

題號：159

國立臺灣大學100學年度碩士班招生考試試題

科目：神經物理治療學

題號：159

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1. 請比較 Brunnstrom, Bobath, Carr and Shepard 對於中風患者治療的基本概念並舉例說明臨床手法技巧有何異同? (25%)
2. Please describe the different strategies between healthy young subject and frail elderly during sit-to stand. (6%) Please give at least one clinical test to assess the functional ability related to sit-to-stand. (7%)
3. What are the symptoms and signs in a C6 incomplete spinal cord injured subject with central cord syndrome? (4%) Please describe what kind of strengthening programs and assistive devices would be given for ambulation training in this subject with C6 central cord syndrome. (8%)
4. What is constraint-induced movement therapy (CIMT)? What are the theoretical framework and the key elements of CIMT? When applying CIMT to stroke rehabilitation to promote patients' upper extremity function, what are the important considerations? (12%).
5. What is partial body-weight supported treadmill training (PBWSTT)? Please explain its theoretical background and the primary considerations when applying PBWSTT to patients with stroke to promote their walking ability. (13%).
6. Please explain the symptoms and signs of patients with Parkinson's disease (PD) and the Hoehn & Yahr Scale (H-Y scale) (12%)
7. Please state the possible therapeutic goals and therapeutic strategies for different stages of PD subjects. (13%)

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