

Frederick W. Kremkau, Ph.D.
Professor of Radiologic Sciences
Wake Forest University School of Medicine



PRINCIPLES OF SONOGRAPHY

Kremkau



Disclosures

Frederick W. Kremkau

Relevant Financial Relationships: None

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Learning Objectives

After completing this presentation, the learner will be able to:

1. Explain the fundamental principle used in sonographic imaging
2. Describe the image formats used in sonography
3. Describe how echoes are generated
4. List the primary components of a sonographic transducer
5. List the primary components of a sonographic instrument
6. Describe the Doppler effect
7. List the ways in which Doppler information is presented

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Lecture

- A. Imagin
- B. Ultras
- C. Trans
- D. Instru
- E. Doppl



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SONOGRAPHY
sonos: [Latin] "sound"
ΥγραΦειν: [Greek] "to write"



FETAL FOOT IN MOUTH

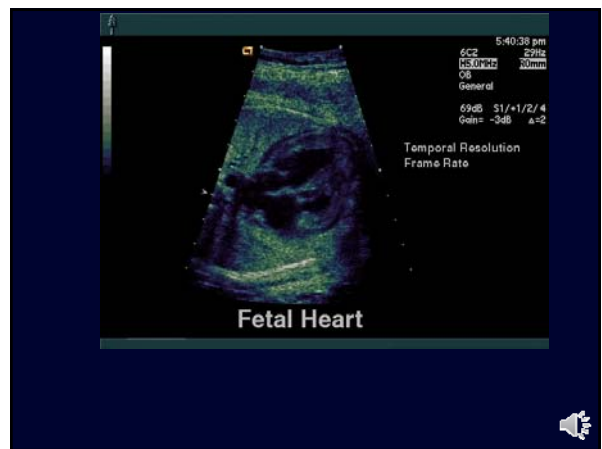
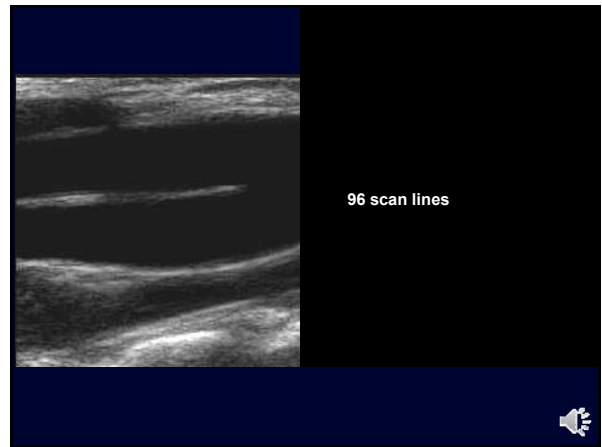
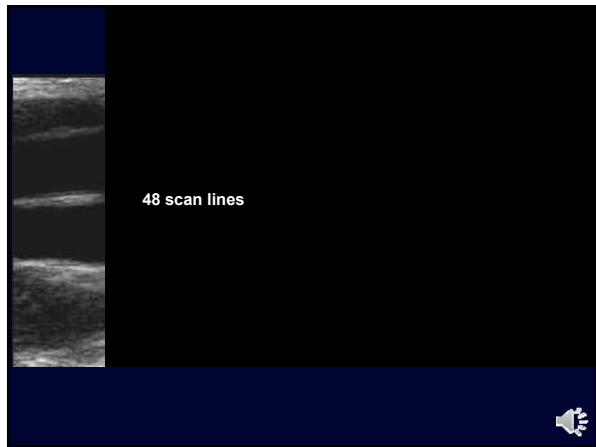
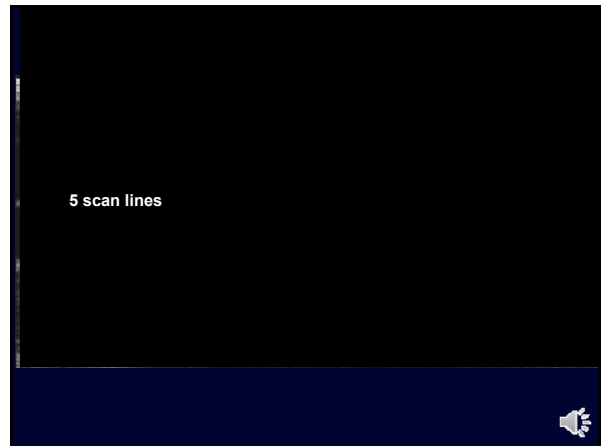
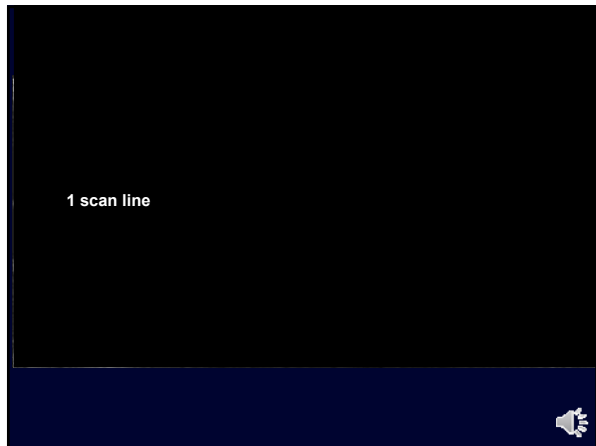
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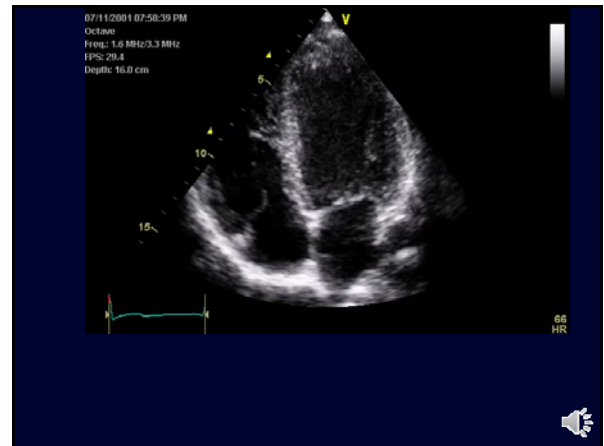
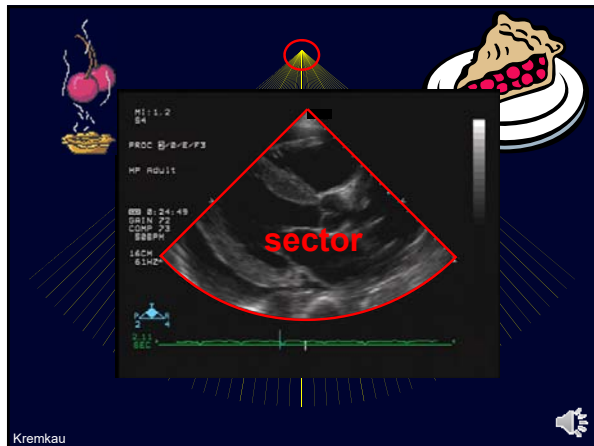
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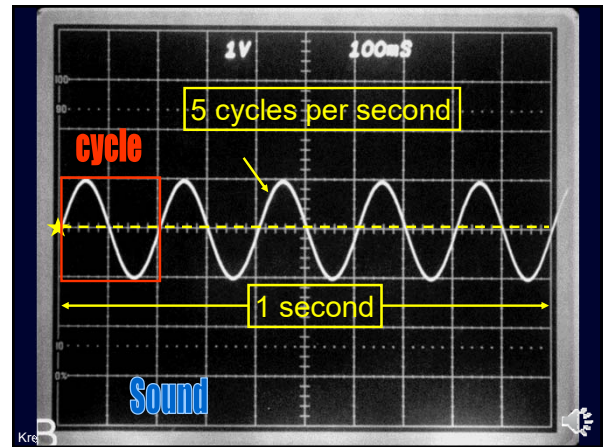
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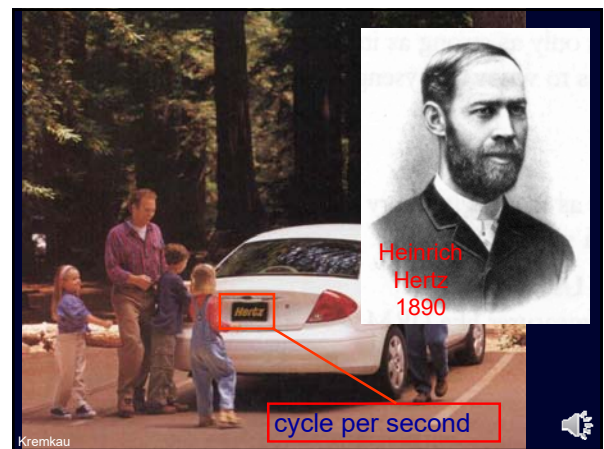
- Ultrasound
 - Transducers
 - Instruments
- Kremkau

