17 year-old presenting with paresthesias in both hands and proximal weakness.
MR: tonsillar ectopia associated with syringomyelia involving the entire cervical spinal cord.

**Syringomyelia. Chiari I malformation**
Tractography. Cranial view, showing the peripheral displacement of the fibers, secondary to central syrinx
Tractography: Greater disorganization of the anterior fibers than posteriors
2D MR cine phase contrast CSF flow study. Internal CSF flow in the syrinx communicating with IVth ventricle.