## MRA head

- 3D TOF from skull base to top of corpus callosum
- Whole-brain axial T1 TSE
- If with contrast:
  - 3D T1+C MRA whole head
  - 2D T1+C whole head (from routine brain MRI)
- Sat pulse superiorly to remove venous flow
- MIP images—remove the skull, spin left to right & tumble
- Cut out anterior circulation, spin & tumble
- Cut out posterior circulation, spin & tumble