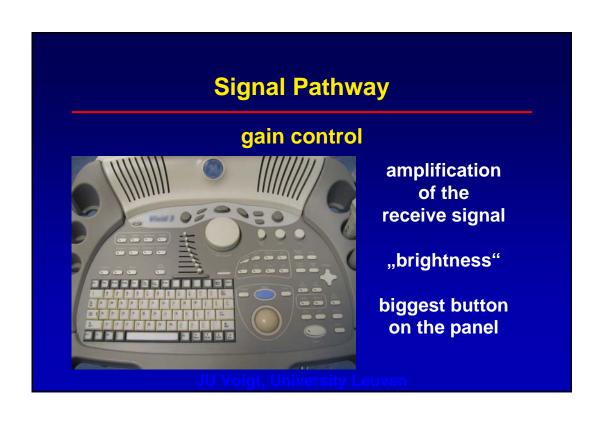


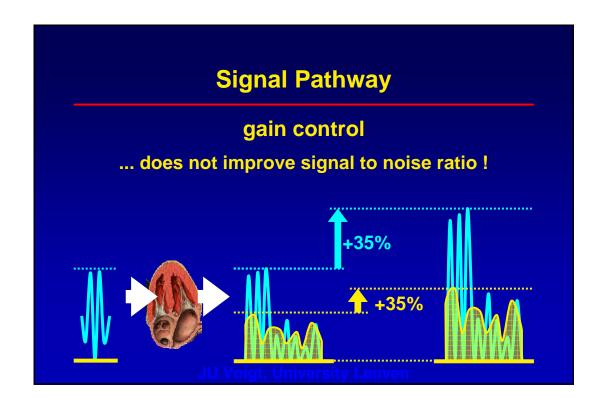


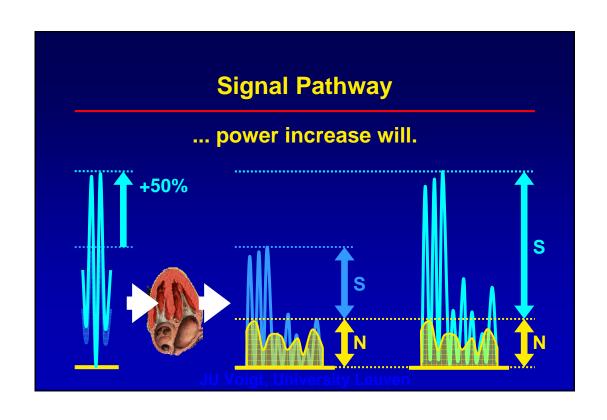


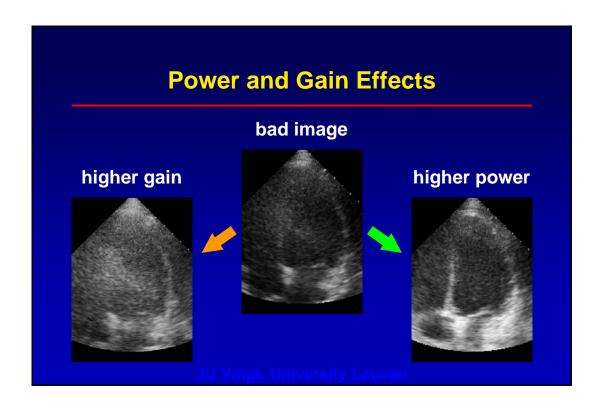


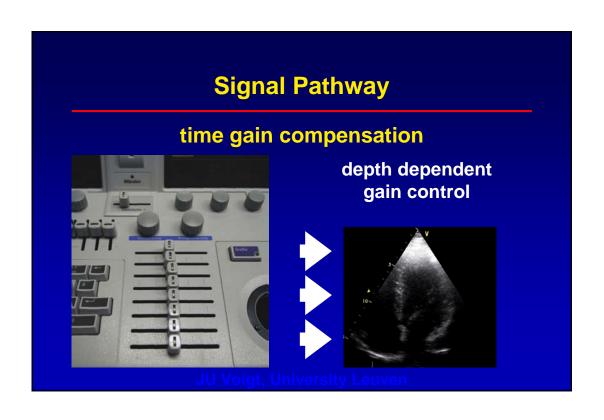


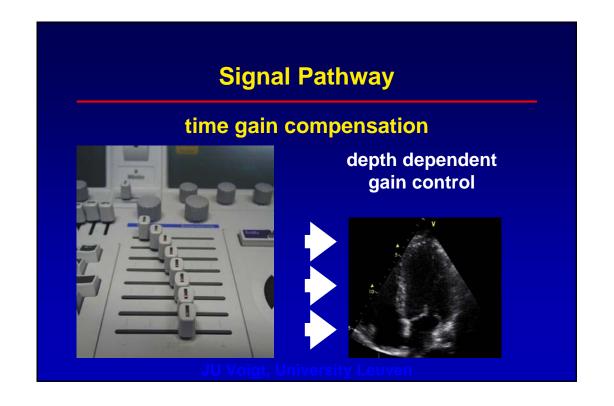


