

ON-LINE APPENDIX 1

Validation of lumbar disk herniation nomenclature (definitions modified from the combined task force nomenclature, 2001).²

Protrusion

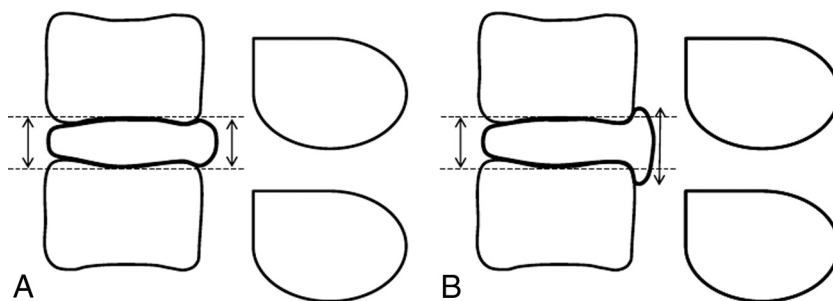
- 1) Disk tissue extends beyond the margin of the disk in any plane.
- 2) The greatest distance, in any plane, between the edges of the disk material beyond the disk space is less than the distance between the edges of the base, in the same plane.
- 3) In the craniocaudal direction, the base cannot exceed the height of the intervertebral space. On axial imaging, “base” refers to the width.

Extrusion

- 1) In at least 1 plane, any 1 distance between the edges of the disk material beyond the disk space is greater than the distance between the edges of the base.
- 2) Characteristics of protrusion and extrusion may coexist, in which case the disk should be subcategorized as extrusion.

Sequestration

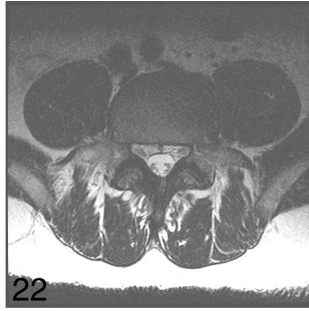
- 1) The displaced disk material has completely lost any continuity with the parent disk.
- 2) If even a tenuous connection by disk tissue remains between a displaced fragment and disk of origin, the disk is not sequestered.



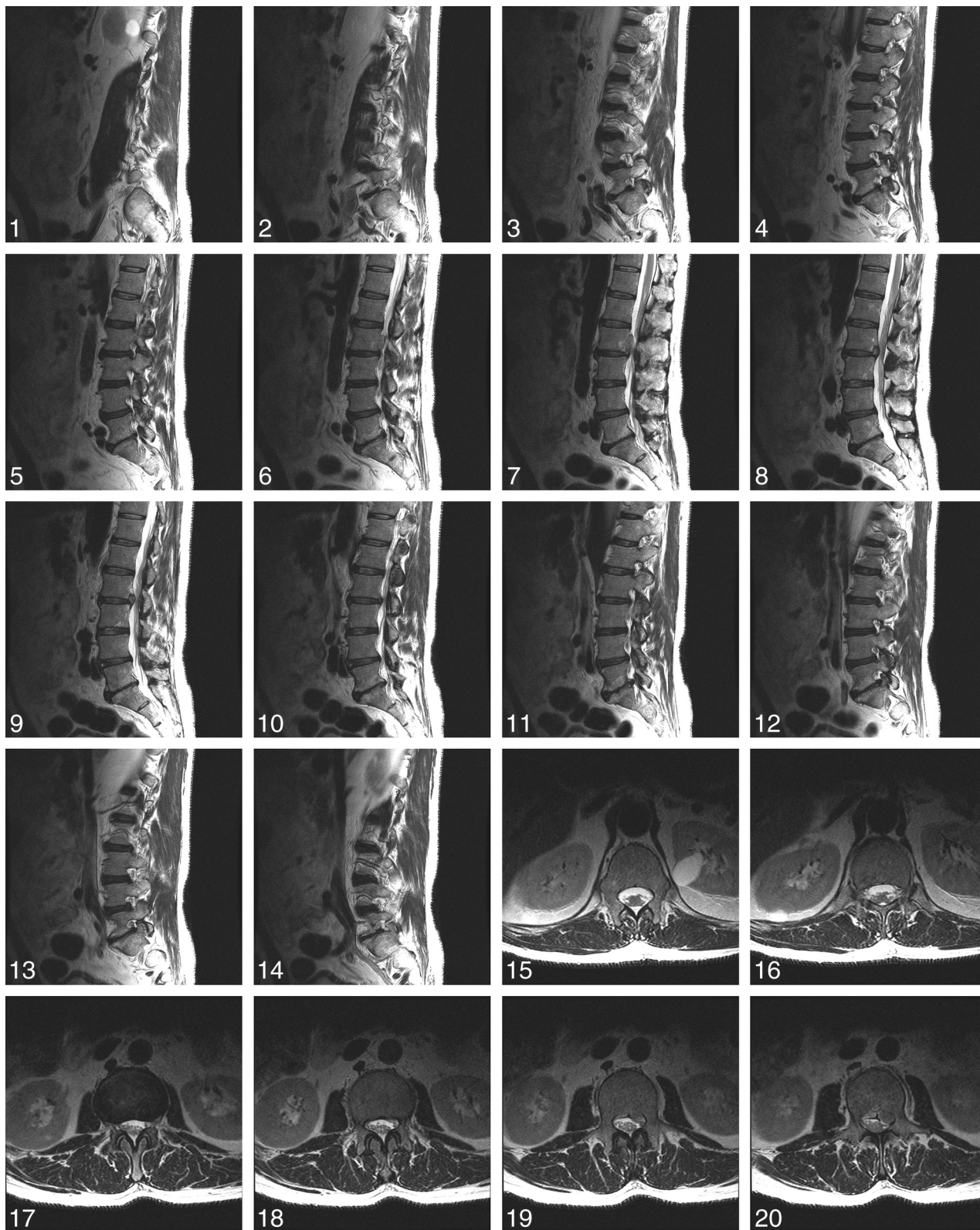
ON-LINE APPENDIX 2. *A*, The height of the disk abnormality does not exceed the distance between the vertebral endplates; thus, it is a protrusion. *B*, The height of the disk abnormality is larger than the distance between the vertebral endplates; thus, it is an extrusion.



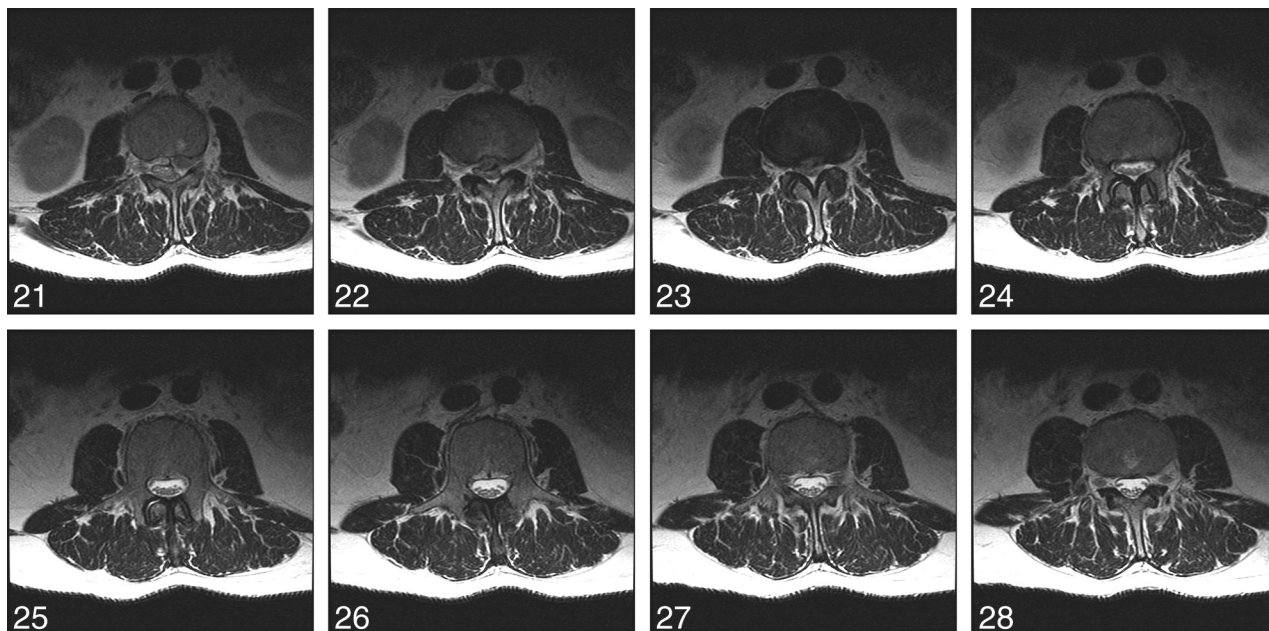
ON-LINE APPENDIX 3, CASE 1.



