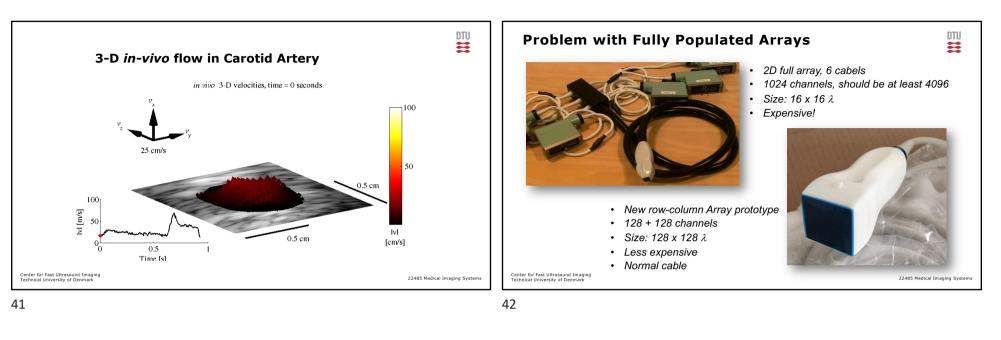
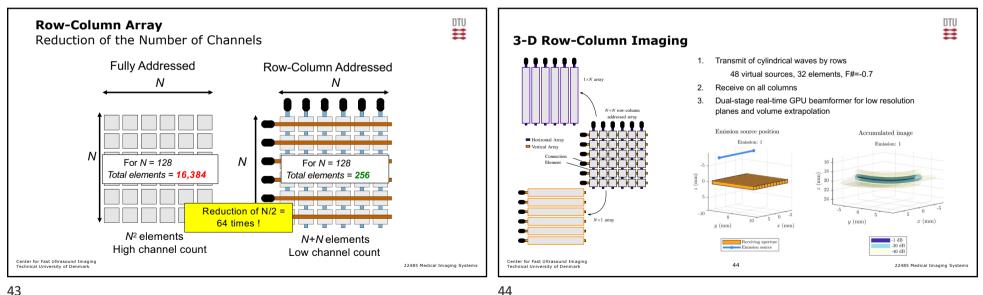
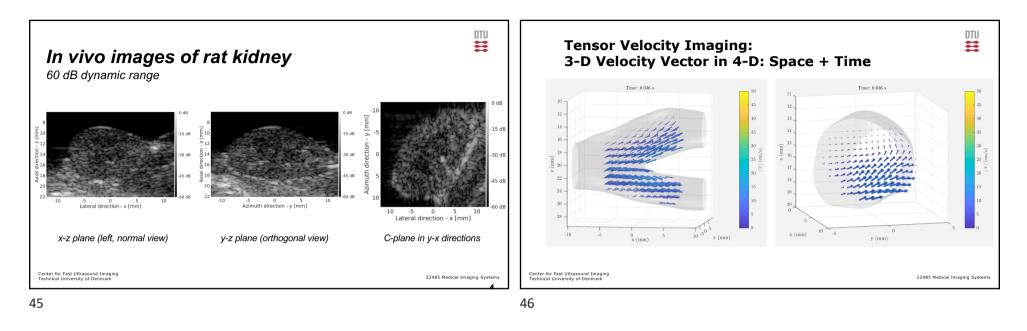
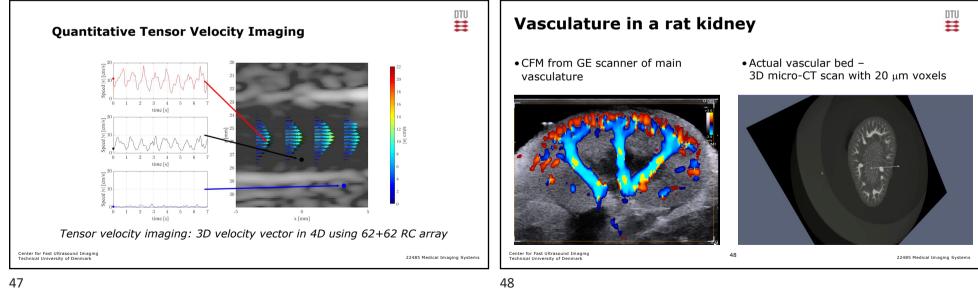


