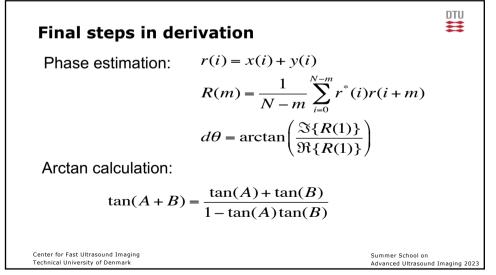
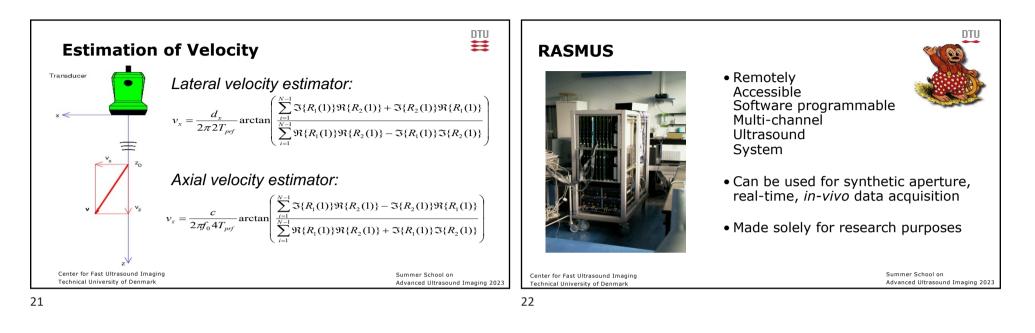
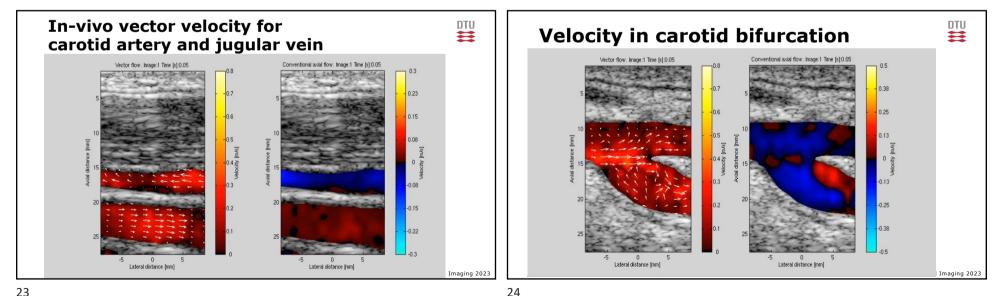
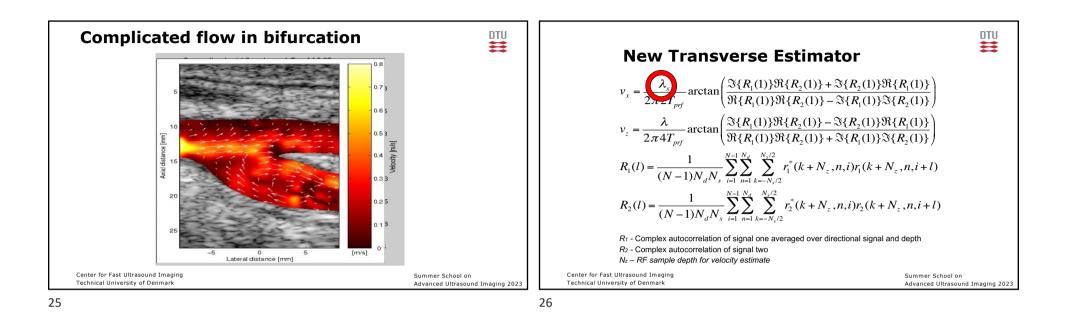