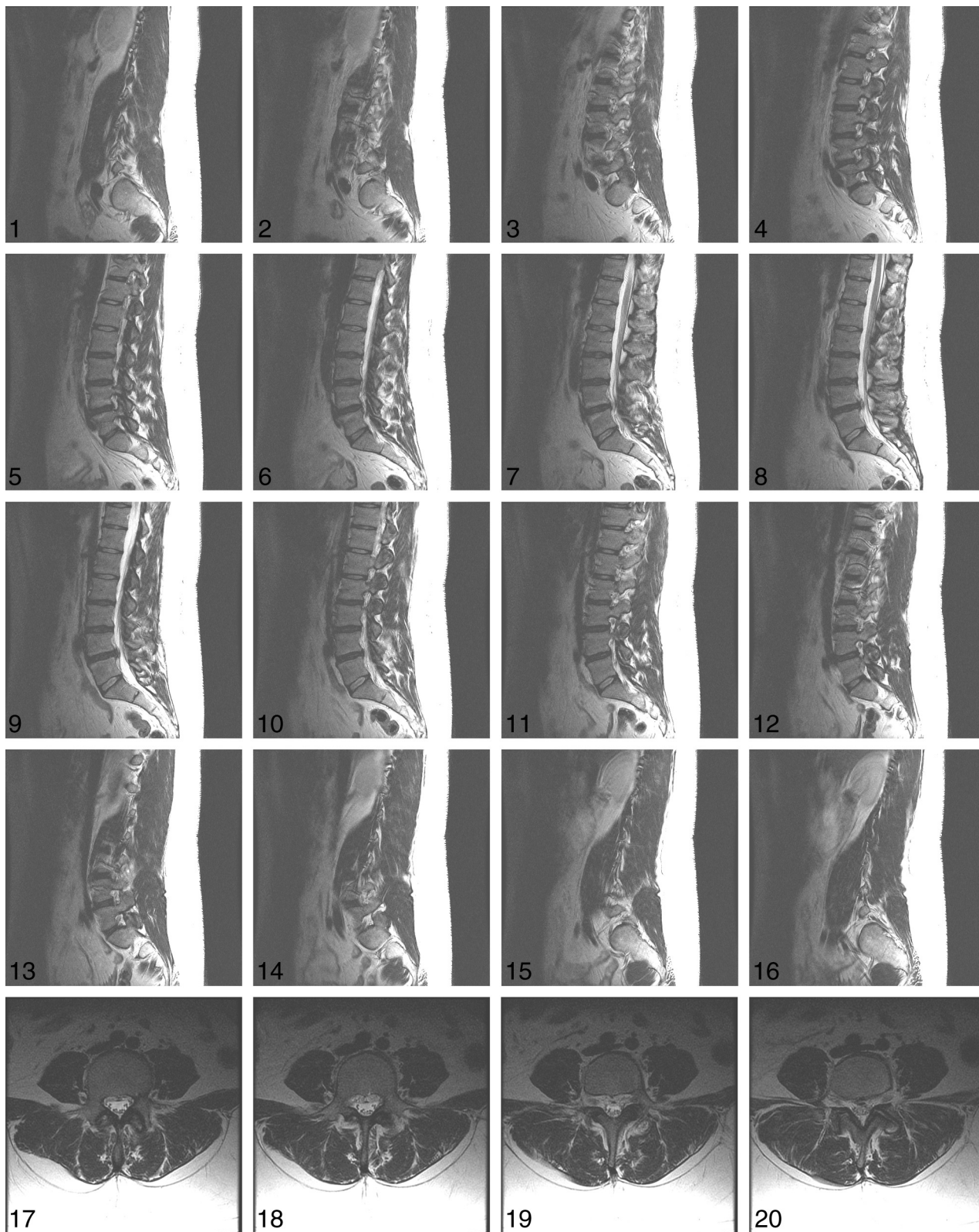
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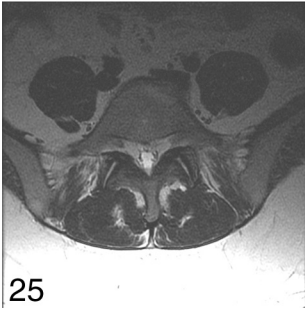
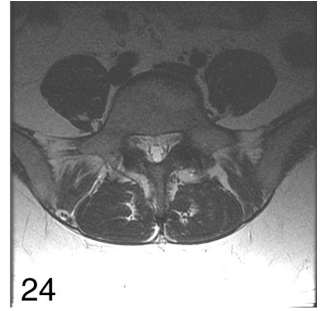
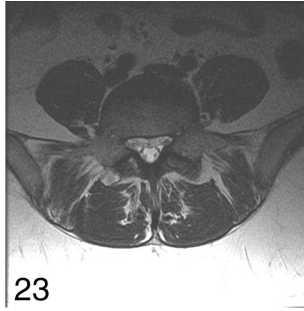
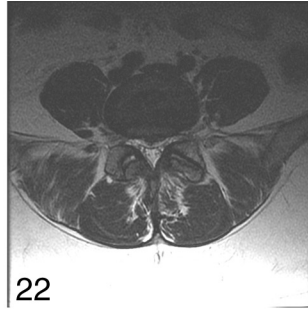
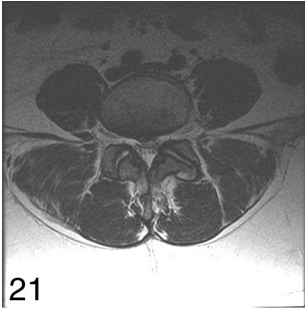
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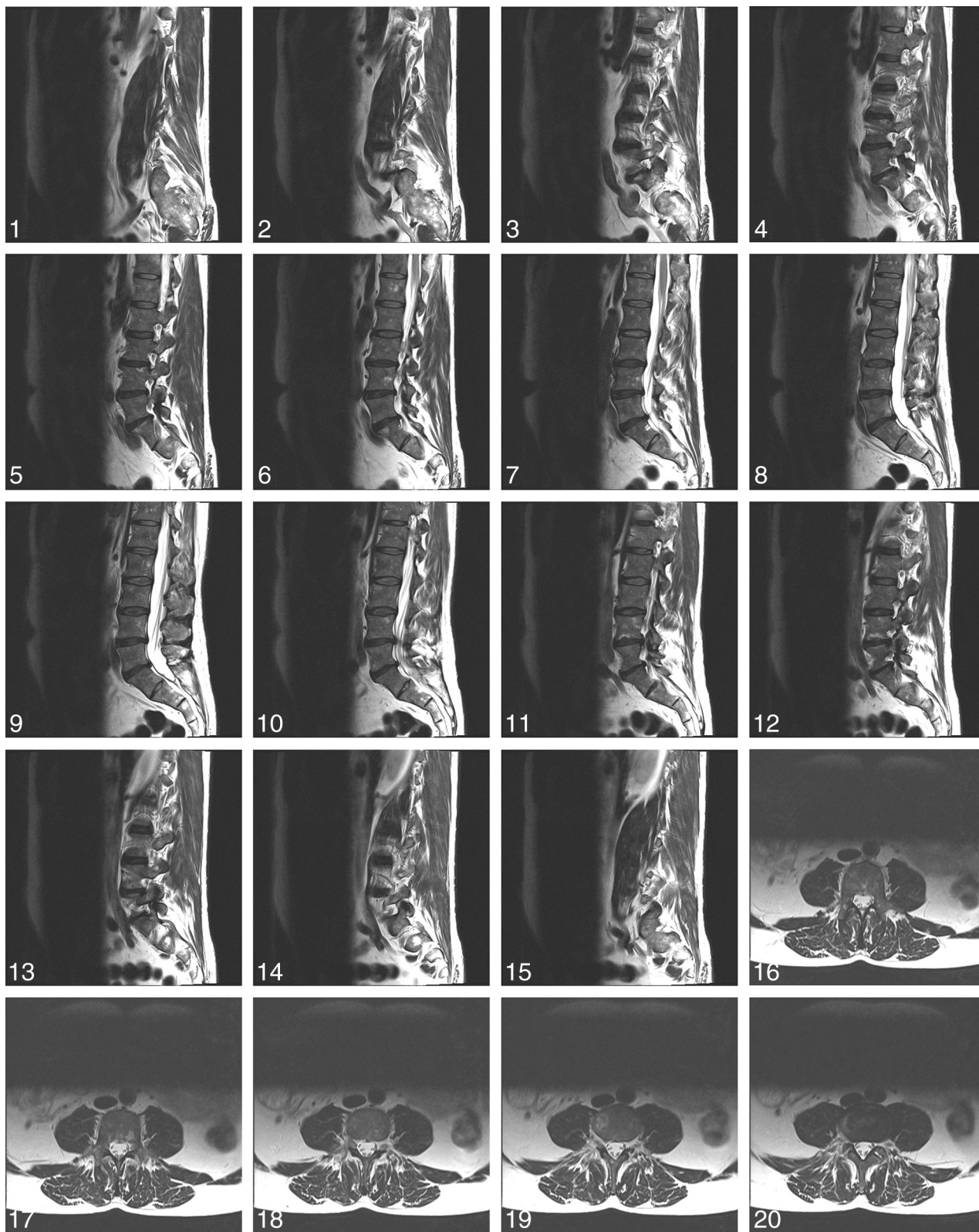
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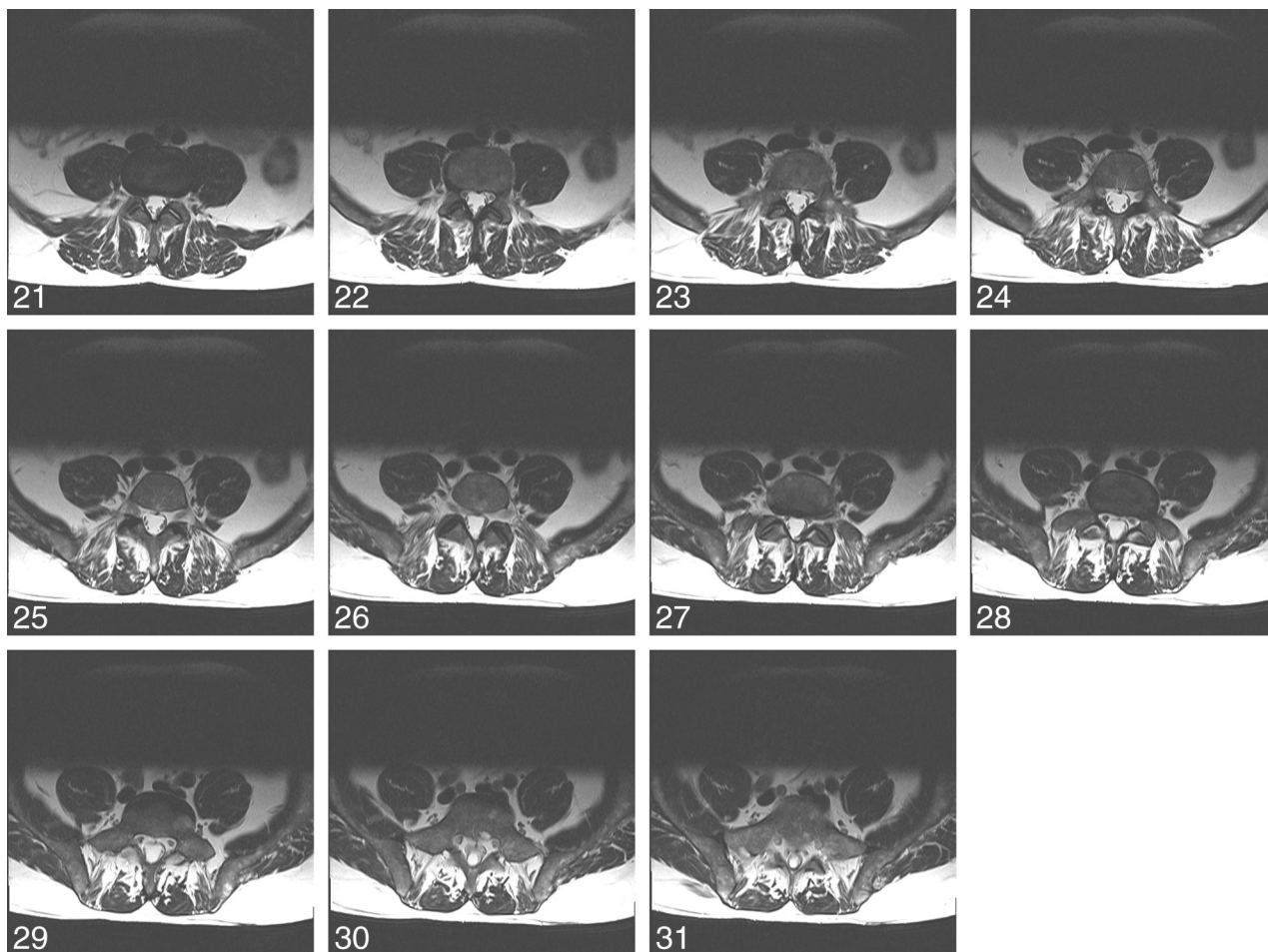
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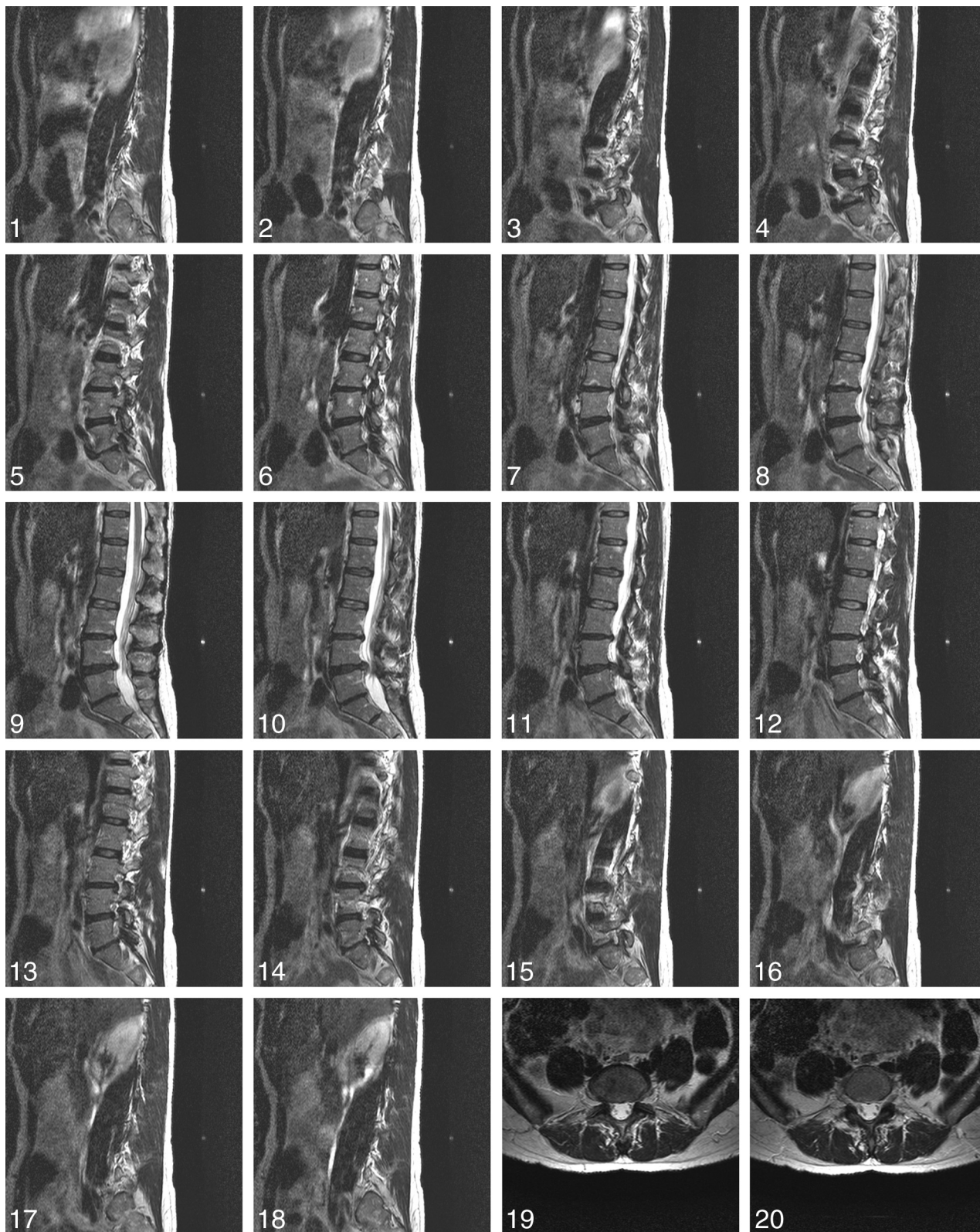
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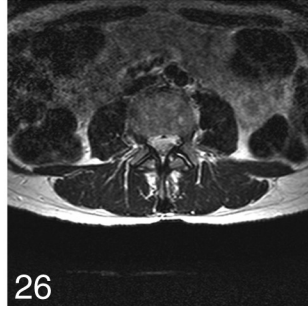
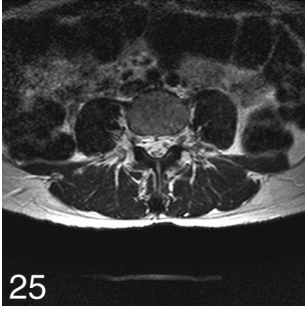
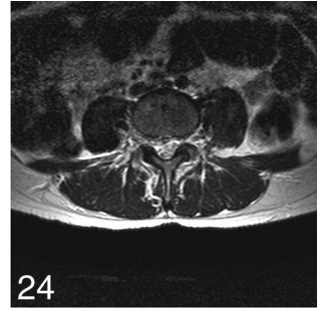