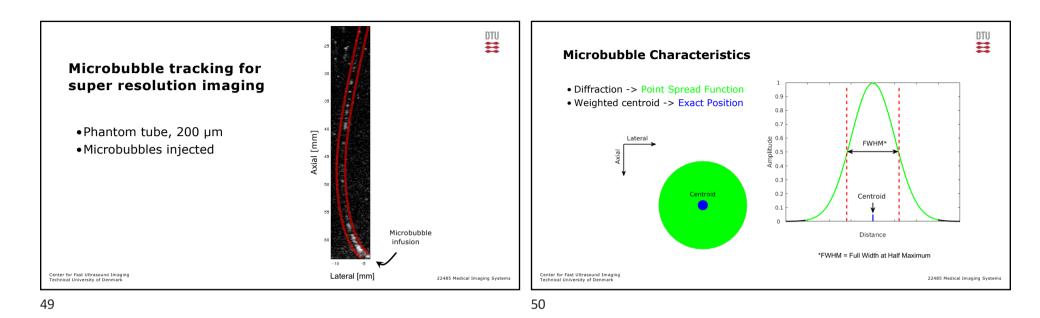
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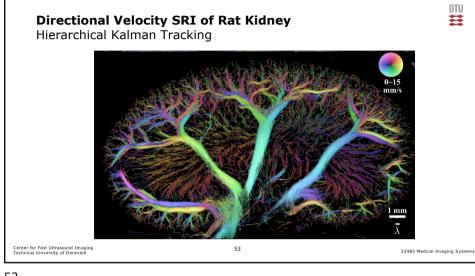


