## **Gunshot wounds to the spine**

## Indications for surgery

1. injury to the cauda equina (whether complete or incomplete) if nerve root compression is demonstrated <sup>1)</sup>.

- 2. neurologic deterioration: suggesting the possibility of spinal epidural hematoma
- 3. compression of a nerve root
- 4. Cerebrospinal fluid fistula
- 5. spinal instability: very rare with isolated GSW to the spine

1)

Robertson DP, Simpson RK. Penetrating Injuries Restricted to the Cauda Equina: A Retrospective Review. Neurosurgery. 1992; 31:265–270

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