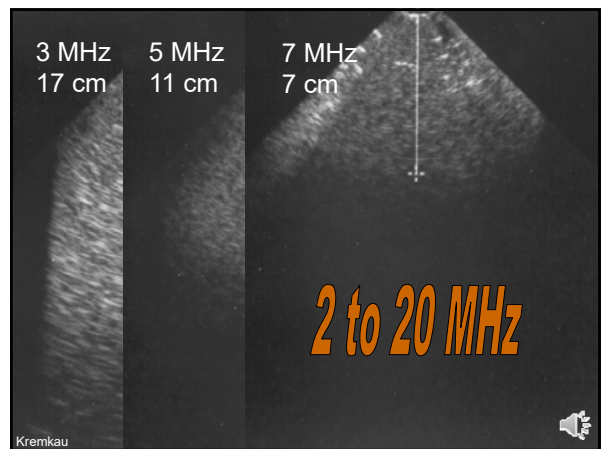
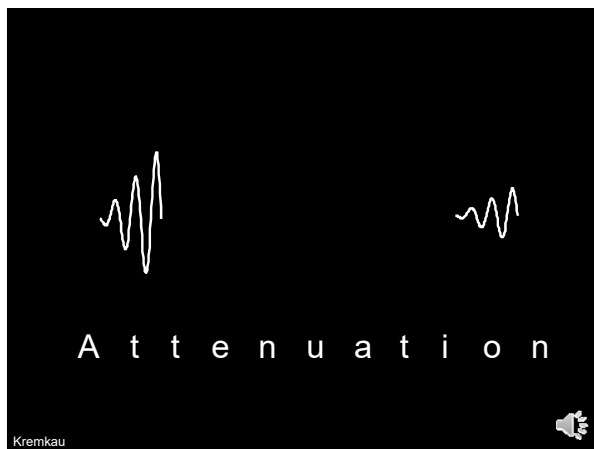
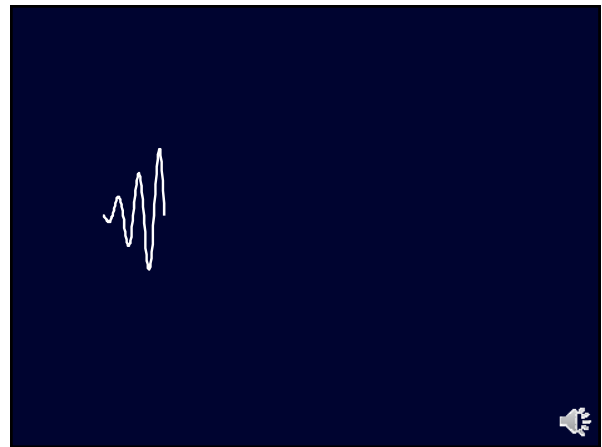
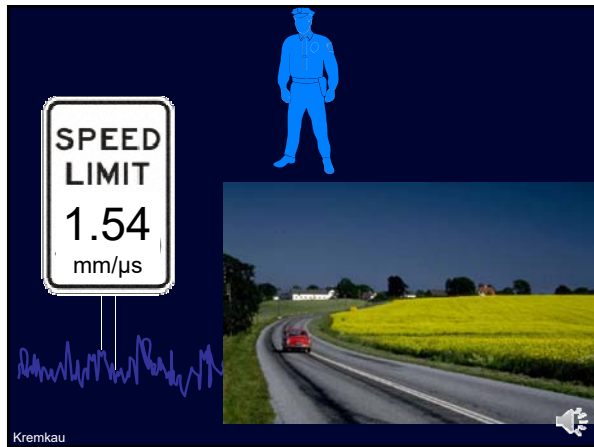


