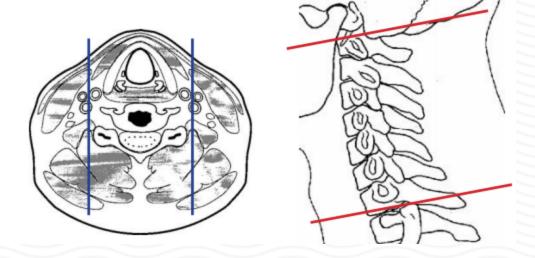


## MRI C-SPINE WITHOUT & WITH CONTRAST

| Indications | Intramedullary disease, MS, tumor, infection, myelopathy, syrinx,<br>osteomyelitis, discitis, ok for post op patients for question of infection,<br>complication, etc. |  |  |
|-------------|--|--|--|
| Localizer   | 3 plane scout  |  |  |
| Note        | Contrast for the cervical spine will be used in special circumstances<br>only. It there is a question about the appropriateness of GAD use, contact<br>the Radiologist |  |  |
|             | Contact the Radiologist if the patient has multi-level spine studies ordered before performing any of the studies.   |  |  |

| PLANE        | SEQUENCE | FAT<br>SAT | MODE | SLT/SP | FOV        | NOTES                       |
|--------------|----------|------------|------|--------|------------|-----------------------------|
| Sagittal     | T2       |            |      | 3 / 1  | 22 cm      |                             |
| Sagittal     | T1       |            |      | 3 / 1  | 22 cm      |                             |
| Sagittal     | STIR     |            |      | 3 / 1  | 22 cm      |                             |
| Axial        | 3D T2    |            |      |        | 16 - 18 cm |                             |
| Axial        | T1       | Y          |      | 3 / .3 | 16 - 18 cm | C-2 through T-1, contiguous |
| Axial        | Т2       |            |      | 3 / .3 | 16 - 18 cm | C-2 through T-1, contiguous |
| Axial + C    | T1       | Y          |      | 3 / .3 | 16 - 18 cm | C-2 through T-1, contiguous |
| Sagittal + C | T1       | Y          |      | 3 / 1  | 22 cm      |                             |

- Alter axials based on ROI or diagnosis
- Sagittals: Cover entire bone anatomy of spine
- Abnormalities should be in one stack of axials.
- Do not place the end or beginning of the stack within the abnormality!



Any deviation from protocol MUST be Radiologist approved. Rad Director will be notified if this occurs without prior approval.