

## **Psychometric properties of the Persian version of the brief illness perception questionnaire (BIPQ) in patients with non-specific chronic neck pain**

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Neck pain is one of the most prevalent musculoskeletal problems which, especially at chronic stage, affect the physical and mental health, quality of life, socioeconomic status of the affected people and their families in a negative way.

While classical medical interventions usually tend to approach this problem in a more biological way (e.g. Pathoanatomical approach, Kinesiopathological approach or Mechanical approach), the role of psychosocial parameters in both symptom intensity and treatment efficacy cannot be neglected. In other words, in order to get the best treatment efficacy, we need to consider psychological factors such as self-efficacy, social support, mood, coping strategies, and illness perception as influential factors in addition to other related factors like pain intensity and physical factors.

In 2006, Broadbent et al. designed the Brief Illness Perception Questionnaire (BIPQ) which measures the following eight components of illness perception:

consequences, timeline, personal control, treatment control, identity, concern, coherence, and emotional responses.

It has been proven that illness perception is highly correlated with adherence to treatment and also the quality of life. Since the perception of illness is from different cultural and social conditions can be different, and also it has a significant role in adopting coping strategies and chronicity of pain, the study of the illness perception is necessary for obtaining good assessment and treatment results.

### **Biography**

Mohammadali Shakoorianfard is an MSc student in the field of Physical Therapy in Iran University of Medical Sciences (IUMS). Although his main line of research is Diabetic Foot/Diabetic Ulcer, he also has authorship of 3 books about gait analysis, the role of hydration in military personnel and Ultrasound in Physical Therapy as well as co-authorship of 2 publications regarding psychological aspects of chronic pain.

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