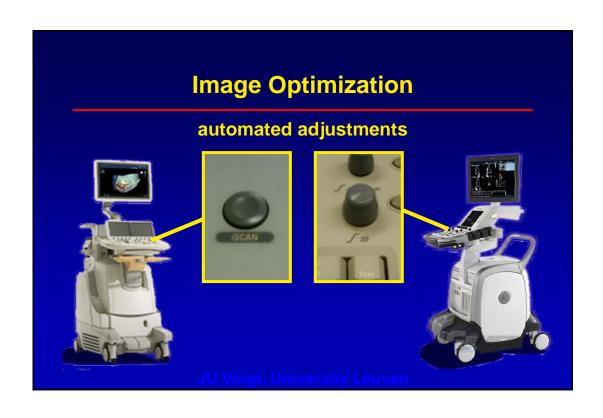












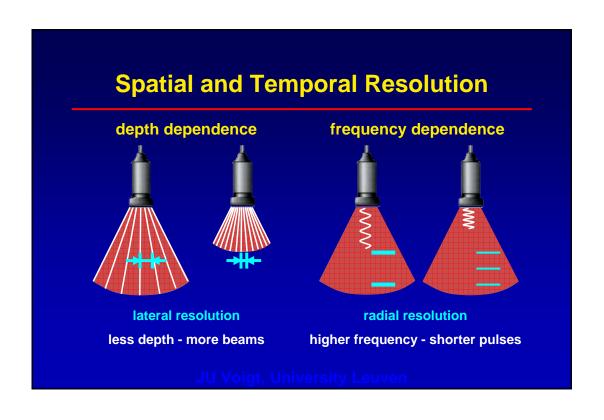
Principles

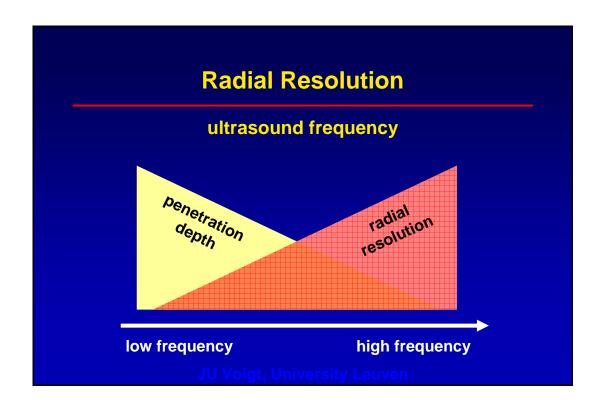
3.) Nothing in life is for free.

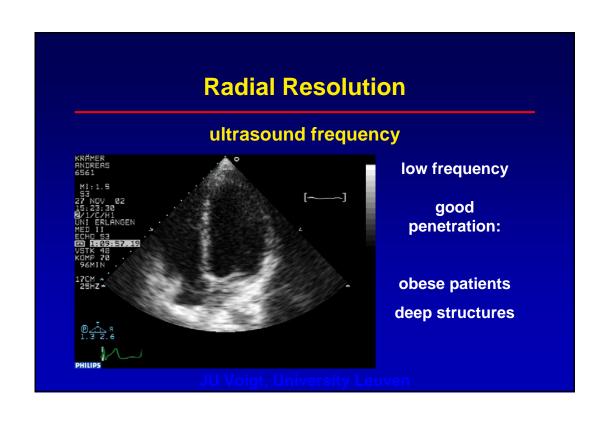
Spatial vs. temporal resolution:

