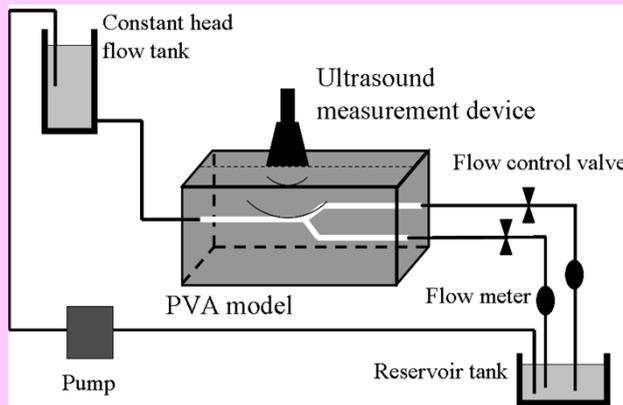


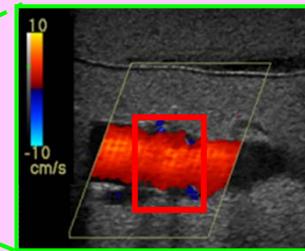
# 計測融合シミュレーションの実験検証

頸動脈モデル内の流れを題材に、PIV計測結果と比較することにより、超音波計測融合シミュレーションの計算精度の評価を行っている。

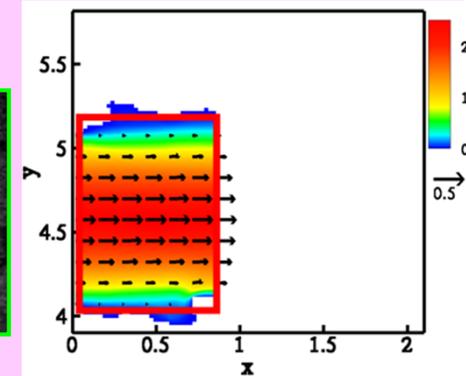
## UMI simulation



PVA model



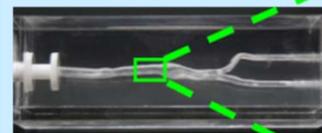
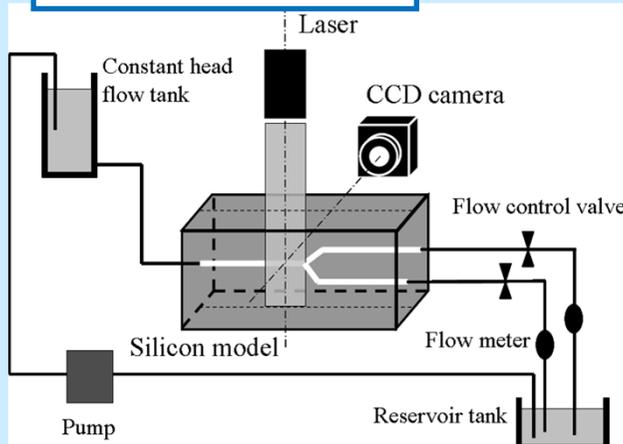
Ultrasound color Doppler imaging



Velocity profile

Quantitative agreement

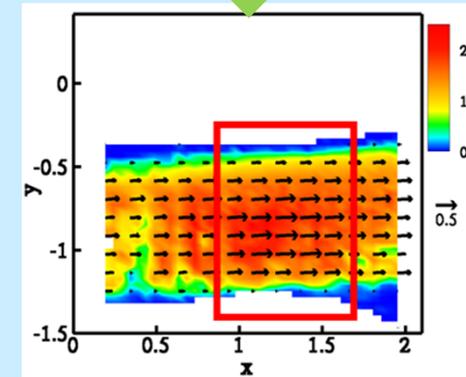
## PIV measurement



Silicone model



Optical measurement



Velocity profile