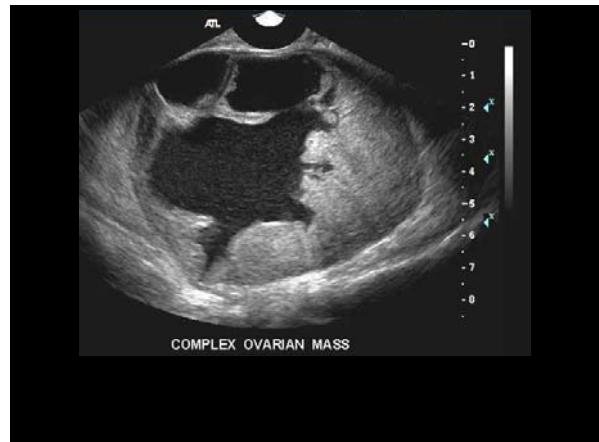


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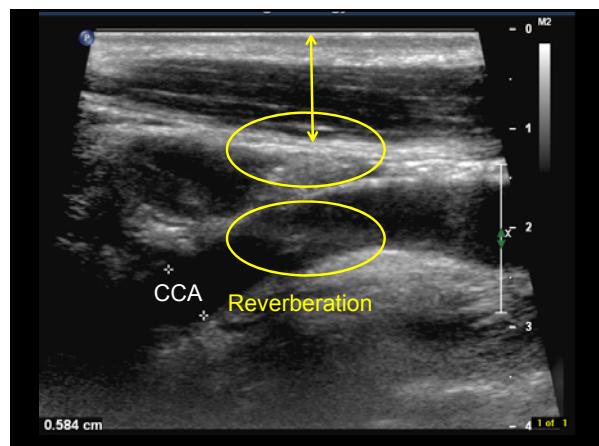


## ARTIFACTS



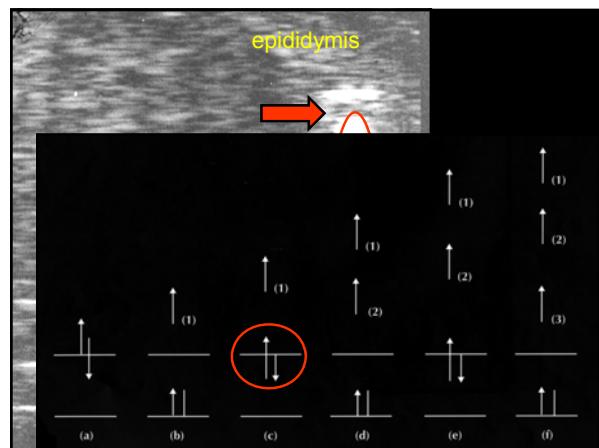
## PROPAGATION GROUP

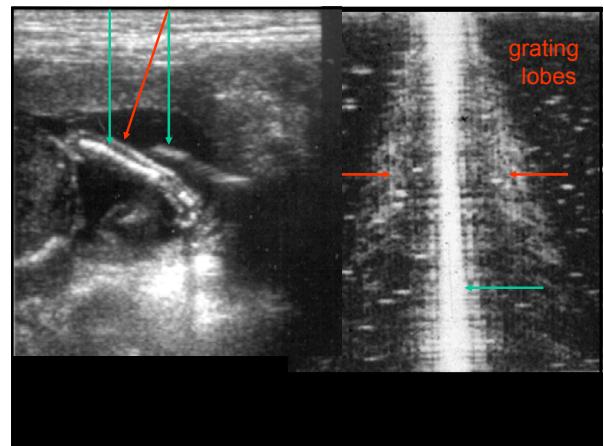
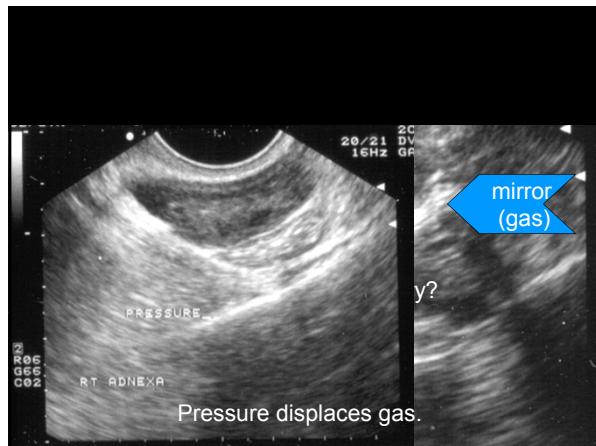
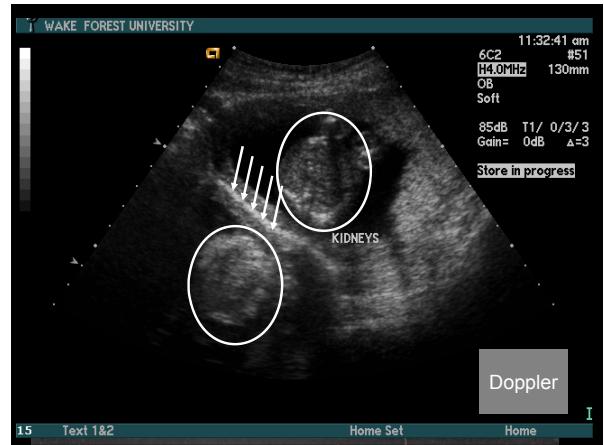
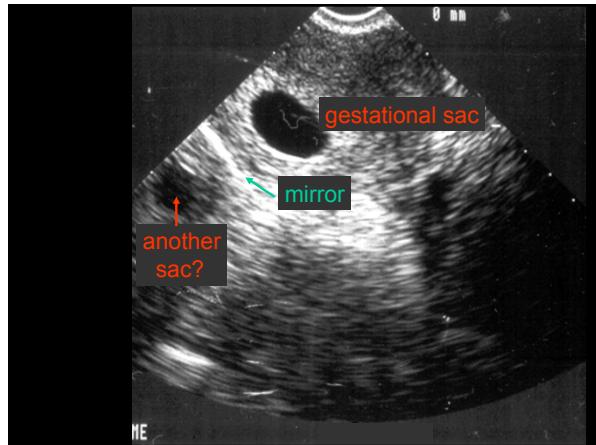
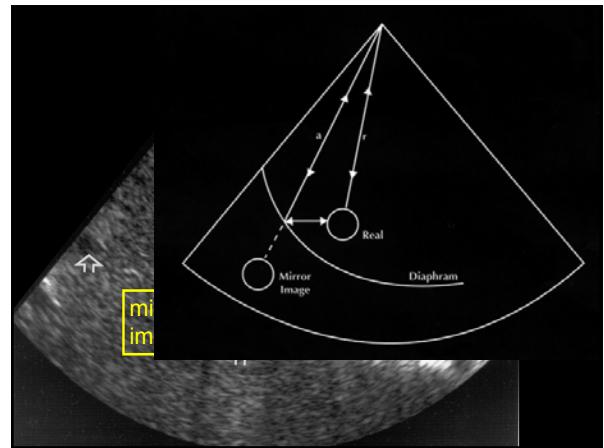
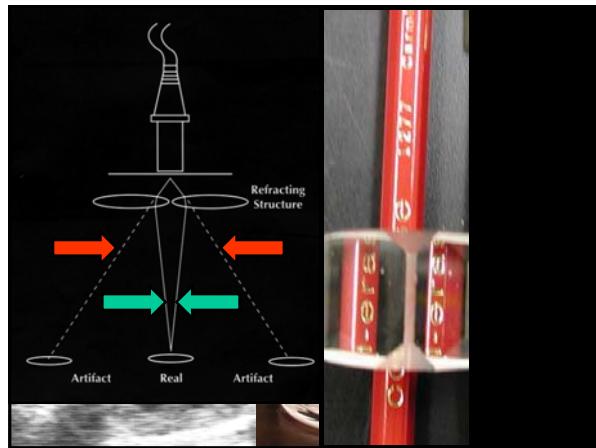
- reverberation
- refraction
- mirror image
- grating lobes
- speed error
- range ambiguity

