

Appendix 1

The full search strategy for PubMed database was: “Lumbar spondylolisthesis” AND “decompression surgery” OR “Laminectomy” OR “Laminectomies” OR “Laminotomy” OR “Laminotomies” OR “Decompression with fusion” OR “Posterior Lumbar Interbody Fusion” OR “Transforaminal Lumbar Interbody Fusion” OR “intervertebral fusion” OR “lumbar pedicle screw fixation”.