

Ronak

Kinect Based Rehabilitation System



Ronak is an advanced rehabilitation system which uses Microsoft Kinect™ as a motion capture device. Its customized software package provides a range of testing and exercise protocols for physical rehabilitation. Ronak is an affordable rehabilitation solution for clinical and even home applications.



Main Features:

- Advanced user-friendly environment with powerful capabilities in diagnosis and treatment
- Ability to archive patient's data and monitoring the treatment procedure
- Using audio and visual feedback to motivate and guide patients throughout the treatment
- No need for a permanent presence of the therapist after setting up the system

Application areas:

- Orthopedic patients (Frozen shoulder, rotator cuff and tendon injury...)
- Neurologic patients (CVA, TBI, MS...)
- Rehabilitation of sport injuries
- Research projects in the field of rehabilitation