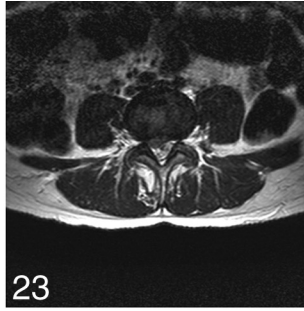
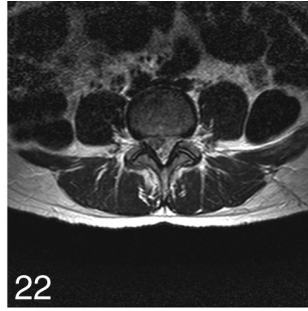
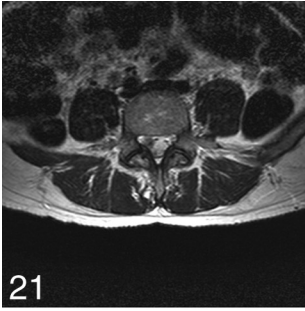
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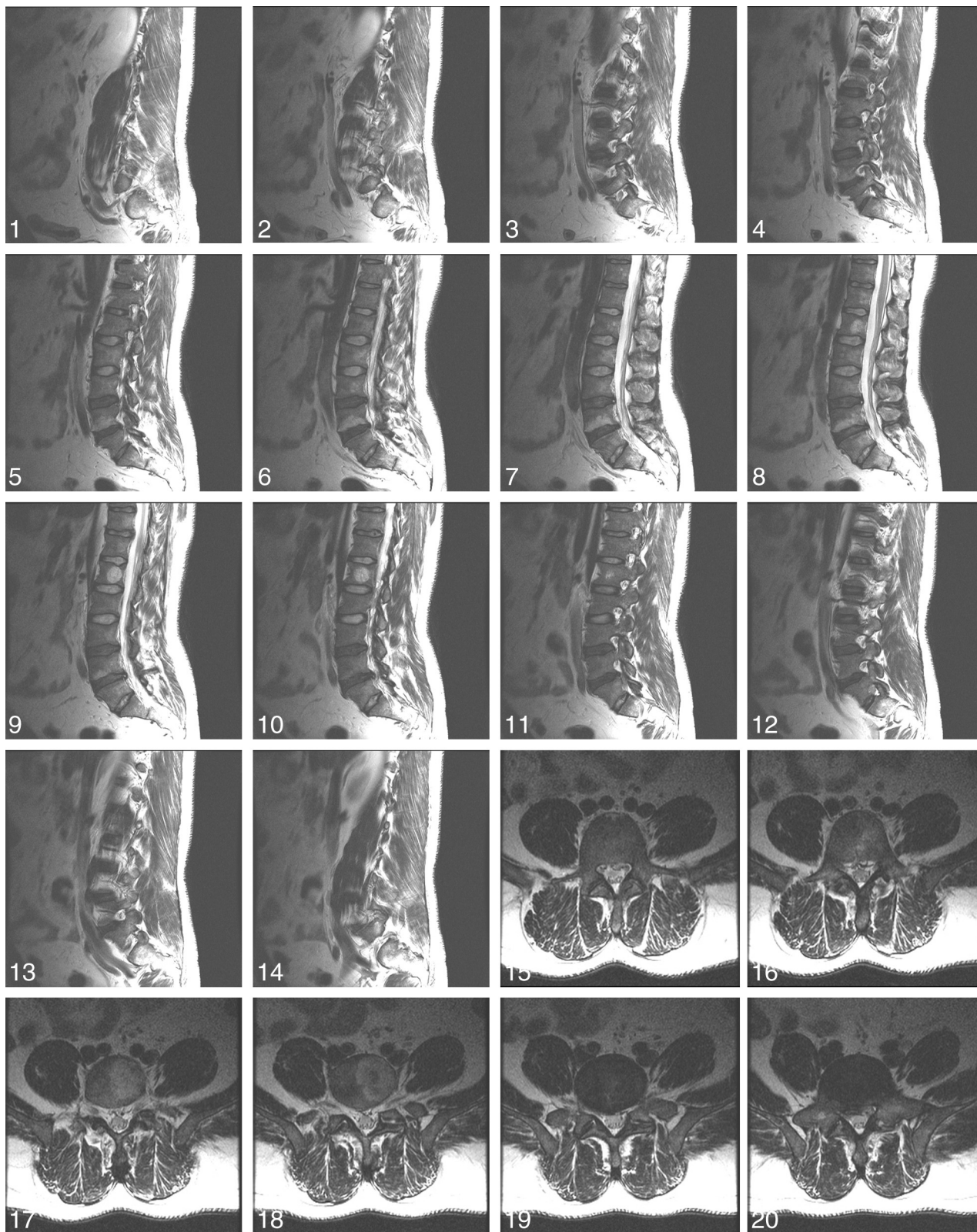
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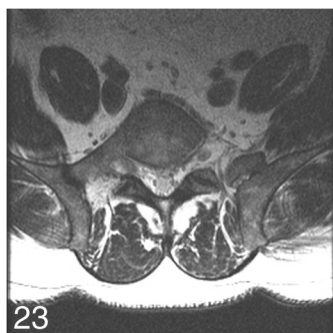
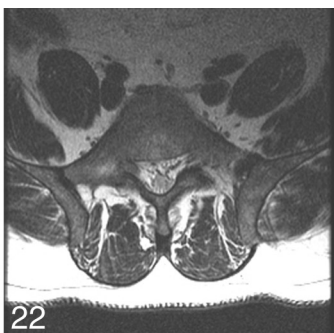
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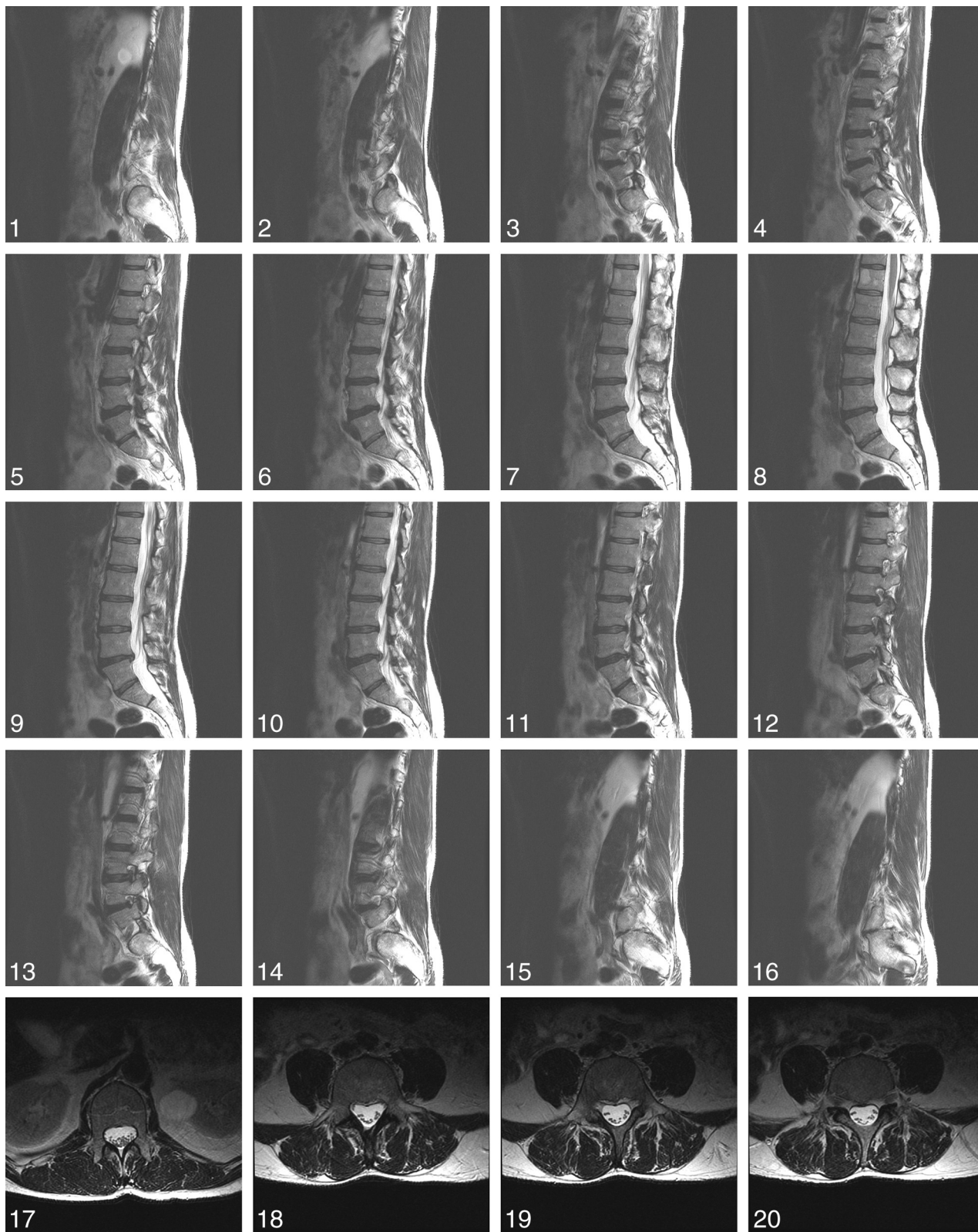
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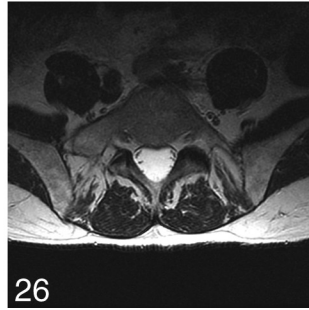
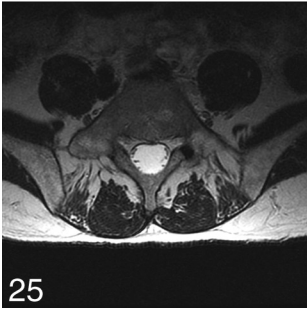
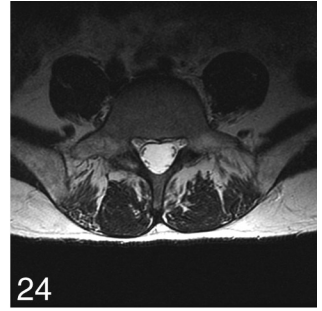
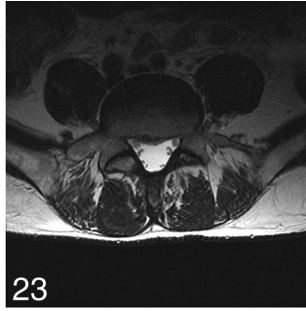
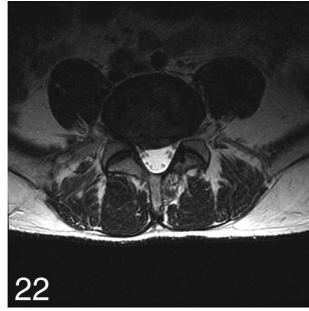
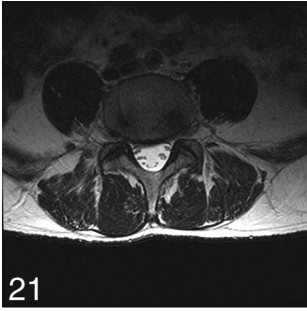
ON-LINE APPENDIX 3, CASE 6.