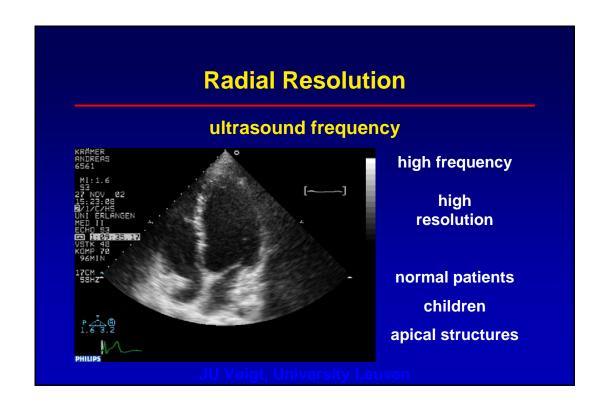
Ultrasound Frequency
Harmonic Imaging
Focus
Depth / Sector Width / Frame Rate

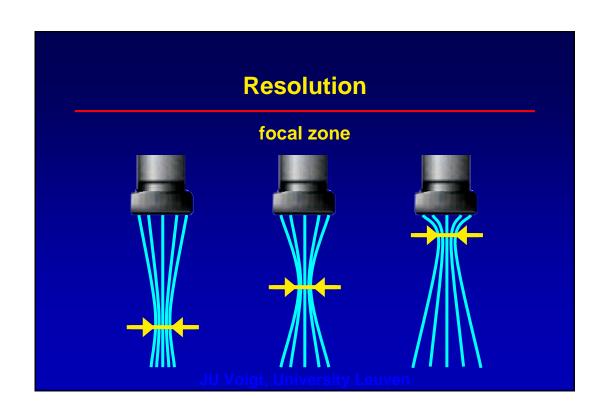
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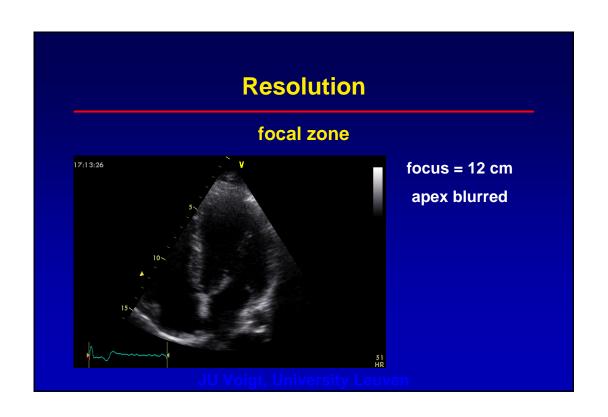


