

## SPINE SCREENING: WITH CONTRAST

This protocol is used for screening of the entire spine when contrast is indicated.

- **COVER SPINE IN 2 FOVs, C2 -T8 & T8 – S1.**
- **PLACE VITAMIN E OVER SPINE AT APPROX. T8 LEVEL.**
- **FOR BONY METS W/ PRIMARY MALIGNANCY OF LUNG, BREAST, LYMPHOMA OR MELANOMA NEED PRE & POST IMAGING OF SPINE SCREEN WHEN DONE WITH BRAIN IMAGING. OTHERWISE WHEN DOING A SPINE SCREEN FOR METS DO SPINE SCREEN PRE ONLY (UNLESS CONTRAST IS SPECIFICALLY REQUESTED) AND PRE & POST BRAIN.**
- **When spine screens are “post only”, drop axial T2 and run gado axial T1’s only.**
- **PEDIATRIC BRAINS & SPINE SCREENS WITH HX OF BRAIN TUMOR, INITIAL FOLLOW UP STUDY UNDER 6 MONTHS; NEED PRE BRAIN & SPINE AND POST BRAIN & SPINE. OTHERWISE PRE & POST BRAIN AND POST ONLY SPINE SCREEN. “PEDIATRIC SPINE SCREENS require Axial T1’s stacked PRE & POST, NO AXIAL T2’S needed.”**
- **\*When scanning uncooperative patient, limit axial imaging to affected spine areas. Use best judgment to get most informative sequences. Note protocol changes explanation on requisition.**

1. **Localizer Upper**
2. SAG T2 Upper
3. SAG T1 Upper
4. SAG STIR Upper
5. AX T2 MEDIC

6. **Localizer Lower**
7. SAG T2\_\_\_IPAT Lower
8. SAG T1\_\_\_IPAT Lower
9. SAG STIR Lower
10. AX T2 STACK

### **GADO:**

11. GADO **FS** SAG T1\_\_\_IPAT Upper
12. GADO AXIAL T1 Upper
13. GADO **FS** SAG T1\_\_\_IPAT Lower
14. GADO AXIAL T1 Lower