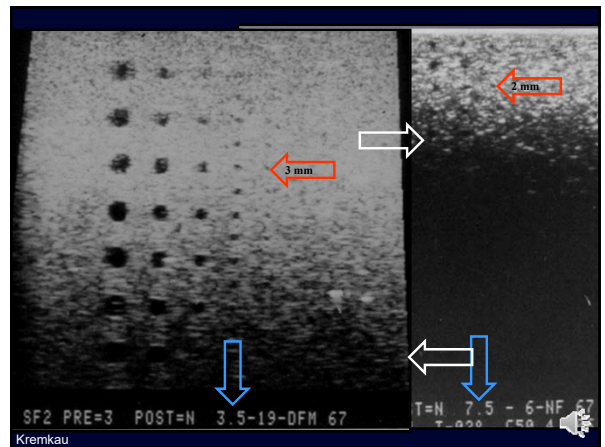
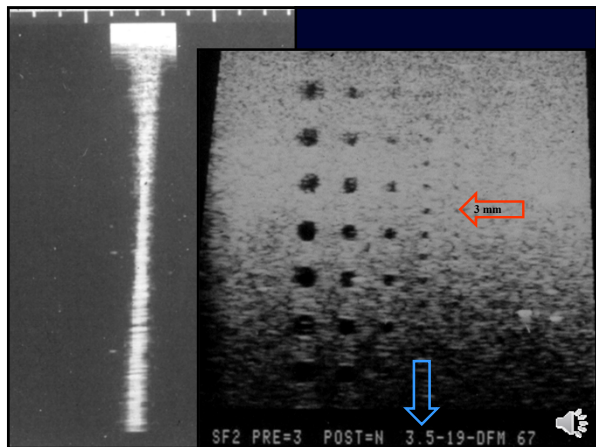
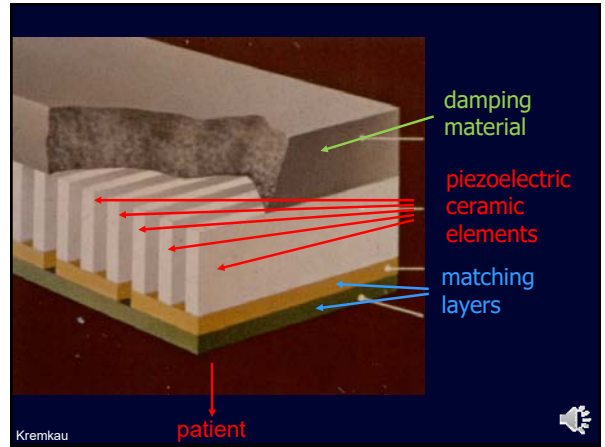
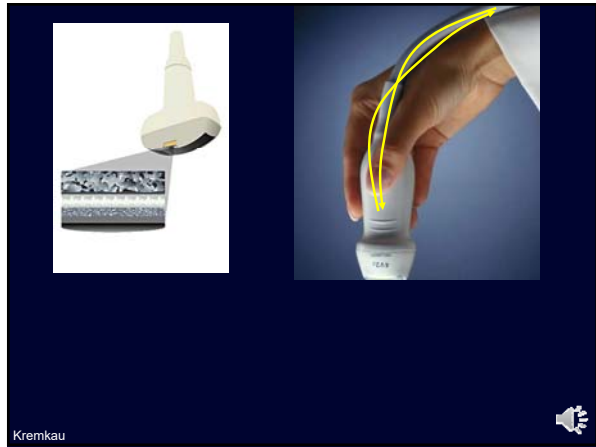
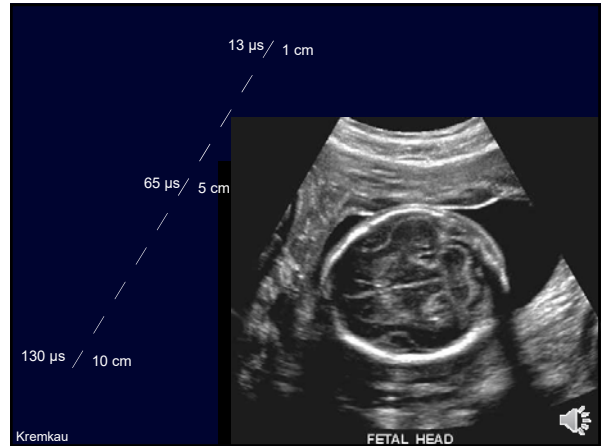
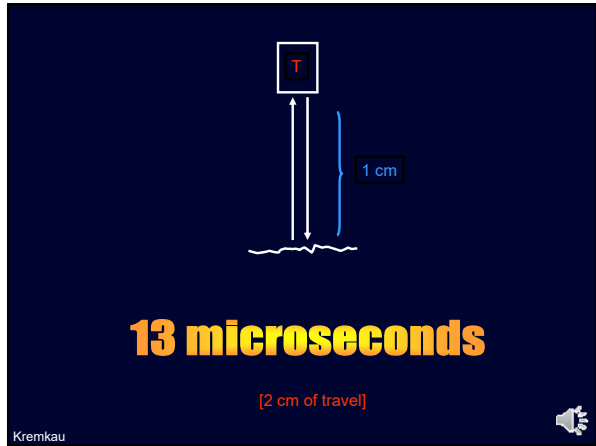
