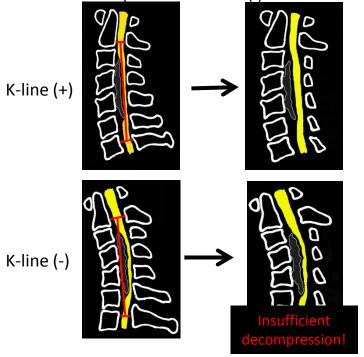
## From Laboratory of Orthopedic Surgery

Comparison of clinical outcomes between laminoplasty, posterior decompression with instrumented fusion, and anterior decompression with fusion for K-line (–) cervical ossification of the posterior longitudinal ligament (OPLL).

Laminoplasty results in insufficient spinal cord decompression for K-line (-) cervical OPLL



## Which surgical procedure is best for K-line (-) OPLL?

Clinical outcome of three different surgical procedures for cervical OPLL



Anterior decompression & fusion



Posterior decompression & fusion



Posterior decompression (Laminoplasty)

We showed appropriate determination of surgical procedure for K-line (–) OPLL.

References: Koda et al., *Eur Spine J* 2016 Jul;25(7):2294-301. Contact at University of Tsukuba: Prof. M Yamazaki