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Learning curves of percutaneous endoscopic lumbar discectomy in transforaminal approach at the L4/5 and L5/S1 levels: a comparative study

Key words: **Learning curve, Percutaneous endoscopic lumbar discectomy, Transforaminal approach**

Research Summary

- **Further confirmed the clincal efficacy of percutaneous endoscopic lumbar discectomy in transforaminal approach at the L4/5 and L5/S1 levels**
- **The learning curve at L4/5 level was steeper than that at L5/S1 level**
- **The difficulties at L5/S1 level of percutaneous endoscopic lumbar discectomy in transforaminal approach was discussed**

Innovation points

- **First study to compare the learning curve of percutaneous endoscopic lumbar discectomy in transforaminal approach at the L4/5 and L5/S1 levels**