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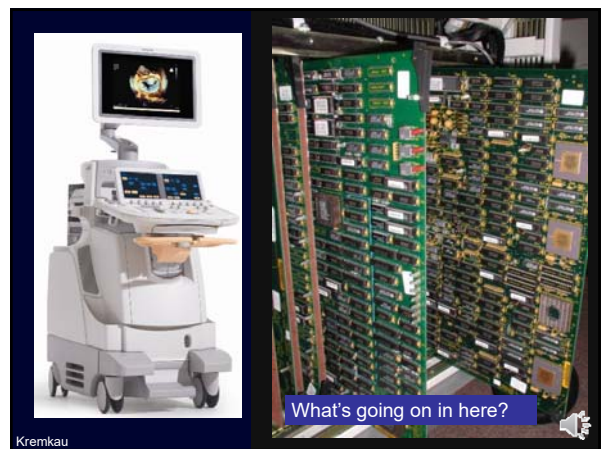
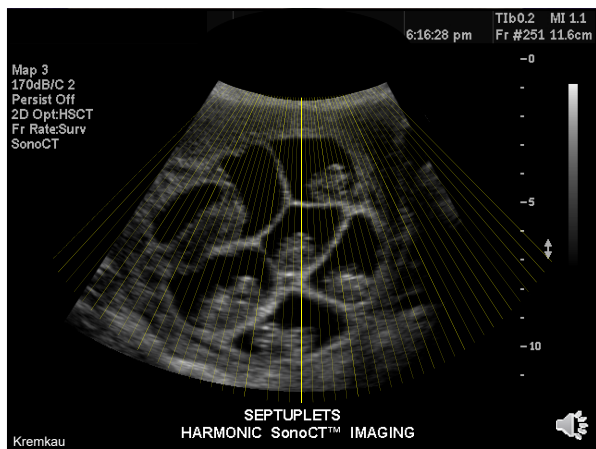
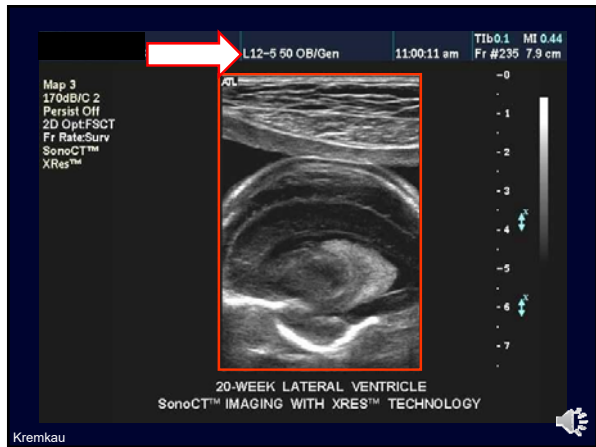
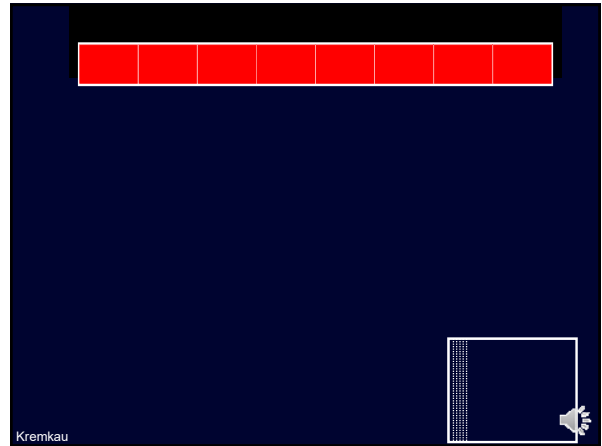
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