

# Modified Japanese Orthopedic Association Score (mJOA)

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Name: \_\_\_\_\_ Date of birth: \_\_\_\_\_

Surgery date: \_\_\_\_\_ Today's date: \_\_\_\_\_

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## I. Motor dysfunction score of the upper extremities

- Inability to move hands (0)
  - Inability to eat with a spoon but able to move hands (1)
  - Inability to button shirt but able to eat with a spoon (2)
  - Able to button shirt with great difficulty (3)
  - Able to button shirt with slight difficulty (4)
  - No dysfunction (5)
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## II. Motor dysfunction score of the lower extremities

- Complete loss of motor and sensory function (0)
  - Sensory preservations without ability to move legs (1)
  - Able to move legs but unable to walk (2)
  - Able to walk on flat floor with a walking aid (e.g., cane or crutch) (3)
  - Able to walk up and/or down the stairs with handrail (4)
  - Moderate to significant lack of stability but able to walk up and/or down stairs without handrail (5)
  - Mild lack of stability but walk unaided with smooth reciprocation (6)
  - No dysfunction (7)
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## III. Sensation

- Complete loss of hand sensation (0)
- Severe sensory loss or pain (1)
- Mild sensory loss (2)
- No sensory loss (3)

#### IV. Sphincter dysfunction

- Inability to urinate voluntarily (0)
  - Marked difficulty with micturition (1)
  - Mild to moderate difficulty with micturition (2)
  - Normal micturition (3)
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Score: \_\_\_\_\_

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**Mild myelopathy:** mJOA from 15 to 17

**Moderate myelopathy:** mJOA from 12 to 14

**Severe myelopathy:** mJOA from 0 to 11

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#### Reference

Azimi, P., Shahzadi, S., Benzel, E. C., & Montazari, A. (2015). Functional evaluation using the modified Japanese Orthopedic Association Score (mJOA) for cervical spondylotic myelopathy disease by age, gender, and type of disease. *Journal of Clinical Neuroscience*, 22(1), 1-4. doi: 10.1016/j.jocn.2014.09.014