



Neurosurgery

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**LUMBAR MICROSURGICAL DISKECTOMIES
 09/1992 – 09/2006**

Virgin	943
Redos	125
Total	1068

	<u>Literature Incidence</u>	<u>NeuroSpine Center</u>
Complications:		
Superficial wound infection	0.9 – 5 %	3 0.3 %
Deep wound infection	1%	6 0.6 %
Increased motor deficit	1-8%	2(transient) 0.2 %
Incidental durotomy	0.3-13 %	4 0.4 %
CSF fistula requiring repair	0.1%	1 0.1 %
Pseudomeningocele	0.7-2%	6 0.6 %
Incidental durotomy in redo MSD	18%	0 0 %
Recurrent disc herniation	6-19% (10 yr)	63 5.8 % (14 yr)
Spinal epidural abscess	0.67%	0 0 %
Diskitis	0.2-4%	1 0.1 %
Cauda equina syndrome	0.21%	0 0 %
DVT/PE	0.1%	0 0%
RSD	1.2%	0 0 %
Death	0.06%	0 0 %
Injury to great vessels, ureters, etc.	?	0 0 %
Total permanent complication rate requiring reoperation	At least 9.67% (10 yr)	70 6.7 % (14 yr)

NOTE: Recurrent herniated disc after microdiscectomy, although undesired, is not considered a complication of the procedure (due to the natural history of the disease).