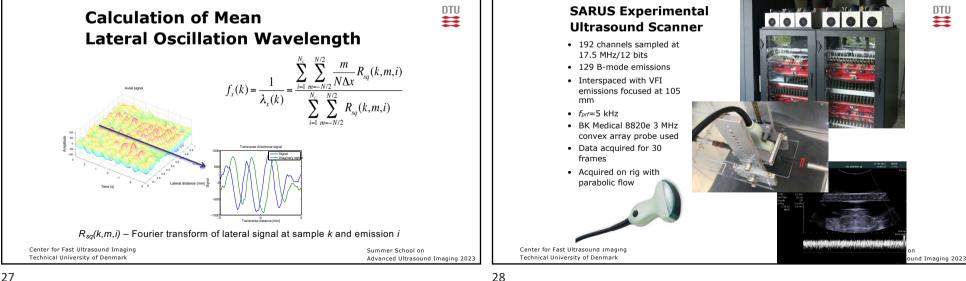
Processed signals: $\begin{aligned}
r_{1}(i) &= \exp(j2\pi i T_{prf}(f_{x} + f_{z})) \\
r_{2}(i) &= \exp(j2\pi i T_{prf}(f_{x} - f_{z}))
\end{aligned}$ Phase differences: $\begin{aligned}
d\theta_{1} &= 2\pi T_{prf}(f_{x} + f_{z})) \\
d\theta_{2} &= 2\pi T_{prf}(f_{x} - f_{z}))
\end{aligned}$ Velocity estimates: $\begin{aligned}
d\theta_{1} + d\theta_{2} &= 2\pi 2 T_{prf}f_{x}, \quad v_{x} = \frac{(d\theta_{1} + d\theta_{2})\lambda_{x}}{4\pi T_{prf}}
\end{aligned}$

