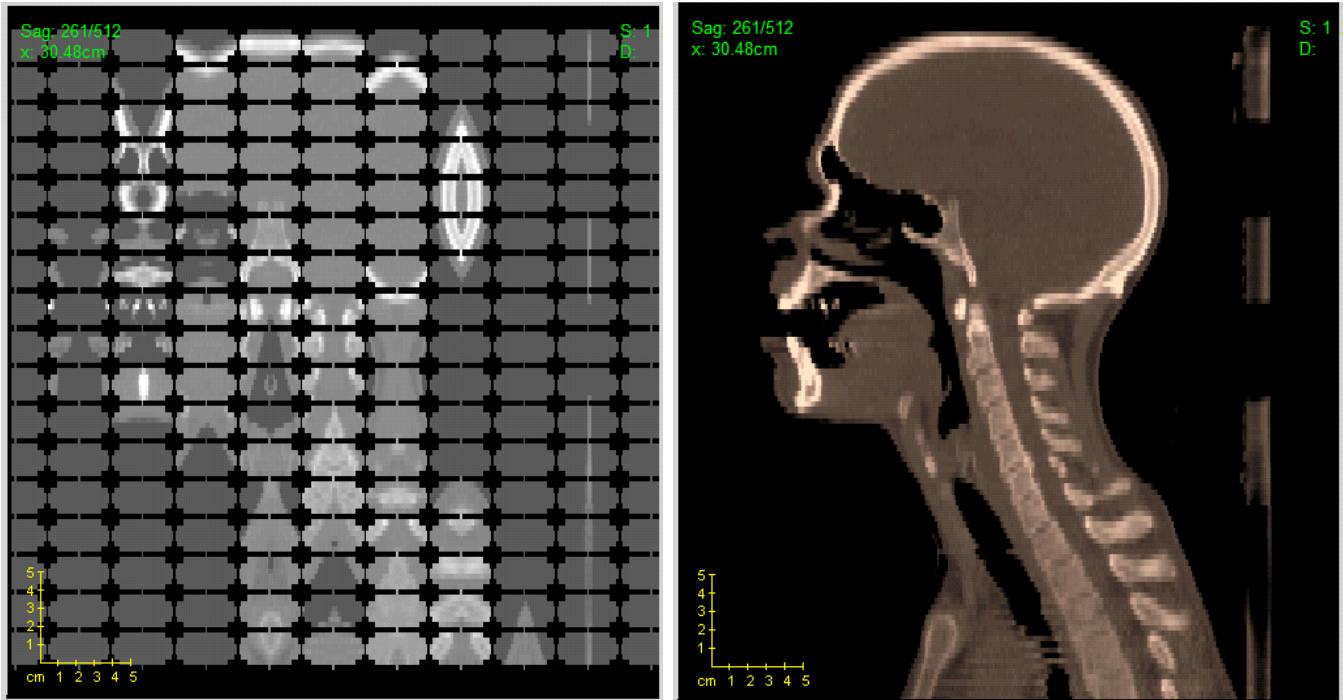
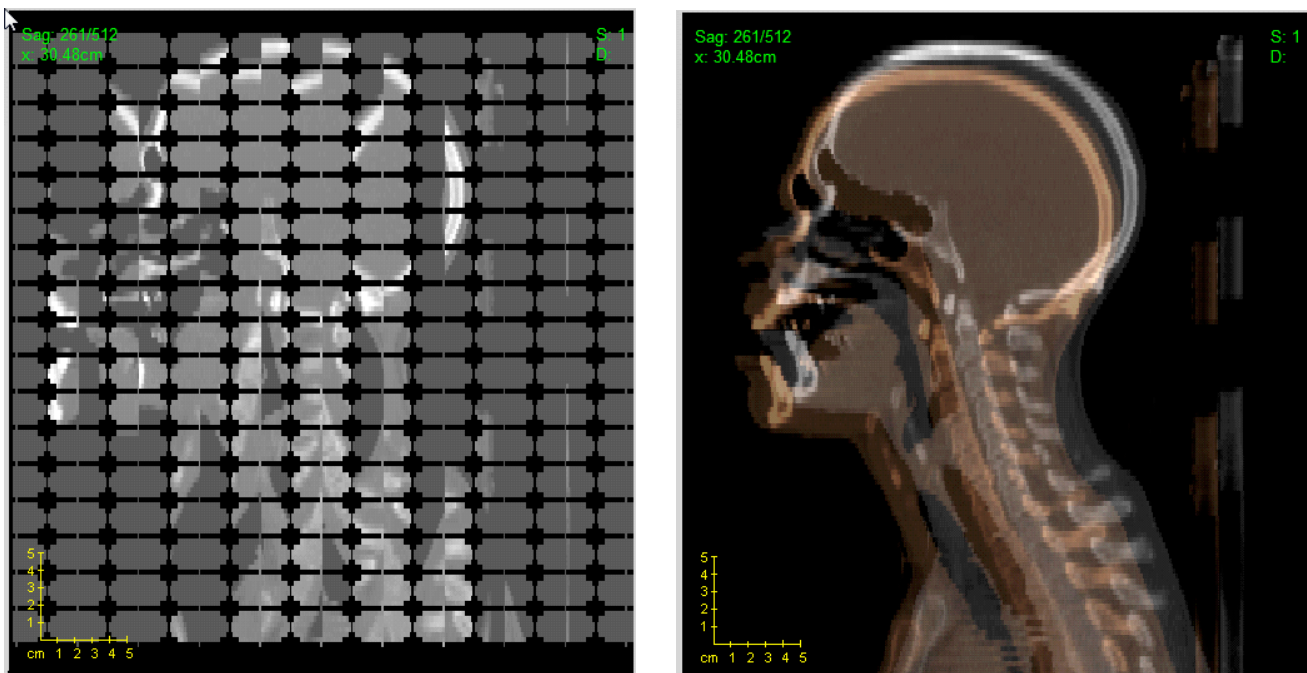


# CERR - New Tools to Analyze Image Registration Precision

**Innovation/Impact:** Novel tools/ideas to analyze image registration.



Right: Perfect Registration, Left: Gridded MirrorScope – Notice that each circular region within the grid is symmetric about the vertical axis.



Right: Imperfect Registration, Left: Gridded MirrorScope – Notice that each circular region within the grid is NOT symmetric about the vertical axis. Since the moving image was systematically shifted, all circular regions show asymmetry.