Efficacy and Safety of Digital Therapeutics for Improving Shoulder Function After Rotator Cuff Repair

NCT07255534

Status	RECRUITING
Phase	Not Applicable
Sponsor	Samsung Medical Center
Enrollment	70 participants

Key Eligibility Criteria

Inclusion (4)

- Be an adult aged 19 or older.
- Have a diagnosis corresponding to Korean Standard Classification of Diseases codes M75.1 (rotator cuff tear) or S46.08 (other specified injuries of tendons and muscles at shoulder and upper arm), and have undergone rotator cuff repair (RCR) surgery, or RCR combined with procedures such as acromioplasty, biceps tenotomy, fixation, or labrum repair.
- Own a smartphone operating on the Android or iOS platform.
- Have received a full explanation of this clinical trial, understood it, voluntarily agreed to participate, and provided written consent to comply with study precautions.

Exclusion (6)

- History of previous rotator cuff repair surgery on the same site (revision surgery).
- Planning or recommendation by medical staff for contralateral rotator cuff repair surgery within one year after enrollment.
- Plans to receive direct manual therapy or invasive procedures (e.g., oriental medicine treatments, injections, regenerative therapies) at the surgical site through inpatient or outpatient care at another hospital within one year post-discharge.
- Presence of severe underlying conditions, neuromusculoskeletal disorders, visual impairment, uncontrolled diabetes, cardiovascular disorders, or other comorbidities that hinder participation in rehabilitation exercises.
- Difficulty using clinical trial medical devices due to cognitive impairment (e.g., dementia), visual impairment, or digital illiteracy.

... and 1 more (see full listing online)

Locations (1 total)

Samsung medical center, Seoul, Republic of Korea, South Korea