



Neurosurgery

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**ANTERIOR CERVICAL DECOMPRESSION  
 + FUSION, + – INSTRUMENTATION  
 09/1992 – 09/2006**

|  |            |
|--|------------|
| Single level, no instrumentation                           | 126        |
| Single level, instrumentation                              | 112        |
| <u>(Single level, instrumentation, partial corpectomy)</u> | <u>258</u> |
| Total  | 496        |

|   | <u>Literature Summary</u> | <u>NeuroSpine Center</u><br>(Dr. Wascher) |       |
|---|---------------------------|---|-------|
| hematoma                                  | 0.2 - 0.9%                | 0   | 0 %   |
| superficial infection                     | 0.1 - 2%                  | 1   | 0.2 % |
| deep infection                            | <1%                       | 0   | 0 %   |
| CSF leak                                  |                           | 0   | 0 %   |
| incidental durotomy                       |                           | 0   | 0 %   |
| transient UE weakness                     |                           | 2   | 0.4 % |
| permanent UE/LE weakness                  |                           | 0   | 0 %   |
| graft extrusion                           | 0.4 - 4.6 %               | 0   | 0 %   |
| transient dysphagia (>6 weeks)            |                           | 4   | 0.8 % |
| permanent dysphagia (>12 weeks)           |                           | 1 (mild)                                  | 0.2 % |
| transient hoarseness                      | 11%                       | 8   | 0.7 % |
| permanent hoarseness                      | 4 %                       | 0   | 0 %   |
| vascular injury                           |                           | 0   | 0 %   |
| esophageal or tracheal injury             |                           | 0   | 0 %   |
| symptomatic pseudoarthrosis (mild)        |                           | 1   | 0.2 % |
| symptomatic pseudoarthrosis req. revision | 2 - 20%                   | 0   | 0 %   |
| improvement                               |                           | 495                                       | 99.8% |
| permanent complication rate               | At least 7.7 %            |   | 0.2 % |