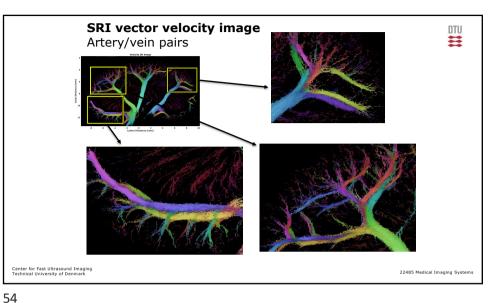




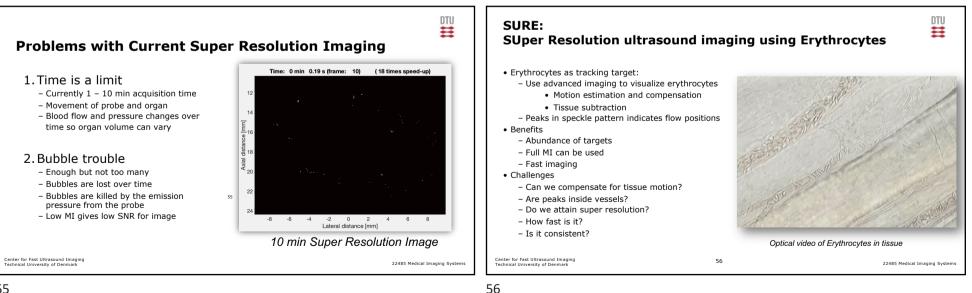


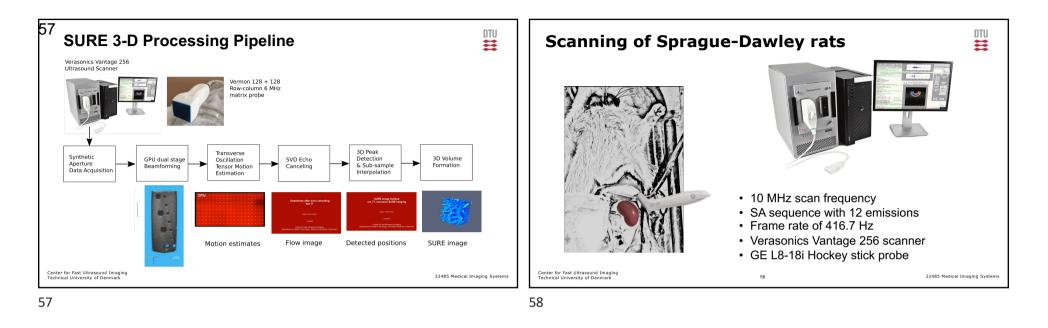


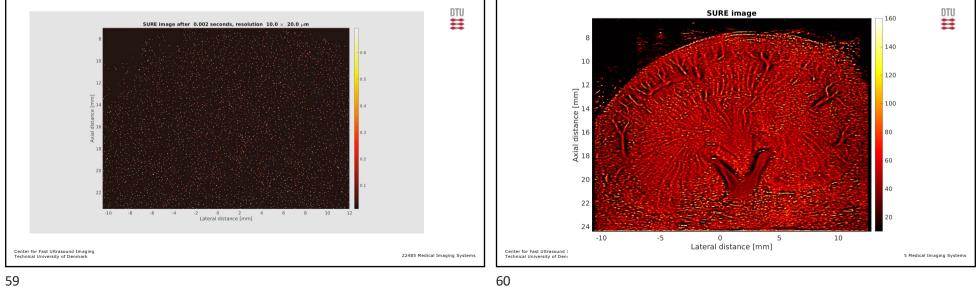


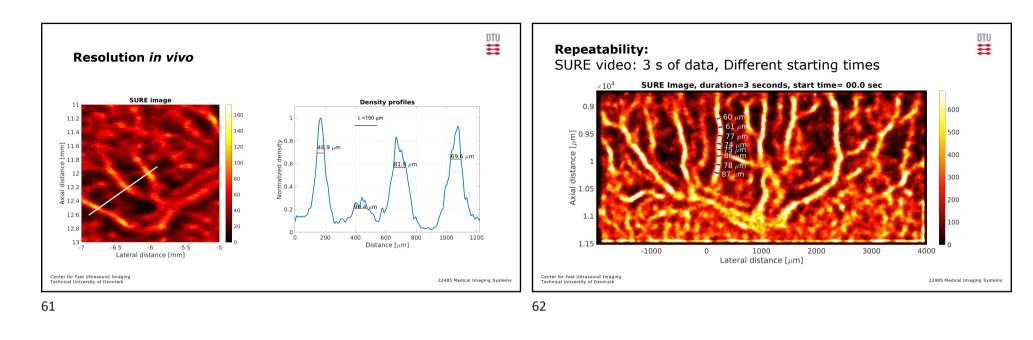


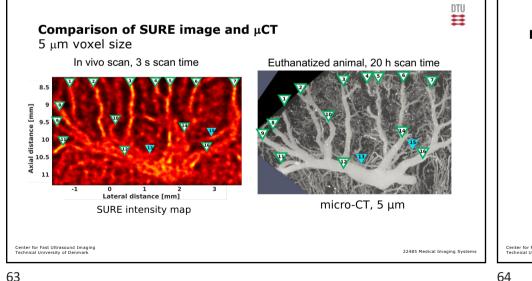


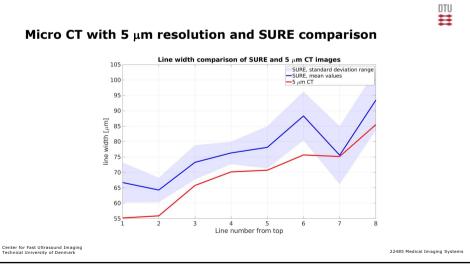


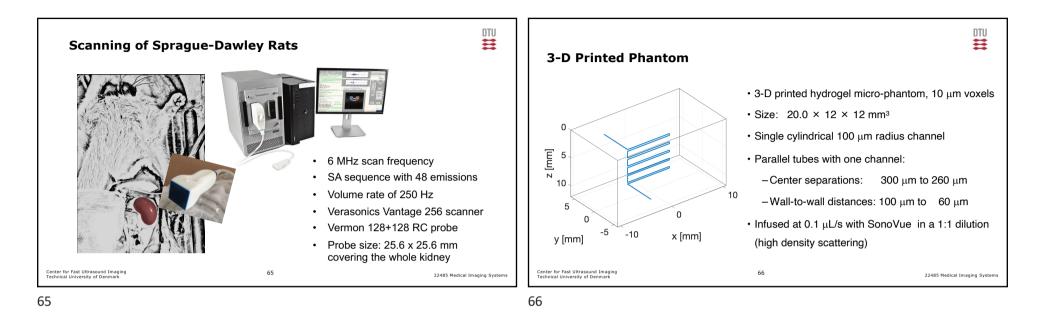


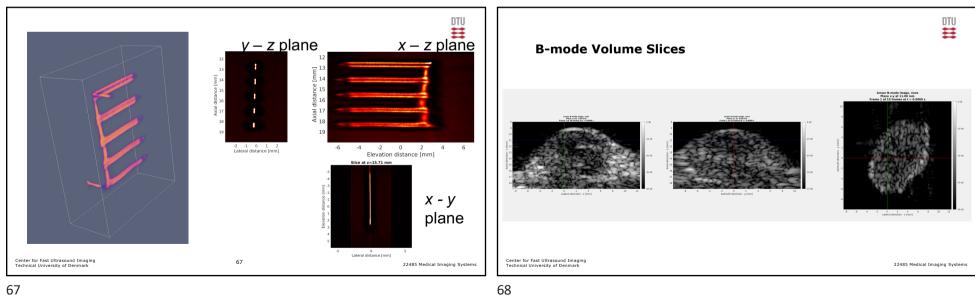


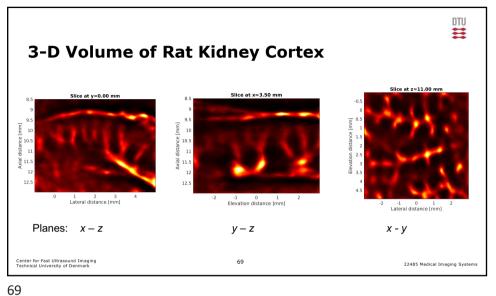


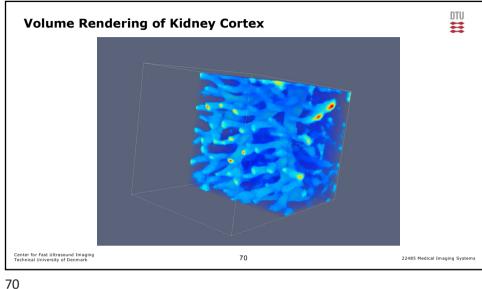












DTU What we can do with ultrasound Thanks to all Contributors from Vector velocity can be measured fast and in all directions **Center for Fast Ultrasound Imaging** - Velocity magnitude correctly identified No angle correction - correct magnitude and direction for all times and places - Disturbed and turbulent flow can be correctly visualized in 3-D New methods: - SA and plane wave solves the speed-accuracy limit and can be in a portable scanner - Pressure gradients can be deduced from the vector flow - Flow in the smallest vessels can be visualized using contrast agents or the erythrocytes in vivo 3-D velocities, time = 0 seconds Rigshospitalet erc . 0.5.cm [cm/s] 0.5 Time fsl Center for Fast Ultrasound Imaging Technical University of Denmark Center for Fast Ultrasoun Technical University of D 22485 Medical Imaging Systems European Research Council Established by the European Commis

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