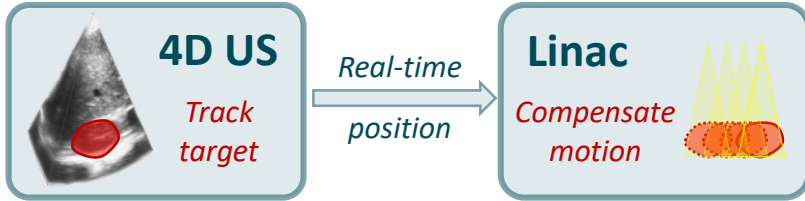




Characterization of 4D Ultrasound Systems with Streaming Interfaces for Real-Time Motion Compensation in Radiotherapy

Svenja Ipsen | *Tracking and Motion Management*, 8/1/2018, 1:45PM – 3:45PM, Karl Dean Ballroom B1

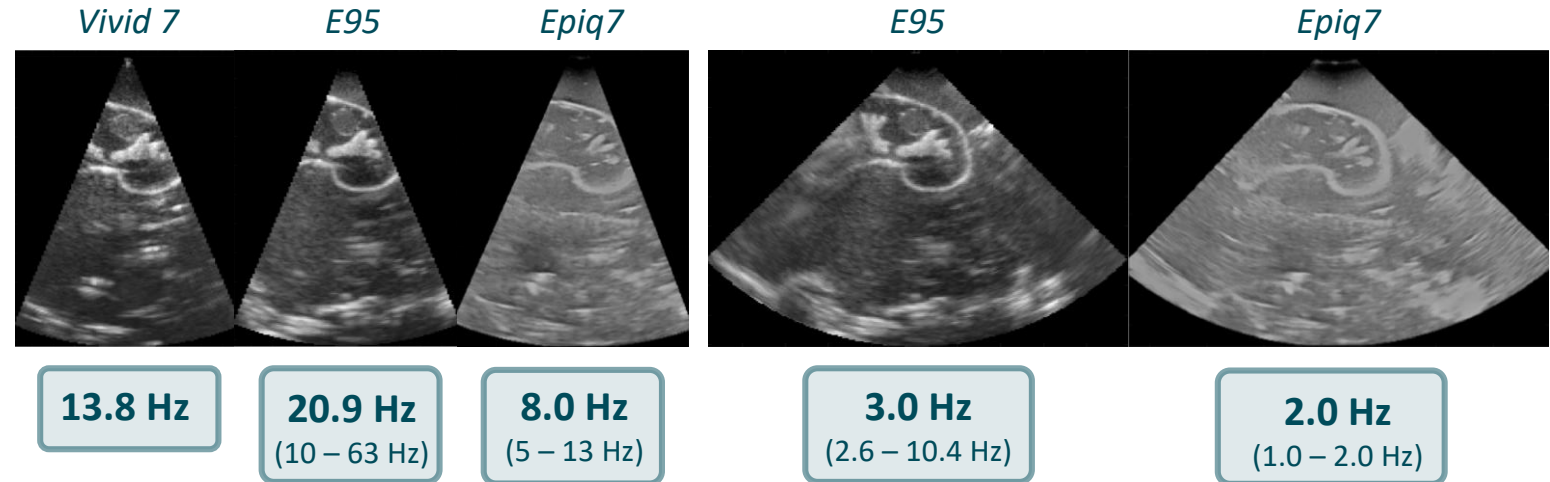
Real-time motion compensation using 4D US



Key requirements:

- Large volume size to follow tumor motion
- High framerate for low latency
- High spatial resolution and good image quality for high tracking accuracy

Volume sizes & framerates



Investigated 4D US systems



Spatial resolution

