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## Symptoms, adherence and the quality of life in patients receiving stent implantation

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The purpose of this study was to explore cardiac-related symptoms, adherence, and the quality of life in 100 patients who undergone first cardiac stenting implantation at both baseline and six months post cardiac stenting implantation. Convenience sampling was utilized and recruited patients from a regional teaching hospital in south of Taiwan. This study was a follow-up design. Data collecting instrument included Cardiac symptoms scale, compliance scale, and 12-item Short-Form Health Survey. Results included: (1) following cardiac stent implementation, patients experienced mainly chest pain, shortness of breath, and fatigue frequently; patients' chest pain had significantly improved ( $p < 0.05$ ) at six months post cardiac stenting implantation; (2) dyspnea, fatigue, palpitations, and poor appetite were significantly related to the physical component of the quality of life ( $p < .05$ ) at six months. In addition, fatigue, depression, difficulty sleeping, anxiety, stress, and poor appetite were negatively related to the mental component of the quality of life ( $p < 0.05$ ); (3) cardiac-related symptoms interfere, friends/family support, severity of symptoms, adherence, family history could predict the quality of life.

### Biography

Chih-Wen Chen has obtained her Master degree in Nursing from College of Nursing at National Taipei University of Nursing and Health Sciences. She is the nurse practitioner leader at AnTai medical care cooperation Antai Tian-Sheng Memorial Hospital.

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