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| Title: | The validity and reliability of Purdue Pegboard Test and modified Moberg Pickup Test in patients with carpal tunnel syndrome |
| Research Category: | Category 1: Occupational Disease, Injury and Health Services |
| Issue/rationale: | Carpal tunnel syndrome is among the top work-related disorders with the highest contribution to "years of productivity lost" among workers. Much effort has been spent on improving the accuracy of carpal tunnel syndrome diagnosis. |
| Objectives: | <p>This research project is to determine the criterion validity and reliability of the modified Moberg Pickup Test and the Purdue Pegboard Test in quantifying carpal tunnel syndrome induced hand functional disability, and its correlation with the severity of symptoms by:</p> <ul style="list-style-type: none"> • Determining whether both the modified Moberg Pickup Test and the Purdue Pegboard Test are reliable in quantifying the severity of hand disability in patients with carpal tunnel syndrome. • Testing the validity of these two tests by correlating the severity of hand functional disability as measured by these two tests with the patients' symptom severity as measured by Levine's Self- Administered Carpal Tunnel Syndrome Questionnaire. • Determining which one of the two hand function tests correlates better with patients' symptom severity scores. |
| Anticipated Results/Impact: | This project has the potential to facilitate targeted rehabilitation and expeditious return to work. |
| Keywords: | carpal tunnel syndrome, Purdue, Moberg |
| Investigators: | K. Ming Chan, University of Alberta |
| Year Funded: | 2004 |
| Budget: | \$5,000 |
| Funding Agency: | Workers' Compensation Board–Alberta |