

**Supplementary Figure S3**—Representative ventral images of the left L6-S1 ITJs (A through C; cranial is to the top of the images) harvested from cadavers as described in Supplementary Figure 1. The ventral aspect of the left L6-S1 ITJ (black arrow) imaged shows mild (A), moderate (B) and severe (C) bone proliferations and osteophytes. There is ankyloses (white asterisk) of the left L5-L6 ITJ and a closed intertransverse foramen of L6-S1 (black asterisk) (B). The ventral aspect of the cranial margin of L6 imaged (white arrow) shows new bone formation at the level of the ITJ (C).

