



ΕΥΑΓΓΕΛΟΣ Μ. ΡΟΚΑΣ, - ΝΕΥΡΟΧΕΙΡΟΥΡΓΟΣ

ΕΛΑΧΙΣΤΑ ΕΠΕΜΒΑΤΙΚΗ ΧΕΙΡΟΥΡΓΙΚΗ ΕΓΚΕΦΑΛΟΥ & ΣΠΟΝΔΥΛΙΚΗΣ ΣΤΗΛΗΣ

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ΗΜΕΡΟΜΗΝΙΑ:

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| ΕΠΩΝΥΜΟ | ΟΝΟΜΑ |
|---------|-------|

| Solution given by | <input type="checkbox"/> Lumbar Puncture | | <input type="checkbox"/> Intrathecal Catheter | | | | | | | | | | | | | |
|--------------------|--|---|---|---|--------------------|---|-------------------|---|-------------------|---|-------------------|---|-------------------|---|--|--|
| | Dose given: | | | | Time of injection: | | | | | | | | | | | |
| Time | Pre-bolus | | ½ Hr after bolus | | 1 Hr. after bolus | | 2 Hrs after bolus | | 3 Hrs after bolus | | 4 Hrs after bolus | | 6 Hrs after bolus | | | |
| Resp/min | | | | | | | | | | | | | | | | |
| Pulse/min | | | | | | | | | | | | | | | | |
| Blood Pressure | | | | | | | | | | | | | | | | |
| Spasticity Scores | L | R | L | R | L | R | L | R | L | R | L | R | L | R | | |
| Wrist flexion | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Wrist extension | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Elbow flexion | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Elbow extension | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Hip adduction | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Hip abduction | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Hip flexion | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Knee extension | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Knee flexion | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Ankle dorsiflexion | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| Plantar flexion | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |

| Score | Ashworth Scale (1964) | Modified Ashworth Scale Bohannon & Smith (1987) |
|--------|--|---|
| 0 (0) | No increase in tone | No increase in muscle tone |
| 1 (1) | Slight increase in tone giving a catch when the limb was moved in flexion or extension | Slight increase in muscle tone, manifested by a catch and release or by minimal resistance at the end of the range of motion when the affected part(s) is moved in flexion or extension |
| 1+ (2) | | Slight increase in muscle tone, manifested by a catch, followed by minimal resistance throughout the remainder (less than half) of the ROM (range of movement) |
| 2 (3) | More marked increase in tone but limb easily flexed | More marked increase in muscle tone through most of the ROM, but affected part(s) easily moved |
| 3 (4) | Considerable increase in tone - passive movement difficult | Considerable increase in muscle tone passive, movement difficult |
| 4 (5) | Limb rigid in flexion or extension | Affected part(s) rigid in flexion or extension |