ON-LINE APPENDIX 3, CASE 6. Continued.



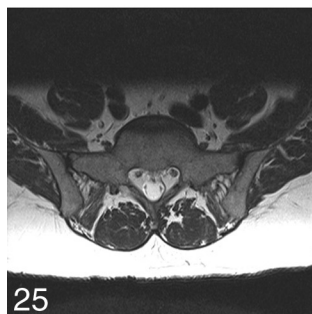
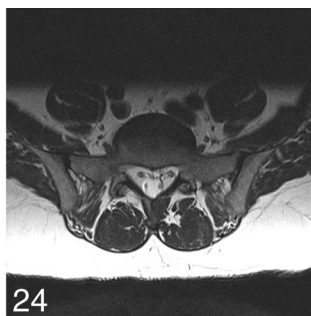
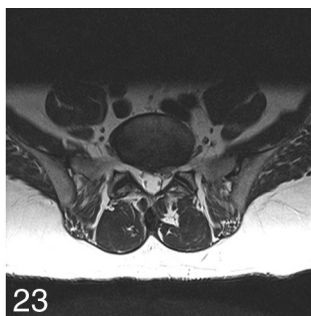
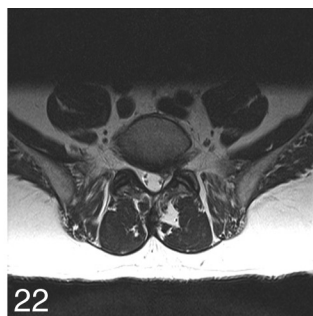
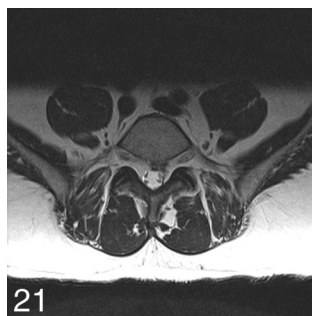
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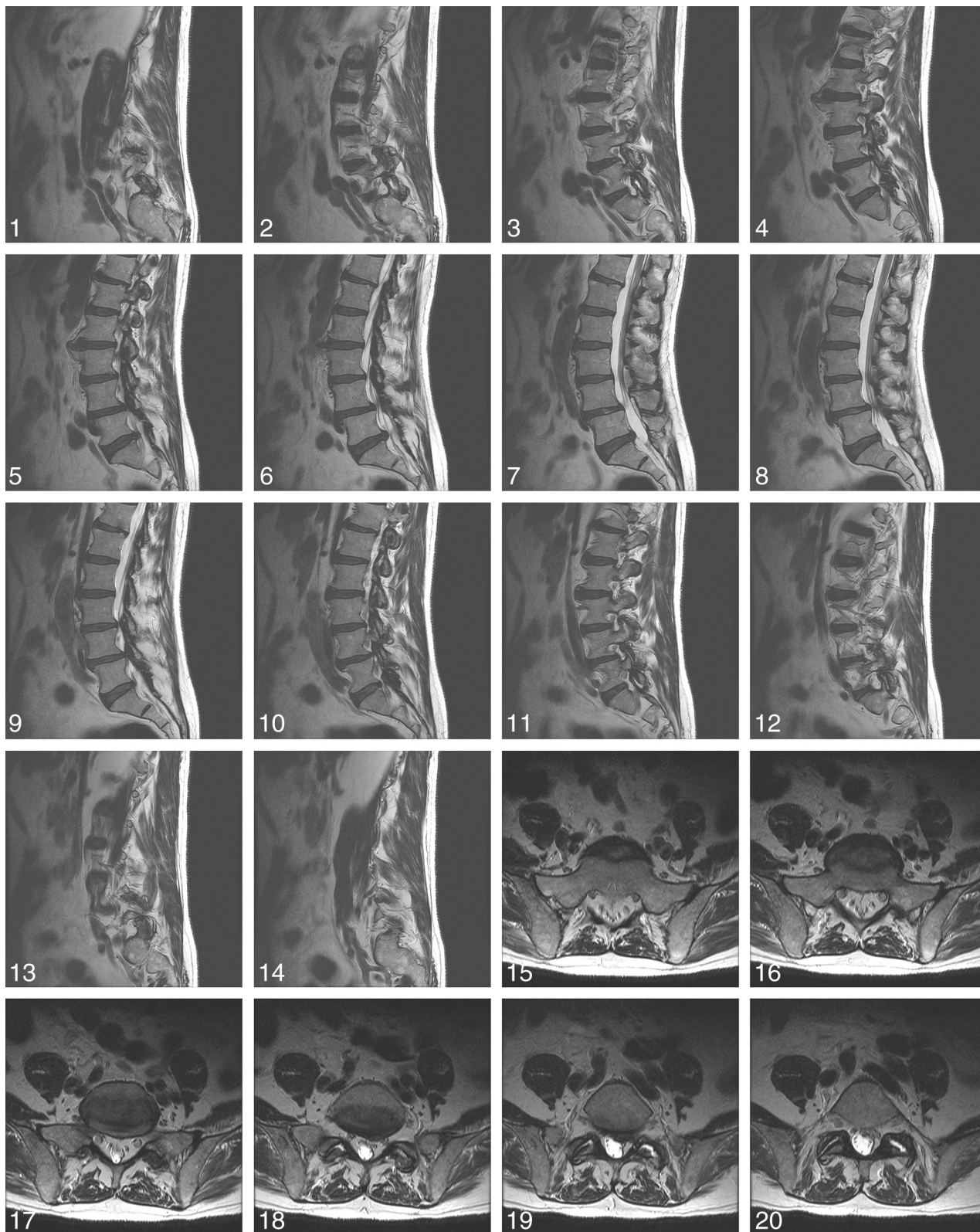
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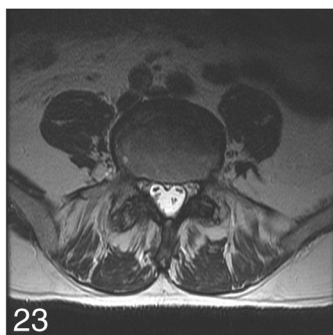
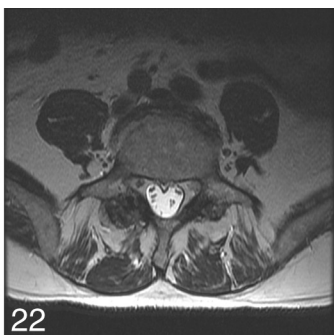
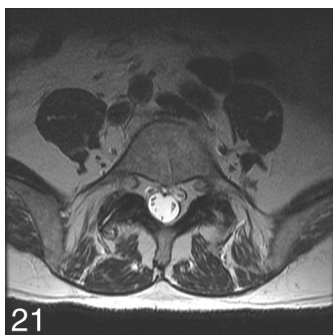
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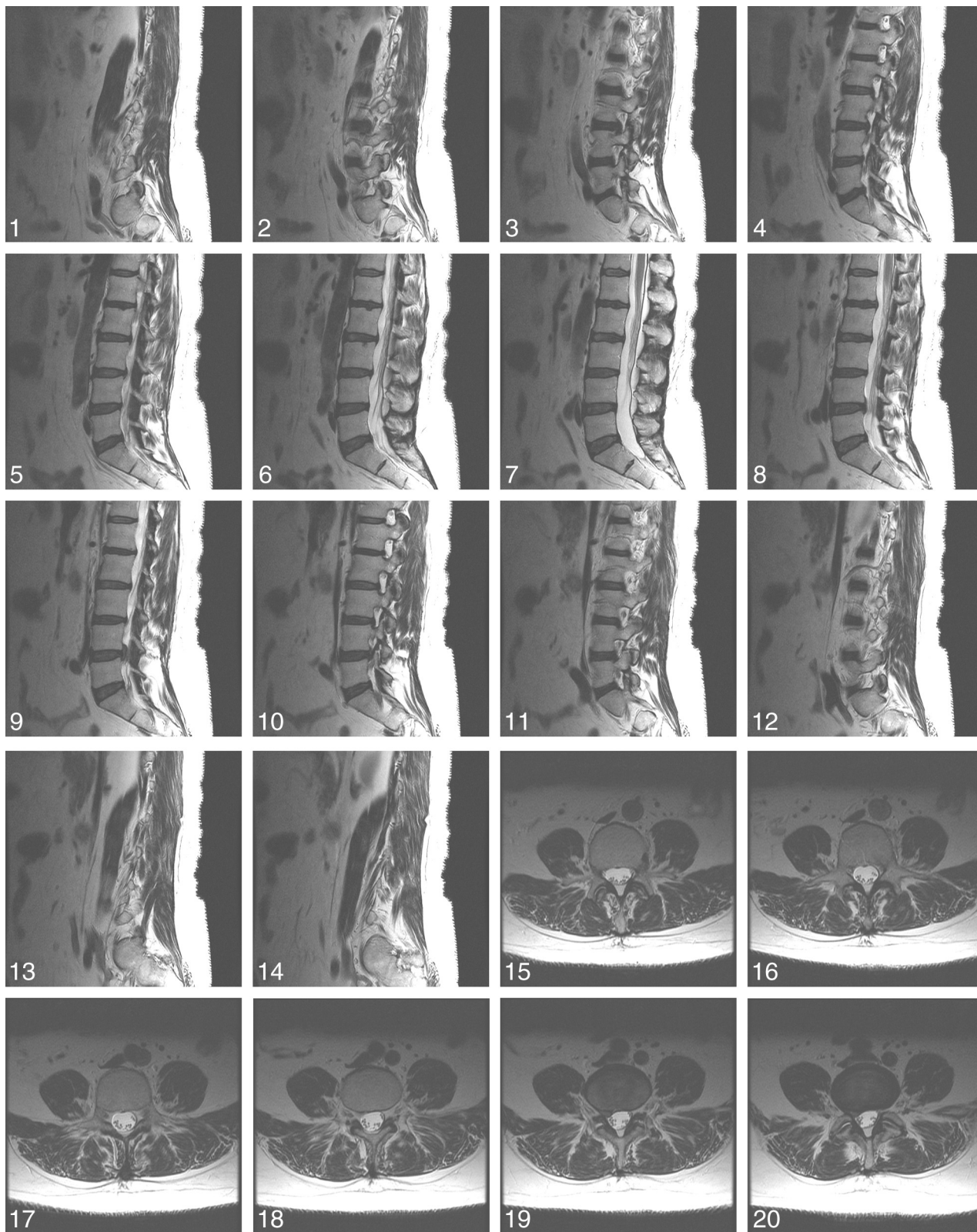
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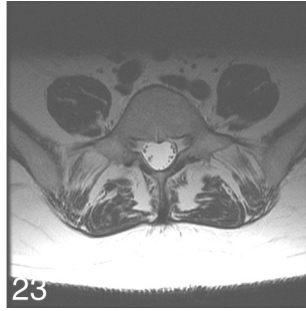
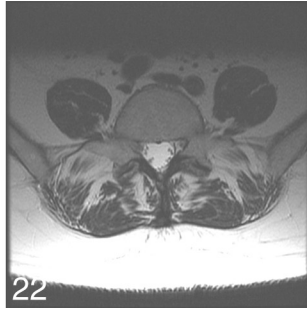
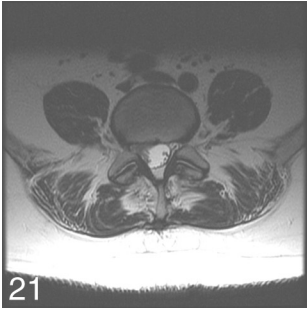
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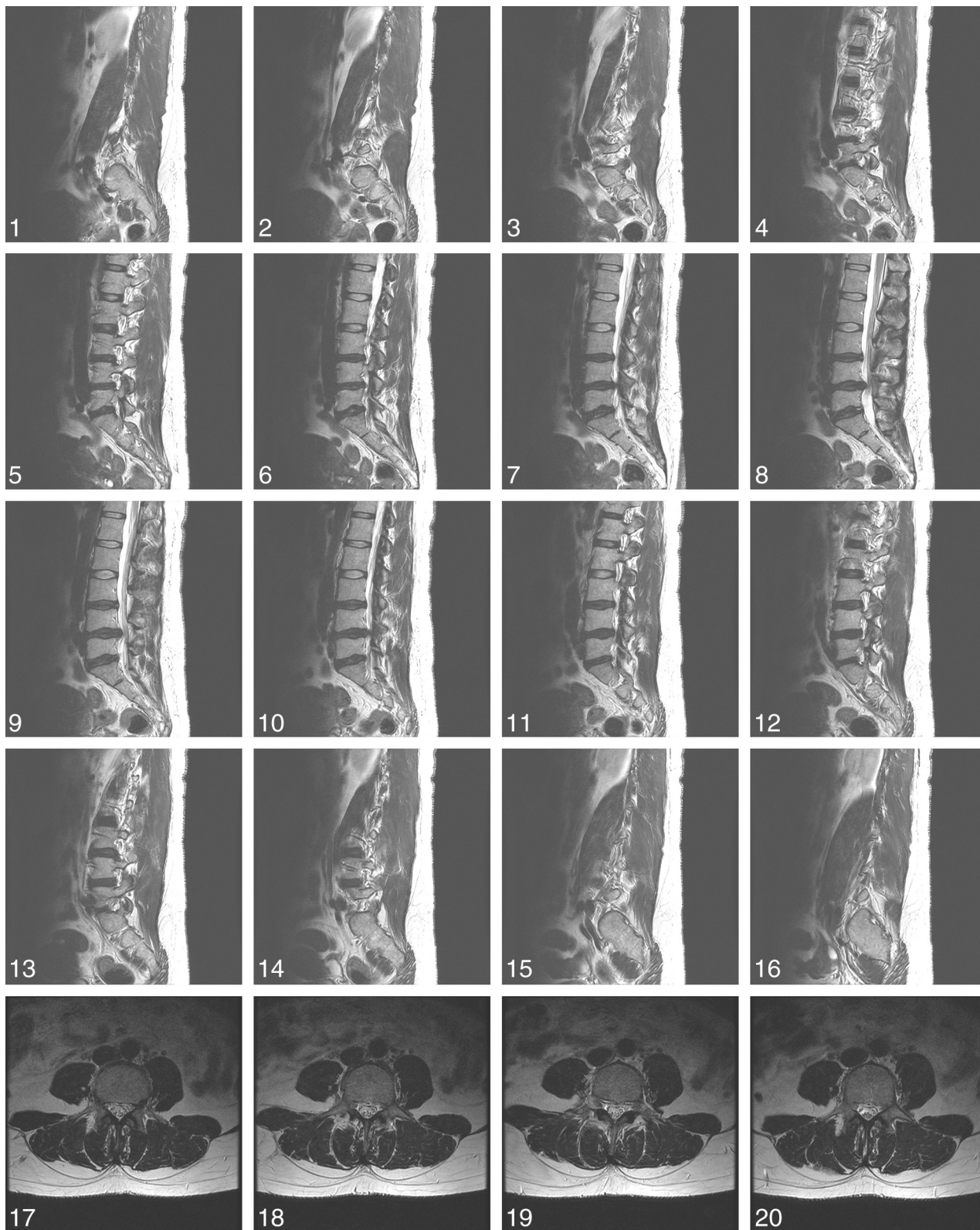