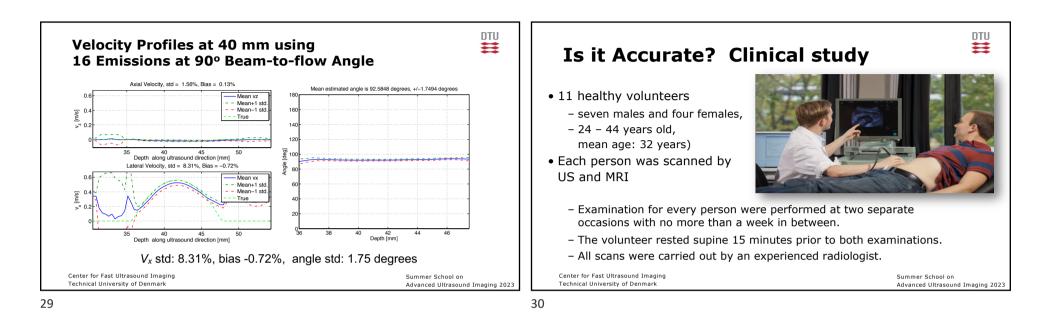


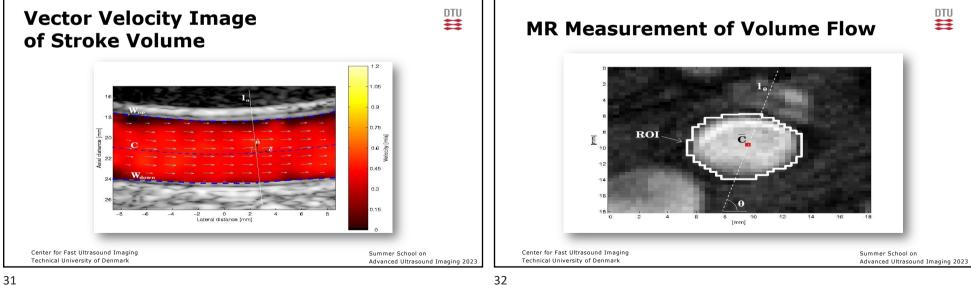


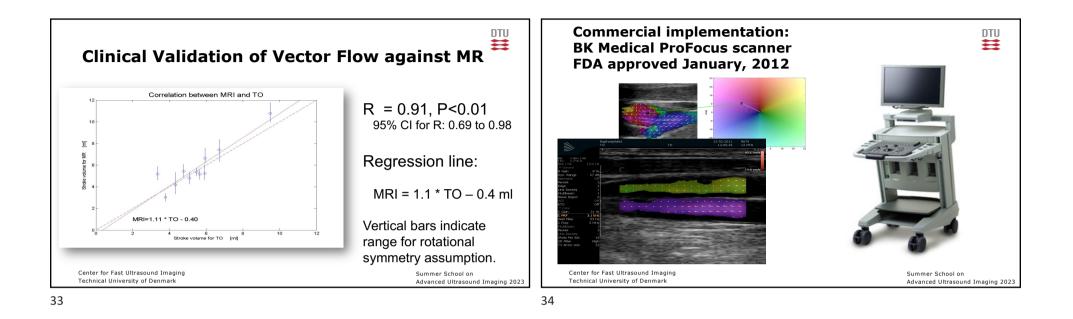


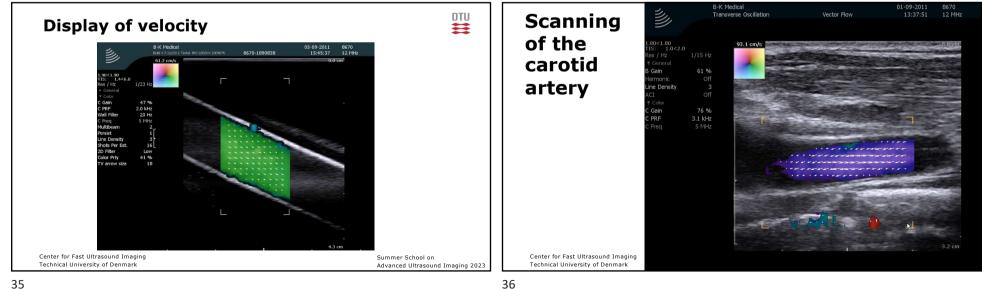


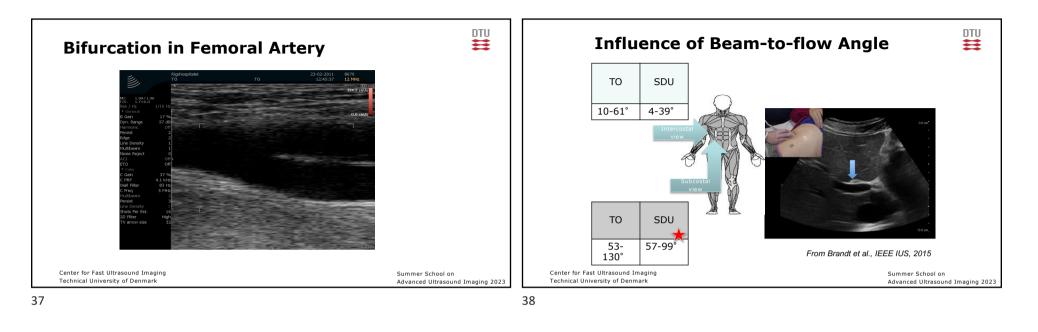


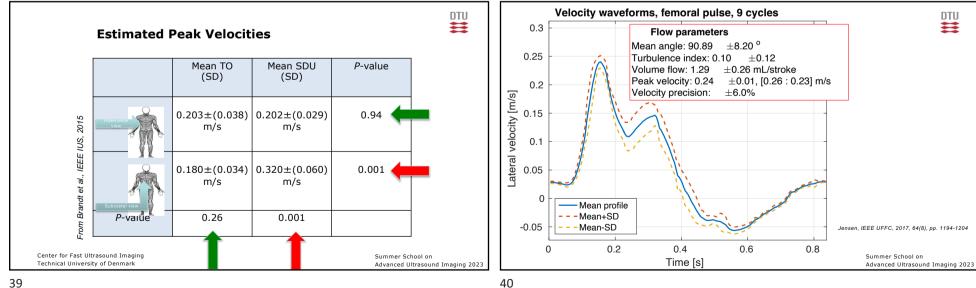


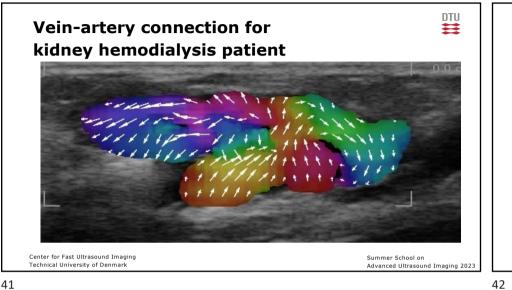


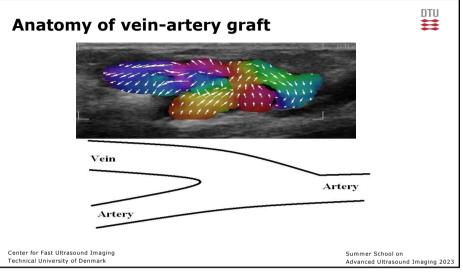




