



Cranial Nerve w/Contrast

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Use: Perineural spread of tumor, skull base tumors

Consult Radiologist with regards to eliminating brain sequences and coverage for the CISS sequence.

FOV: Small FOV for the thin skull base section sequences:

Axial: From optic chiasm through submandibular glands

Sagittal: Skin to skin including entire parotid glands not ears

Coronal: From chin to anterior aspect of brainstem

Sequences:

- Sag T1
- Ax Diffusion
- Ax FLAIR
- Ax CISS skull base (to be determined by radiologist to be as small as possible)
- Ax T2 fat sat thin skull base or Ax STIR thin skull base
- Ax T1 thin skull base
- Cor T1 fat sat skull base
- Ax T2 post
- Ax T1 fat sat post thin skull base
- Cor T1 fat sat post thin skull base
- Sag MPR post thru brain
- Coronal recon MPR post
- Axial recon MPR post



Clinical Indications:

*Ordered by specialist as MR Brain W & WO, attention cranial nerves

- Bell's palsy
- Trigeminal neuralgia