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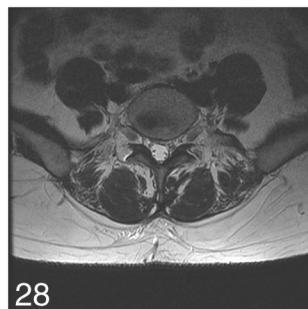
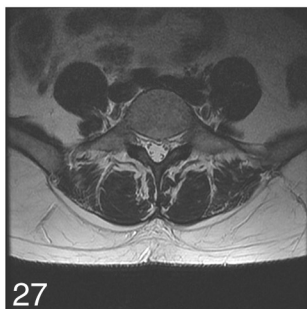
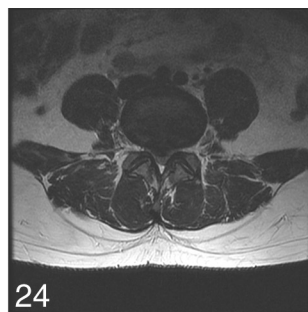
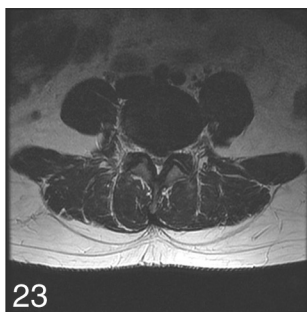
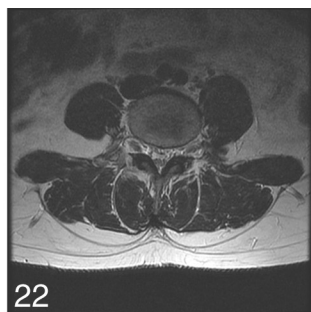
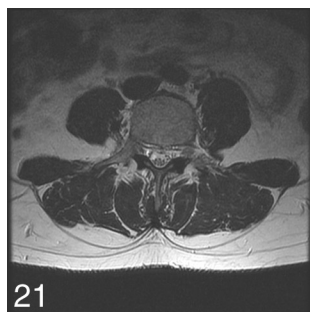
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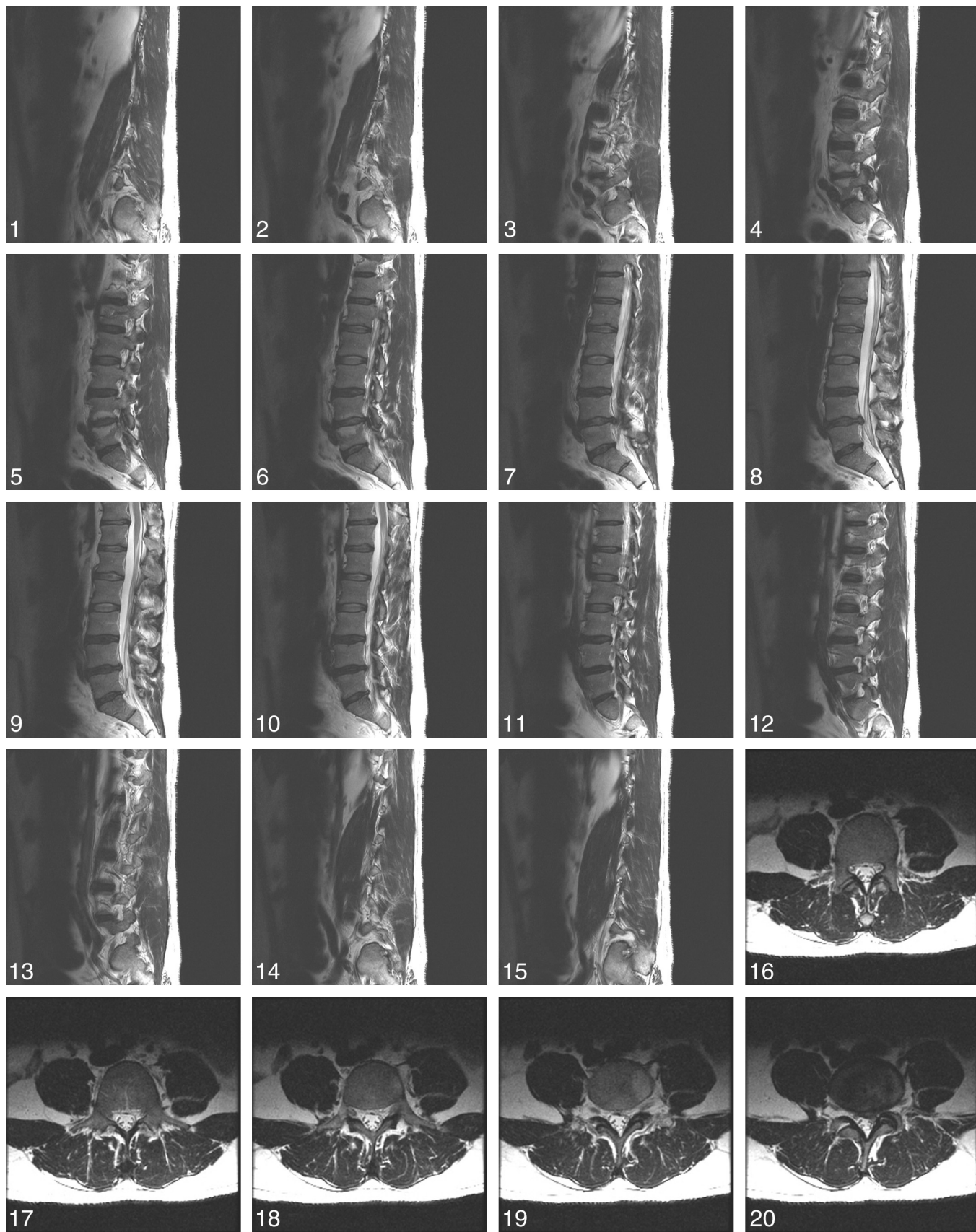
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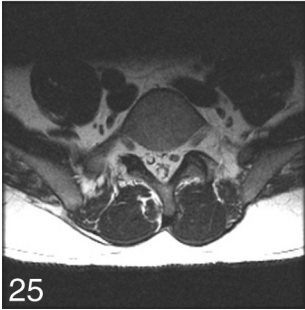
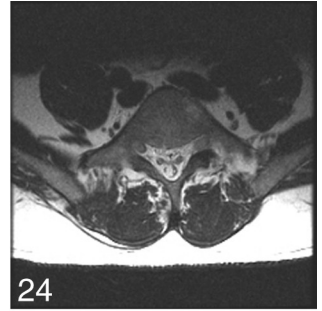
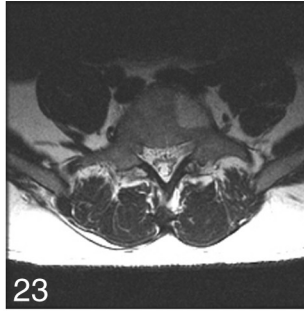
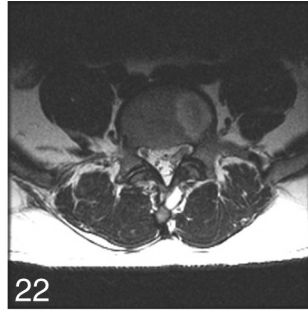
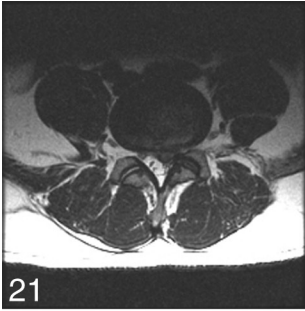
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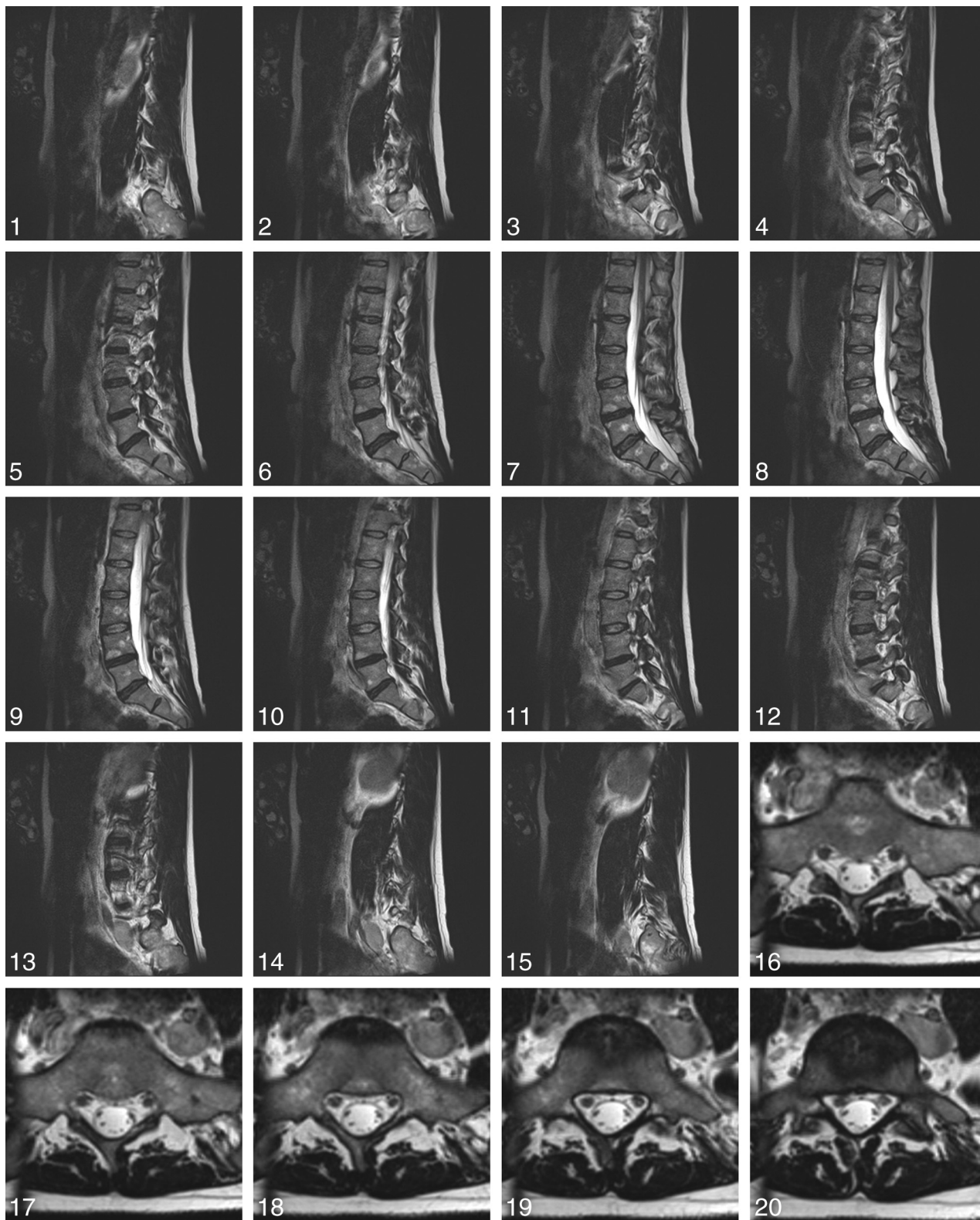
ON-LINE APPENDIX 3, CASE 11. Continued.