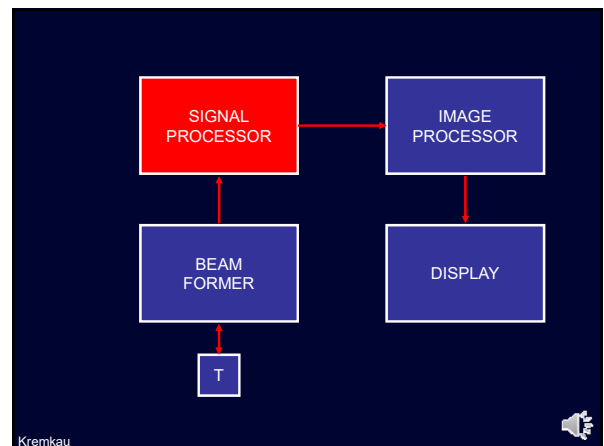
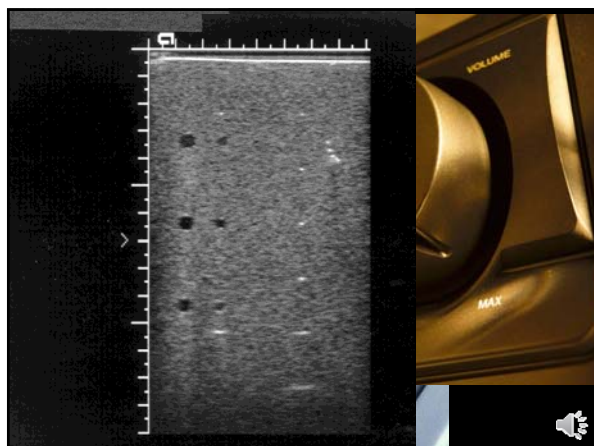
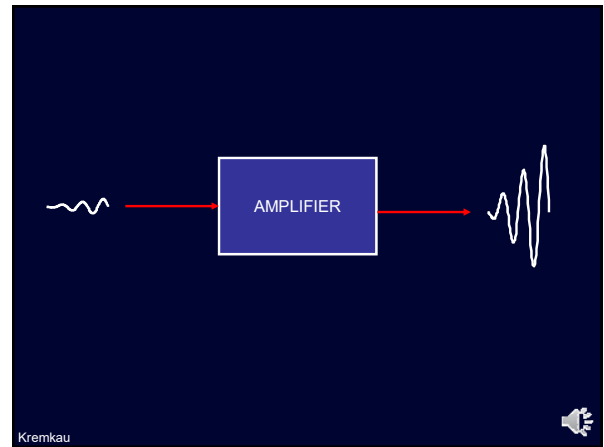
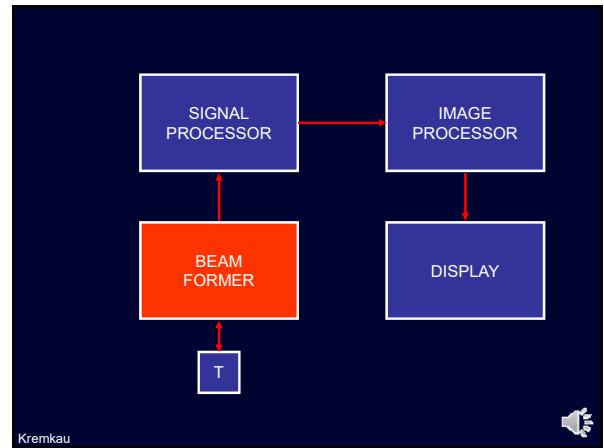
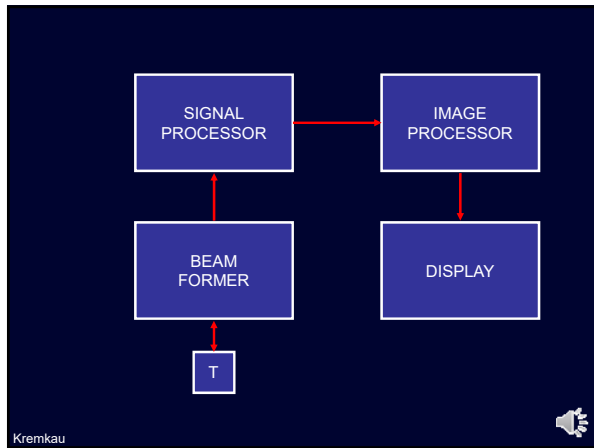
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