Eligible patients: N=138

Clinical Examination: N=138

Excluded patients: Failed to attend radiography N=10

Reference standard: N=128

Inconclusive results: Poor quality radiographs N=5

Clinical examination data available*: 434 segments in 123 patients

Reference standard (radiographic) data available: 468 segments in 123 patients

Negative test result*: 94.5% of segments in 86.9% of regions

Target condition absent: 96.4% of segments in 89.8% of regions

Positive test result*: 5.5% of segments in 13.1% of regions

Target condition present: 3.6% of segments in 10.2% of regions

Note: STARD = standards for reporting diagnostic accuracy [25]; * data are for PAIVM (central posteroanterior passive accessory intervertebral motion test) for translation LSI (lumbar segmental instability).