**Figure S1** Representative ROIs for quantitative image quality analysis. Circular ROIs were drawn at the lower thoracic vertebral body (red circle) and cerebrospinal fluid (red line circle) in both conventional reconstruction (A) and deep learning-based reconstruction (B) images of 3-dimensional sagittal heavily T2-weighted fat saturated magnetic resonance myelography at the same location. The SD measured from lower thoracic vertebral body represents the noise. Signal-to-noise ratios was calculated for both image sets based on these measurements. ROIs, region of interests; SD, standard deviation.
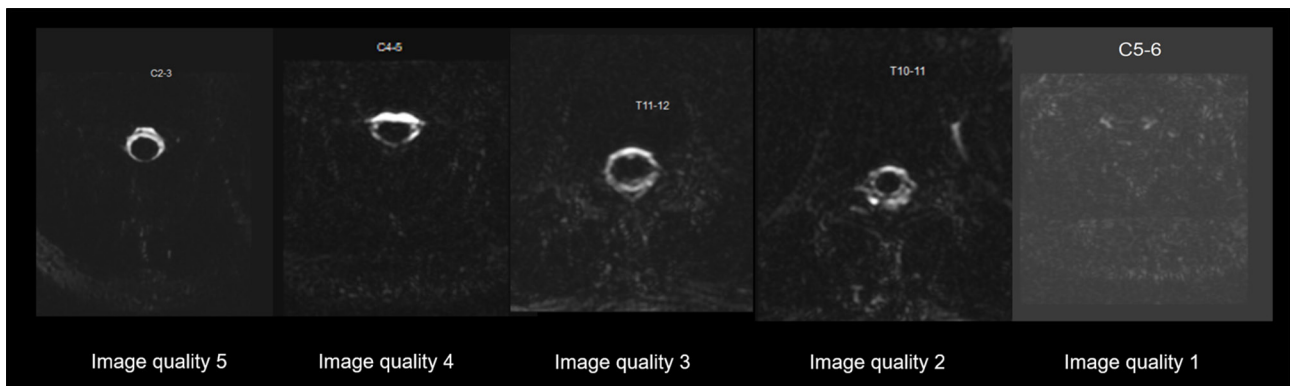
Figure S2 Grading of overall image quality of axial images of 3 dimensional heavily T2-weighted fat saturated magnetic resonance myelography.