

**Saeid Fatorehchy**

Assistant Professor

Department of Occupational Therapy, The University of Social Welfare and Rehabilitation Sciences, Kodakyar St, Daneshjo Blvd, Velenjak, Tehran, Iran,

Tel: (98) 2122180037

Fax: (98) 2122180063

**E-mail:** [saeidfatorehchy@yahoo.com](mailto:saeidfatorehchy@yahoo.com)

**Education:**

PhD Occupational Therapy, University of Social Welfare and Rehabilitation Sciences, 2019

Master of Occupational Therapy, , University of Social Welfare and Rehabilitation Sciences,2005

B.Sc. of occupational therapy, Shahid Beheshti university of medical sciences, 2001

**PhD thesis:**

Design and investigation the effect of Gait Enhancer Mechanism on balance and gross motor function in children with cerebral palsy: level III of GMFCS

**Teaching experiences:**

Clinical training in children with cerebral palsy

Clinical training in physical disease

Principals of kinesiology

Kinesiology of trunk

Kinesiology of upper extremity

Kinesiology of lower extremity

Human movement science

Muscle testing and joint range of motion

Orthotics and prosthetics

Splint making for upper limb

Fundamentals of occupational therapy

Children psychomotor development

OT in low vision people

OT for physical dysfunction

**Supervisor in B.Sc. thesis:**

- Motor control skills for low back pain
- Rehabilitation after total hip replacement
- Shoulder sport injuries and rehabilitation
- Upper limb orthotics in sport activities
- Common tests in occupational therapy
- Massage therapy for Down's syndrome
- Rehabilitation of BPPV
- Botox and rehabilitation
- Balance assessment tools
- Gait pattern analysis in children with cerebral palsy
- Hydrotherapy in neurologic disorders
- Physical rehabilitation outcomes measure
- Occupational assessment for children

**Supervisor or co-supervisor in postgraduate thesis:**

- The study of the effect of OT home program on gross and fine motor development of 5-10 year old children with cerebral palsy, By: Sahar Johari, 2012

- The effect of cross education therapeutic techniques on pinch and grasp strength and fine dexterity in children with spastic hemiplegia, By: Mehdi Saber, 2011
- The effect of NDT on gross motor function and quality of life in children with cerebral palsy aged 4-8, By: Sahar noorani, 2013
- Design a questionnaire for clinical efficacy assessment for occupational therapists, By: Azadeh Jabari, 2014
- Explanation of experience of children with cerebral palsy from occupational therapy, By: Masoud Babaii, 2014
- The Effect of Conventional Occupational Therapy with the Use of Hip Orthotic on Improving the Balance of Children with Spastic Diplegia, By: Hafez Fath, 2015
- Comparison of visual perceptual skills in children with cerebral palsy based on the severity of gross motor function, By: Mostafa Eghlimi, 2016
- Comparison of hand function skills between elderly people and middle aged people, By: Parvin Nazari, 2016
- Design and Assessment of a Control-feedback system in order to improve sitting pattern in children with Cerebral palsy, By: Faranak Abdoli, 2018

**Research interests:**

- Gross and fine motor problems in children
- Virtual rehabilitation
- Balance rehabilitation in clients with neurological condition
- Motion analysis in children with cerebral palsy
- Design new devices for locomotion