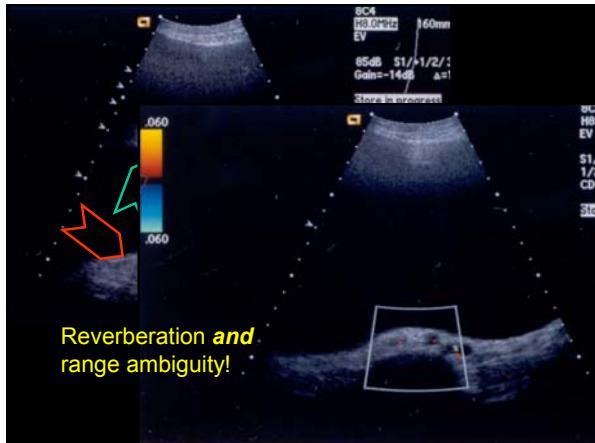
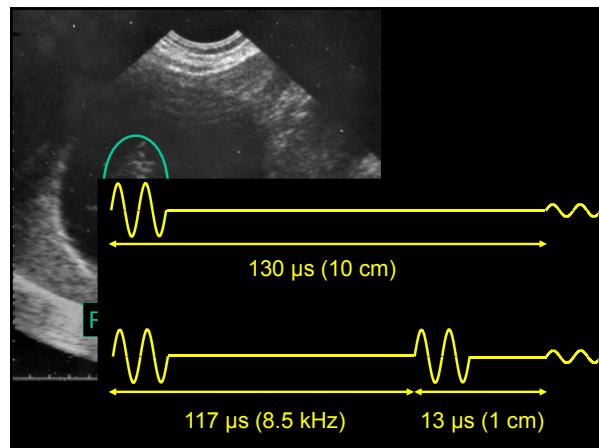
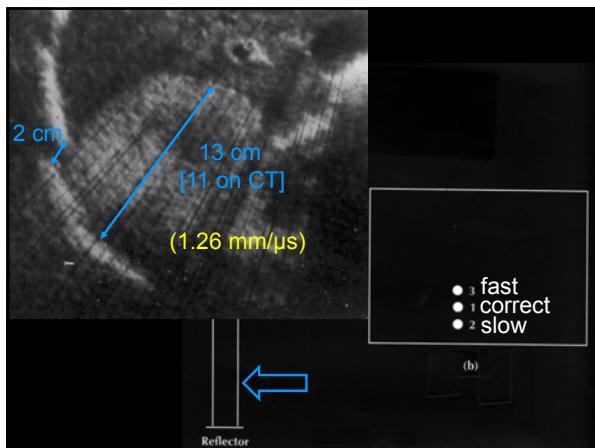


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- object
- reverb
- reverb







## ATTENUATION GROUP

- shadowing
  - enhancement