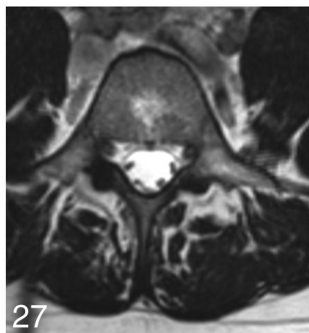
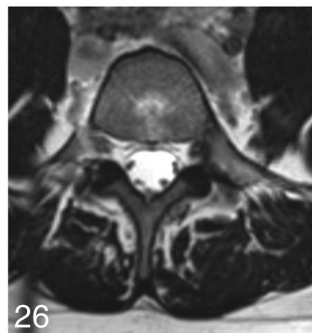
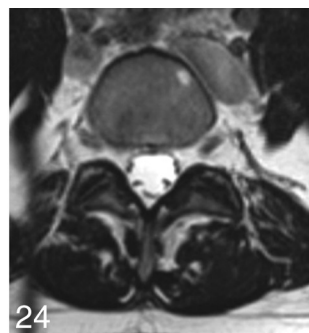
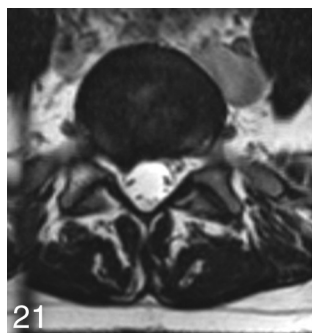
ON-LINE APPENDIX 3, CASE 12.