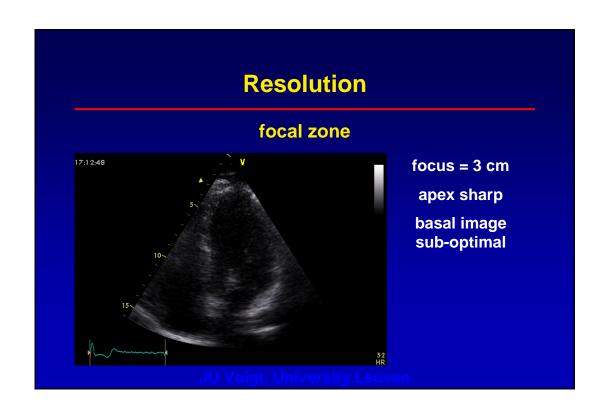


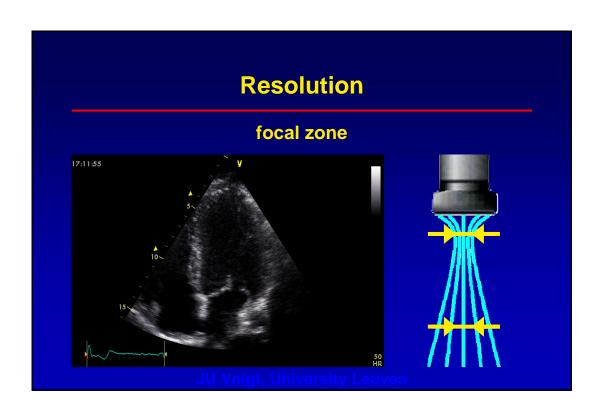


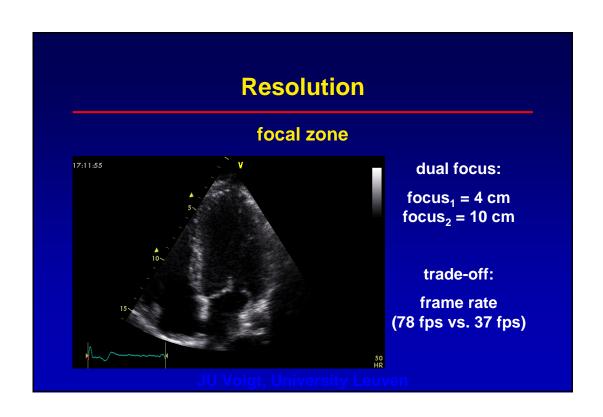


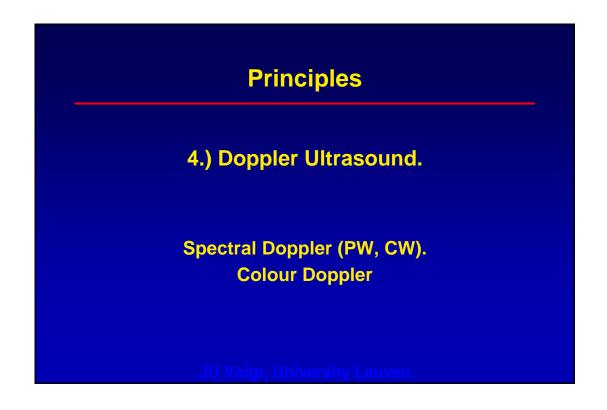


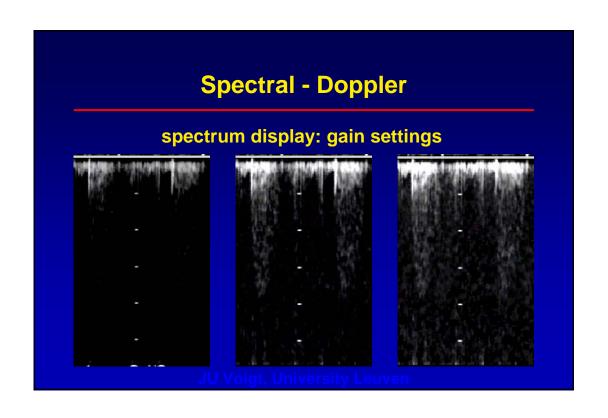


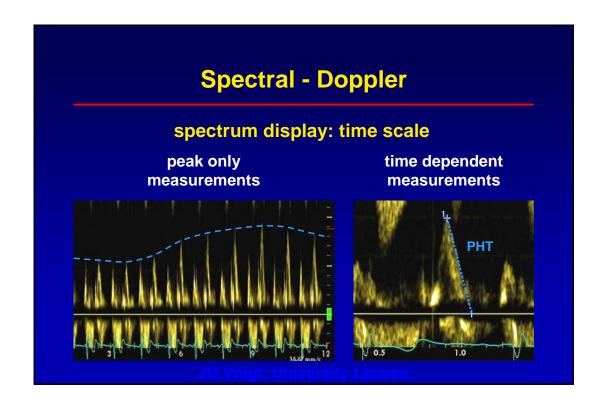


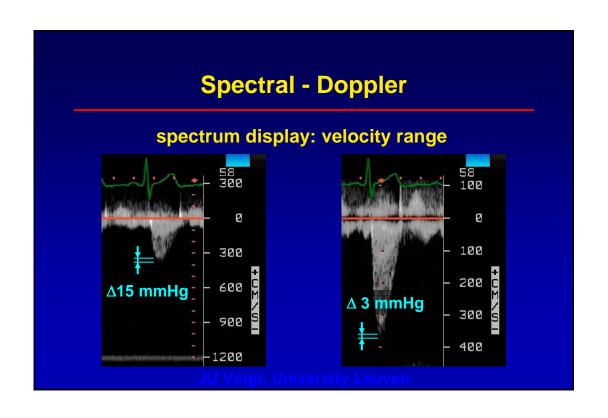


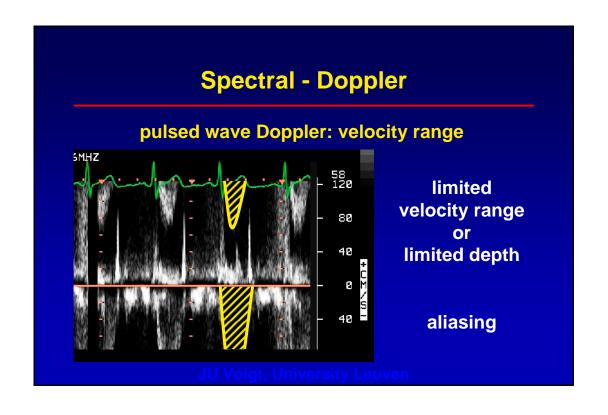


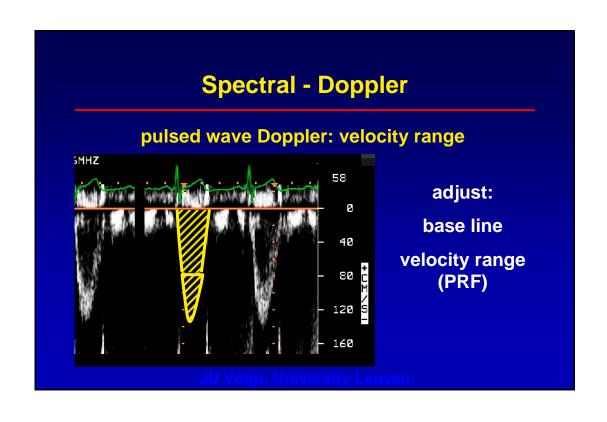