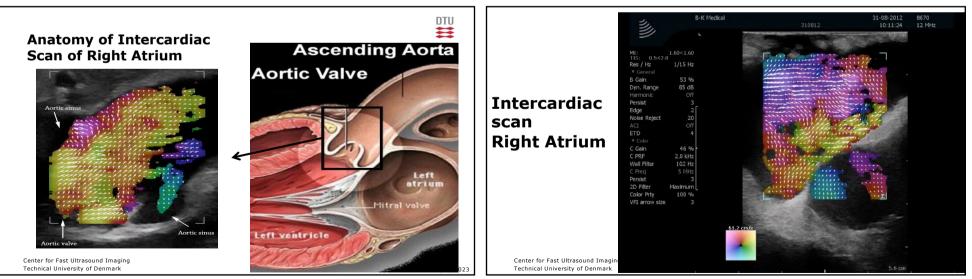


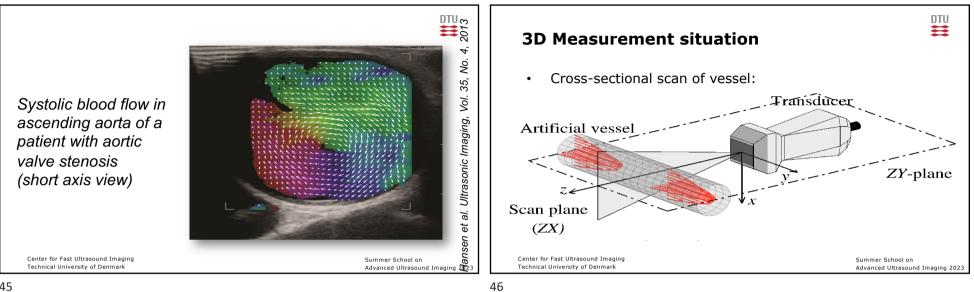




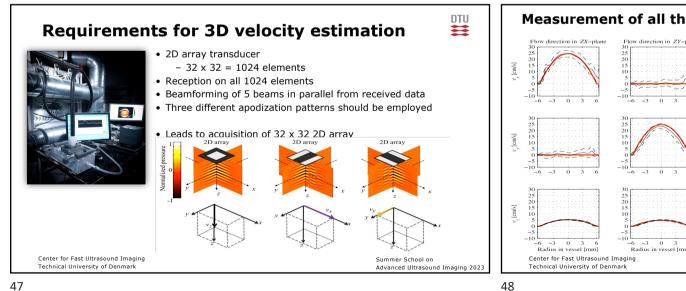


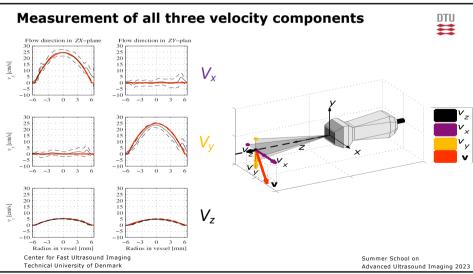


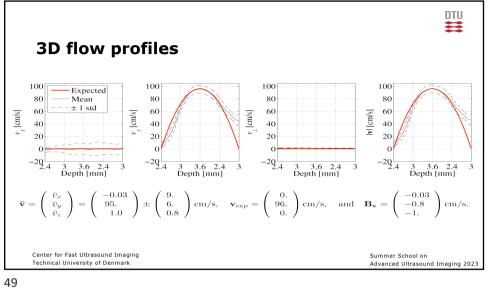


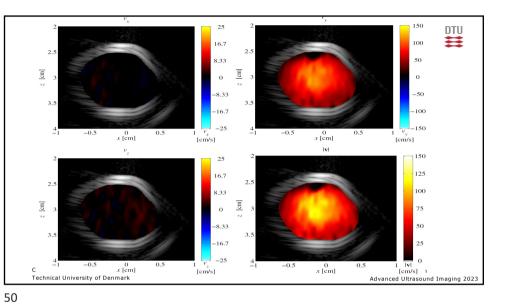


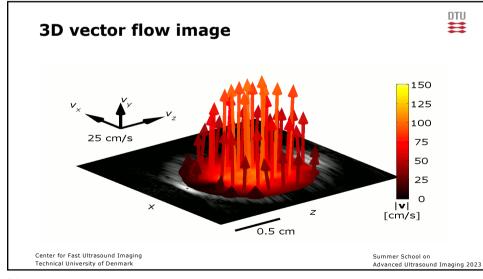


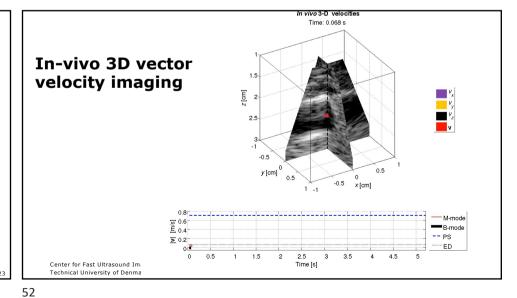