ON-LINE APPENDIX 3, CASE 12. Continued.



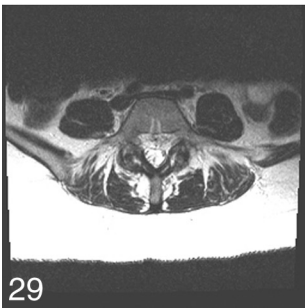
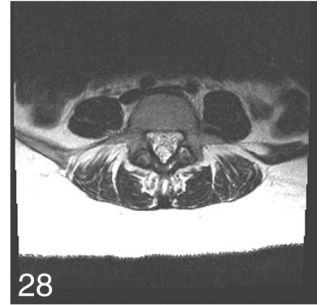
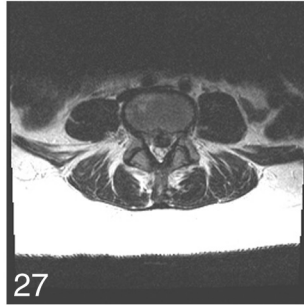
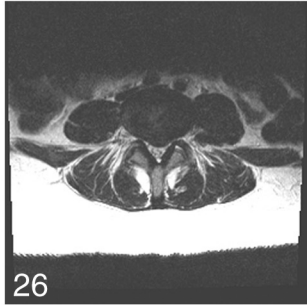
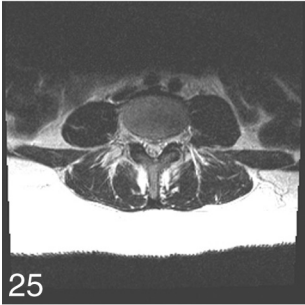
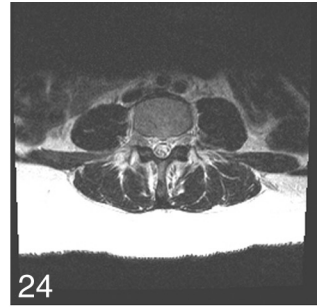
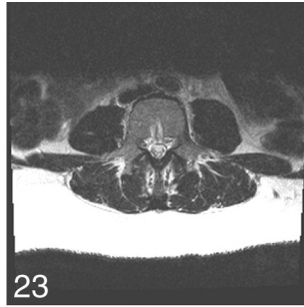
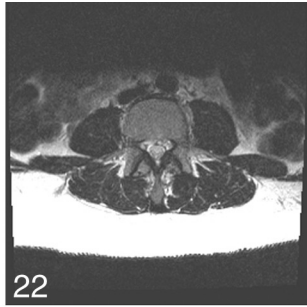
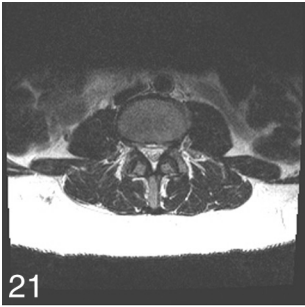
ON-LINE APPENDIX 3, CASE 13.