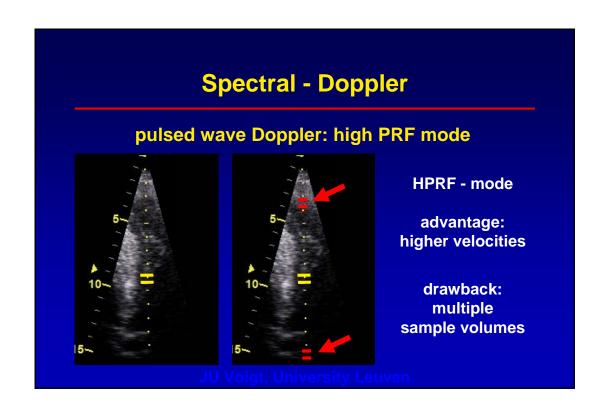


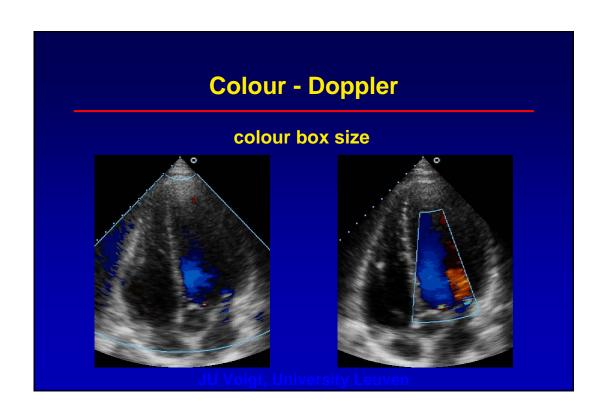


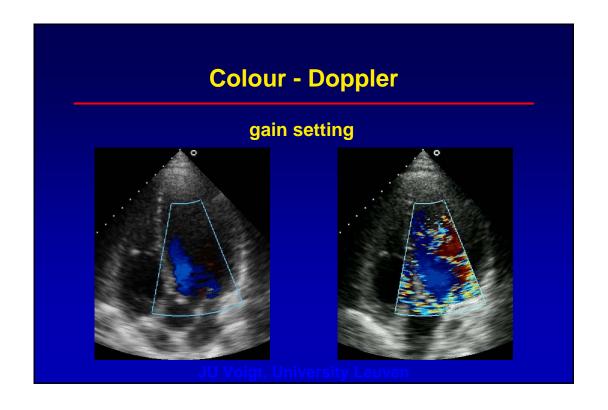


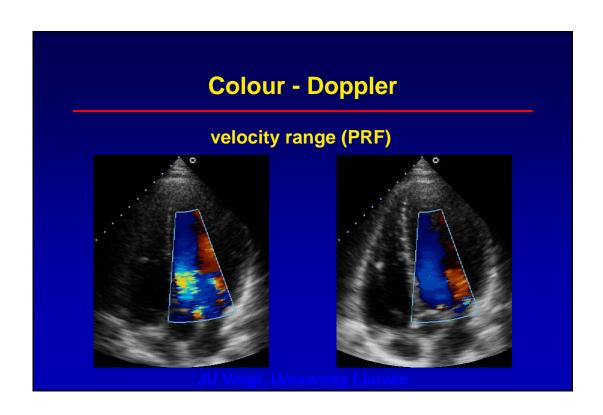












Principles

5.) In case of problems, don't call the technical service. First of all, think!

Requirements:

Know what you want to see.
Know something about ultrasound.
Recognize what's wrong.

JU Voigt, University Leuven