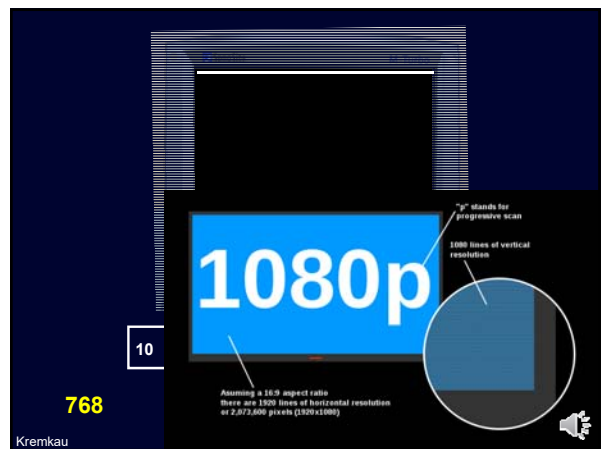
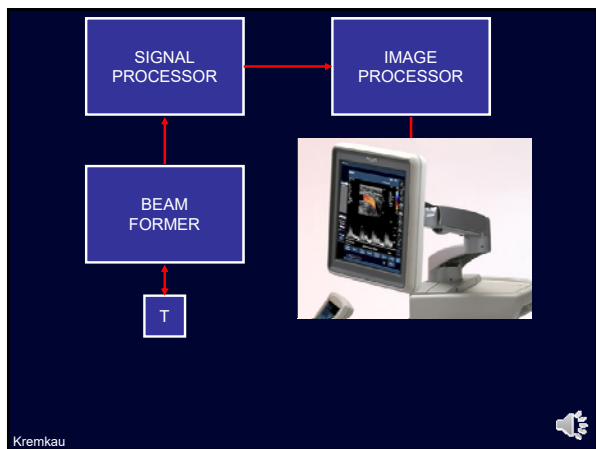
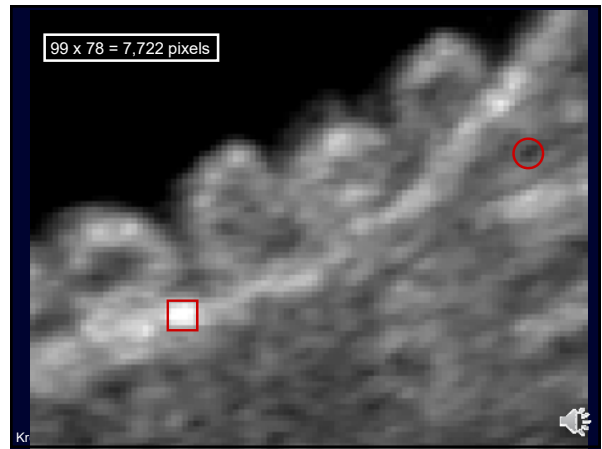
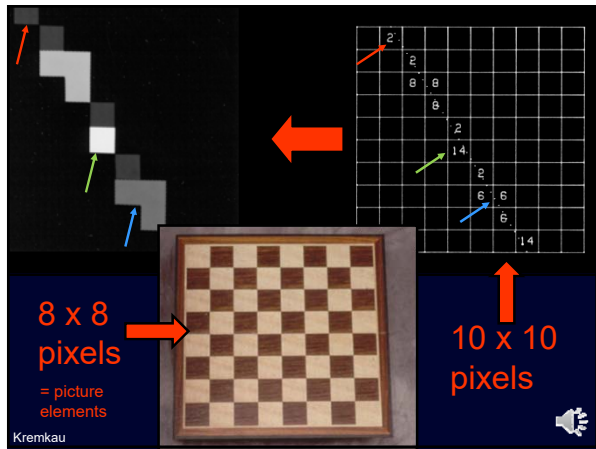
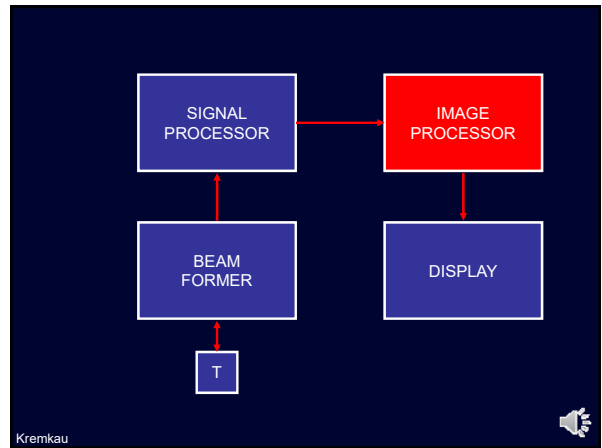
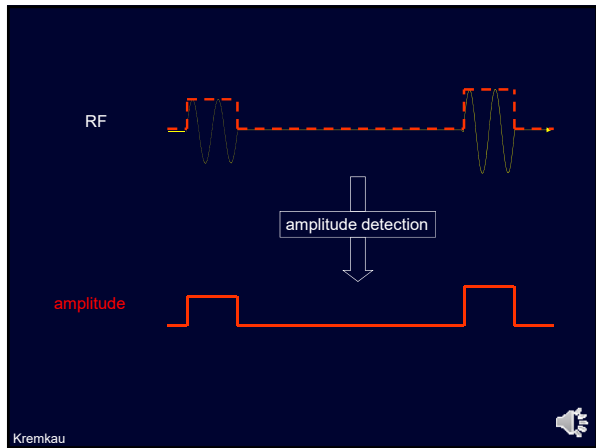