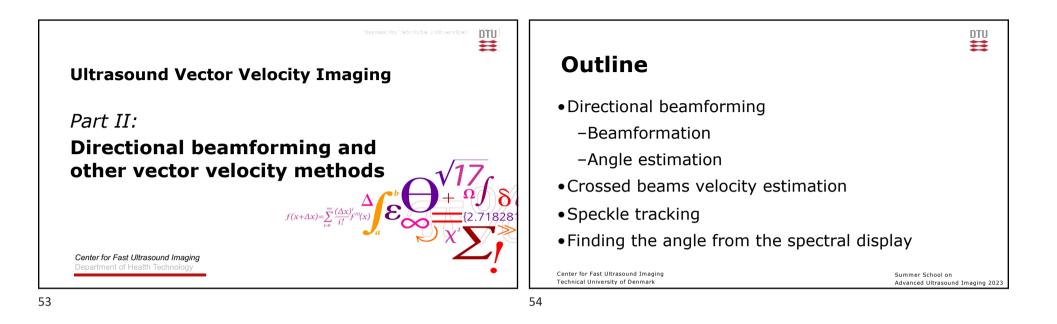


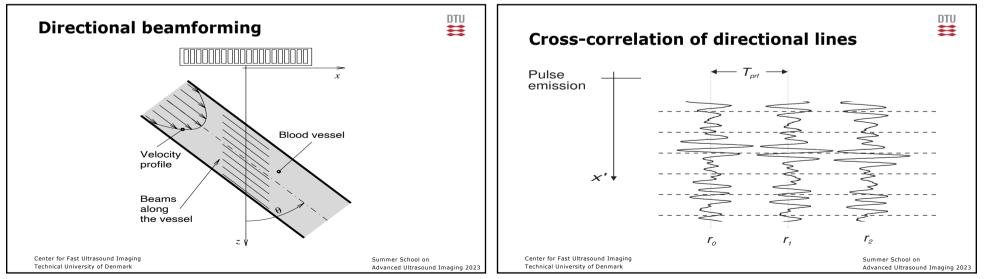


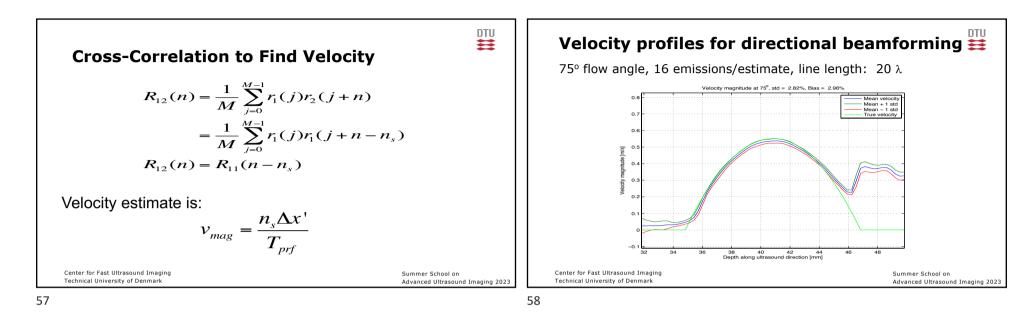


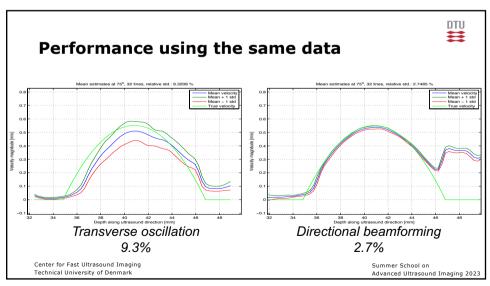


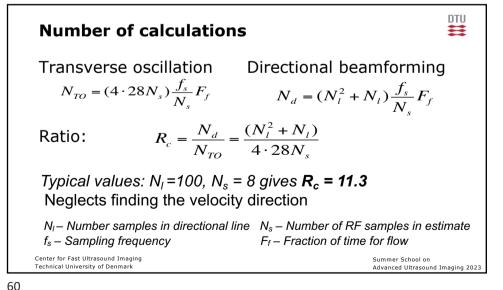


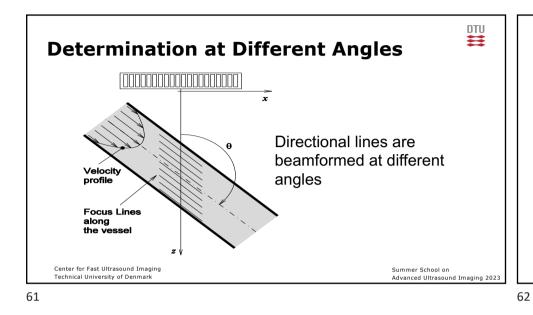


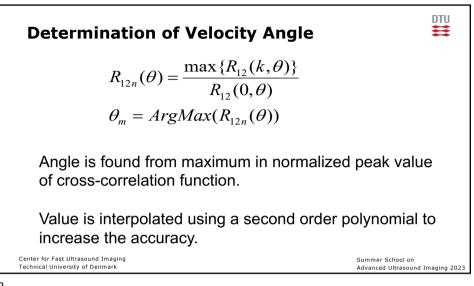












DTU ≡ Angle Determination at 90 deg The estimated angle is 89.85 degrees 70 $R(R_{12}(I, \theta_m))/R_{11}(0, \theta_m)$ 0.8 es 65 0.6 Andle found [Dear 0.4 Langer Constant of The second second second 0.2 20 40 60 100 120 140 160 180 80 50 Anale [dearees] 45 30 Center for Fast Ultrasound Imaging Summer School on Technical University of Denmark Advanced Ultrasound Imaging 2023 63 64