ON-LINE APPENDIX 3, CASE 13. Continued.



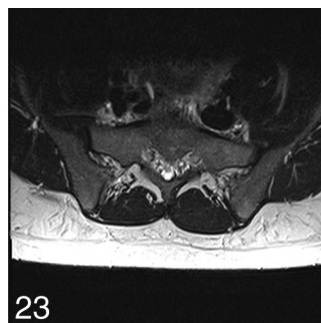
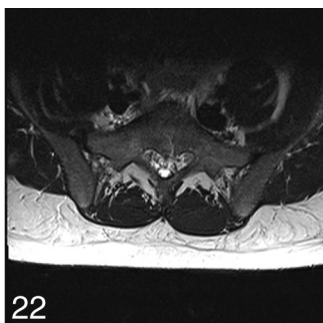
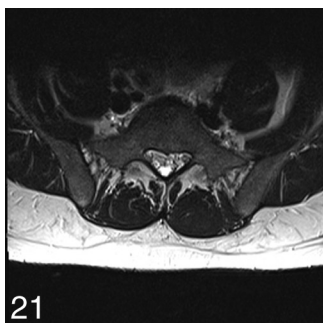
ON-LINE APPENDIX 3, CASE 14.



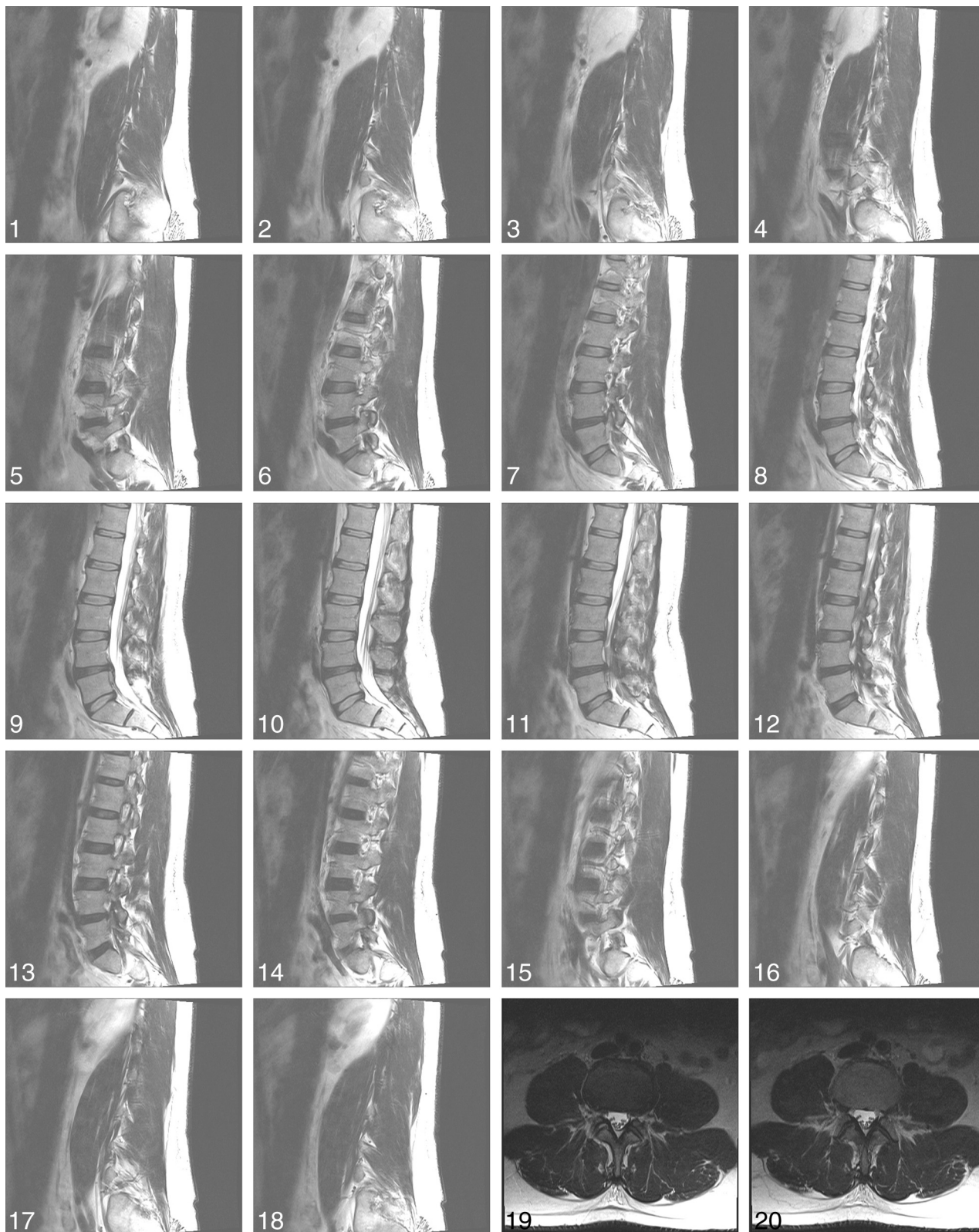
ON-LINE APPENDIX 3, CASE 14. Continued.



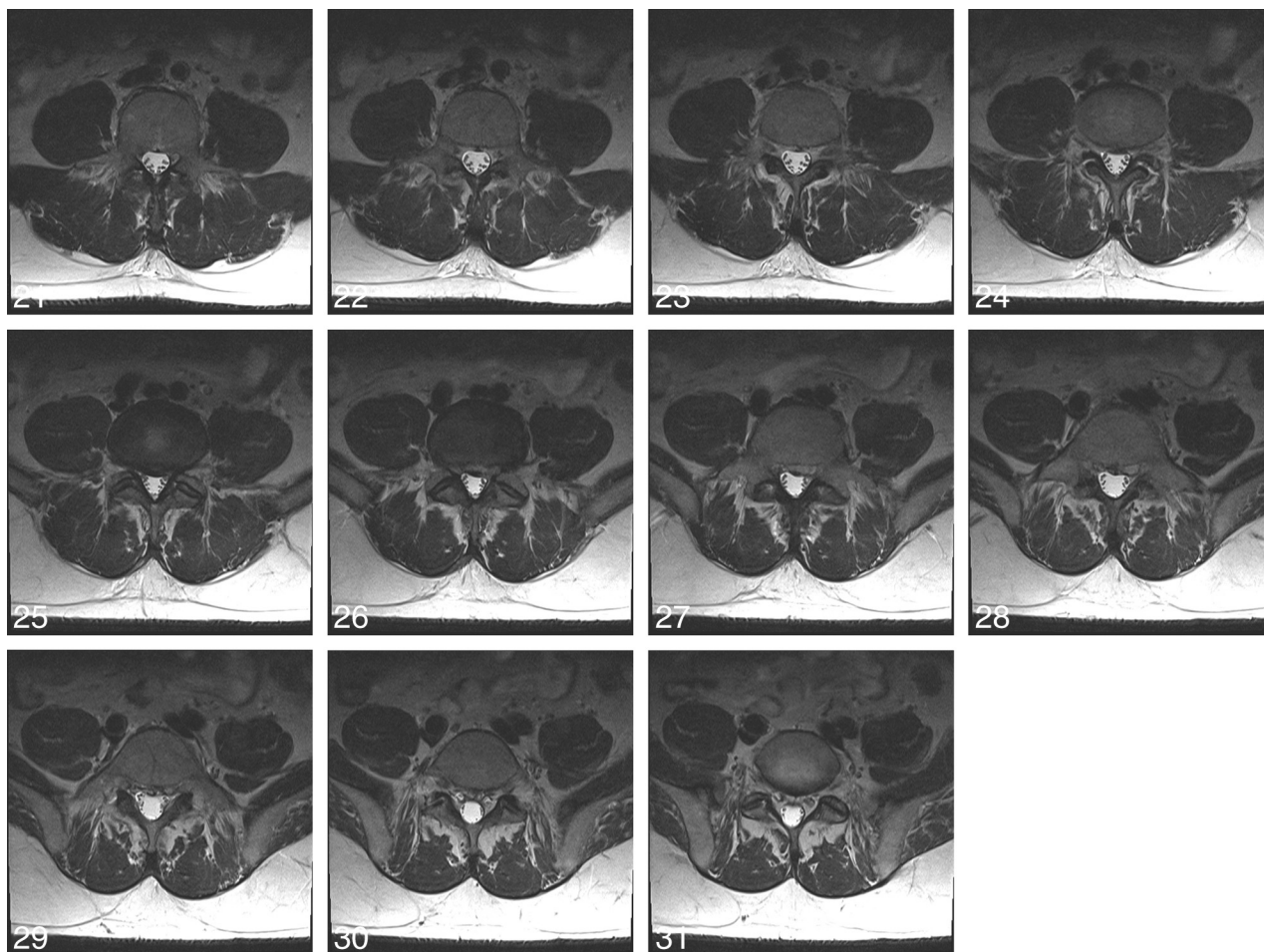
ON-LINE APPENDIX 3, CASE 15.



ON-LINE APPENDIX 3, CASE 15. Continued.



ON-LINE APPENDIX 3, CASE 16.



ON-LINE APPENDIX 3, CASE 16. Continued.