



**MediTouch**

Fulfill your potential





## Clinical Concept and Advanced Technologies

MediTouch creates innovative physical rehabilitation solutions for hospital, community clinic and home care use. The unique patented products utilize wearable motion capture devices and dedicated rehabilitation software that allows patients with upper and lower extremity movement dysfunction to undertake intensive practice of single and multi-joints using movement biofeedback. The movement biofeedback tasks are customized to both the patient's movement ability and the clinician's therapy objectives. This allows the clinician to motivate the patient to do intensive practice allowing them to achieve better functional recovery. All of our products are used by leading hospitals worldwide and have full FDA and CE certification.

## TeleRehabilitation simply genius

MediTouch has developed the innovative MediTutor software that allows for TeleRehabilitation. Today leading hospitals and physical and occupational rehabilitation centers worldwide are using MediTouch systems for TeleRehabilitation. Physical and occupational therapists can connect to the patient through an online connection and webcam enabling regular check-in customized and guided exercise sessions. Optimal patient rehabilitation is ensured in the convenience of their own home. MediTouch employs therapists trained to provide TeleRehabilitation services using Tutor devices and MediTutor software worldwide.



## Total Package Solution

Integrate the complete MediTouch system into your physical medicine services.

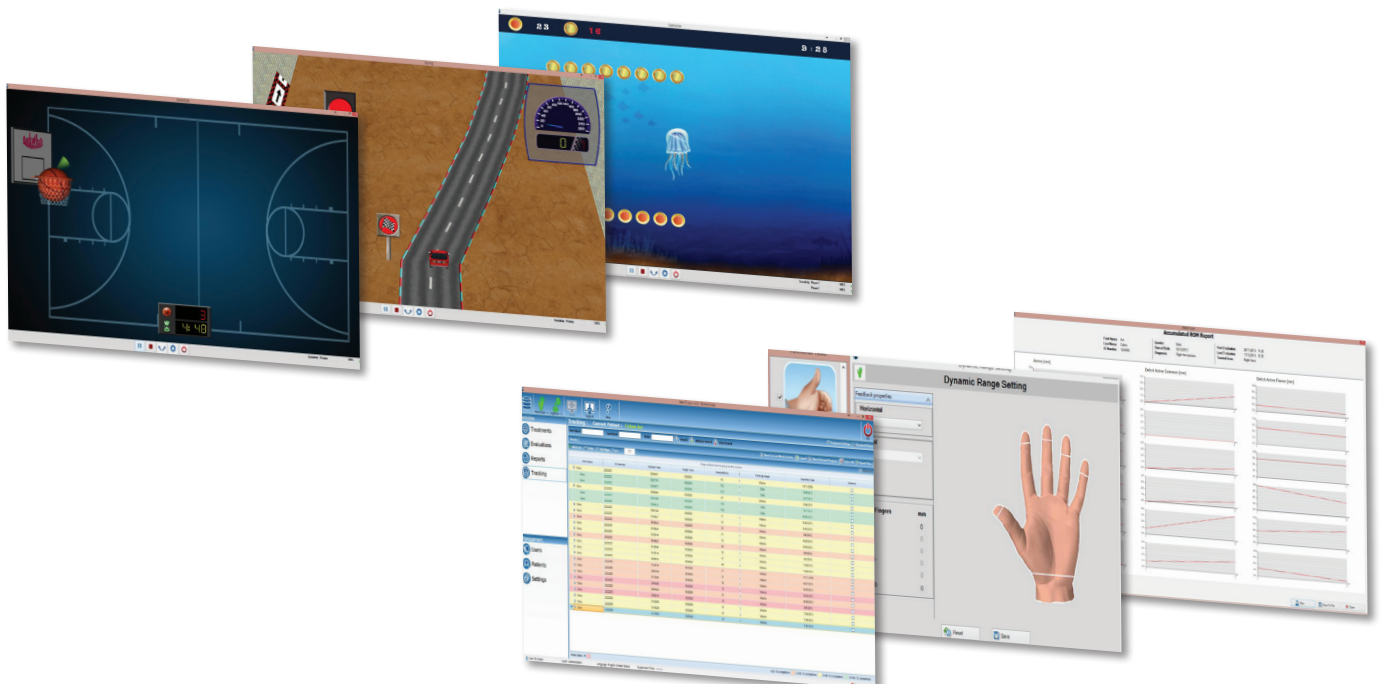
### Tailor made for Rehabilitation Facilities:

- ✓ Generate a new source of revenue
- ✓ Increase referrals
- ✓ Documentation and reports
- ✓ Cost effective system for larger and smaller clinics
- ✓ Challenging and motivating to patients
- ✓ Portable with easy and fast setup
- ✓ TeleRehabilitation benefits
- ✓ Suitable sizes from age +3



## MediTouch Software

Clinical applications and evaluation software provides the clinician with objective and quantitative information on the patient's movement ability. Recorded and documented information allows the clinician to customize exercise practice to the patient's movement ability. Motivating and challenging tasks in the form of rehabilitation games challenge and motivate the patient to do intensive practice with movement biofeedback leading to enhanced functional recovery. The software has a complete suite of Clinic/Patient Management Records.



“something that is emerging in rehabilitation is TeleRehab so being able to use the great technology especially for patients who leave here and find a great thing to continue these activities at home” - *Teressa Garcia Occupational therapist, Kennedy Krieger Institute* -

## Clinical Indications

- Fine motor, sensory and cognitive impairments
- Stroke
- Multiple Sclerosis
- Cerebral Palsy
- Parkinson’s disease
- Head injuries
- Complex regional pain syndrome
- Muscle weakness
- Peripheral nerve injuries
- Post orthopedic surgery e.g. tendon transfer
- Fractures and soft tissue injuries
- Upper/ lower extremity movement dysfunction
- Strength and balance training

## Unique Features

- Evaluation and analysis including speed, passive and active range of motion and motion analysis
- Documentation & Reports for objective evaluation and treatment follow up
- Controlled & Customized real-time accurate feedback on patient performance
- Motivating & Challenging rehabilitation games suitable for a wide variety of neurological and orthopedic injury and disease
- Movement biofeedback prevents development of undesired and compensatory movements





### HandTutor™



**The HandTutor** improves fine motor, sensory and cognitive impairments through intensive active exercises using customized games with movement biofeedback allowing to target isolated or a combination of finger/s and wrist during treatment. The system is used by many leading physical therapy centers worldwide and has full FDA and CE certification.

### ArmTutor™



**The ArmTutor** allows for isolated elbow and elbow and shoulder functional practice. The system provides detailed exercise instructions and precise feedback on the patients exercise performance and improvement. Controlled practice of multi joints within the normal movement pattern prevents the development of undesired and compensatory joint movement and ensures better performance of functional tasks.

### LegTutor™



**The LegTutor** consists of an ergonomic wearable leg brace. Its innovative technology allows lower extremity practice of the hip and knee employing both isolated joints and functional tasks. The system permits a range of biomechanical evaluation including speed, passive and active range of motion and motion analysis of the lower extremity allowing for objective evaluation and treatment follow up.

### 3DTutor™



**The 3DTutor** cutting edge technology allows for treatment and follow up of the head, trunk, upper (shoulder, arm, elbow and hand) and lower extremity (leg, hip, knee and ankle). The system provides detailed exercise instructions and precise feedback on the patient's performance and improvement allowing controlled customized motivational rehabilitation using movement biofeedback.

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