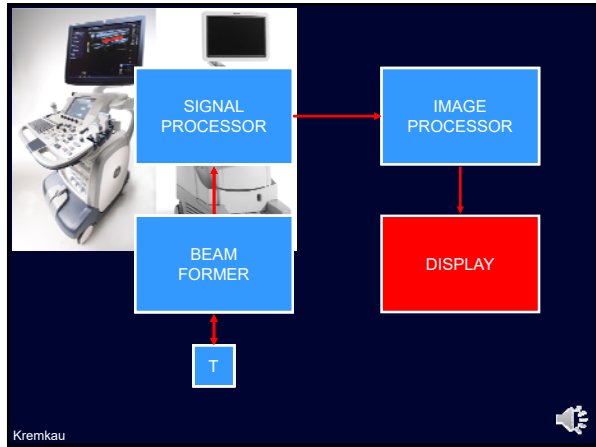
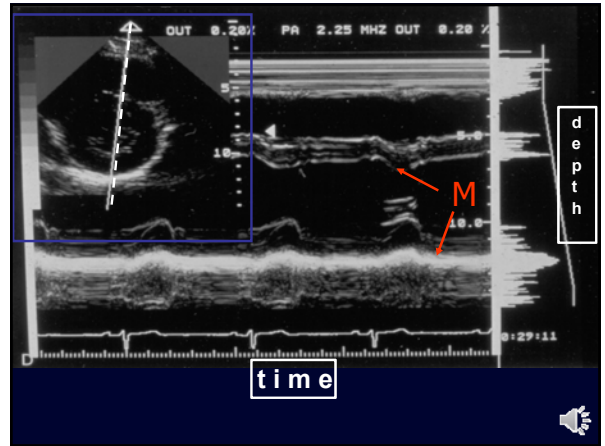
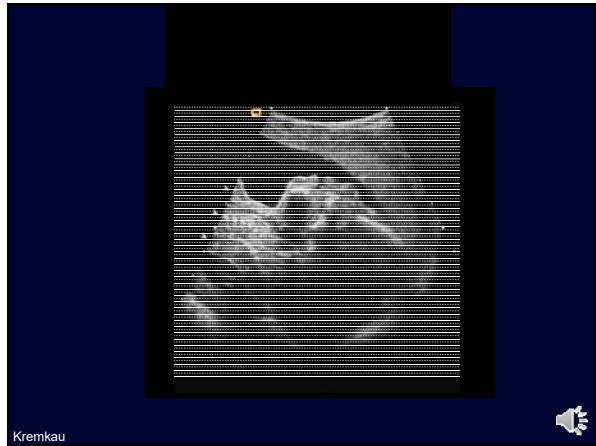












Doppler Principles

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