SchouderNetwerken Nederland

Verslag van de Commissie Innovatie

SchouderNetwerken Nederland

Innovaties binnen de fysiotherapeutische schouder zorg

SchouderNetwerken Nederland

-PARELS werkgroep

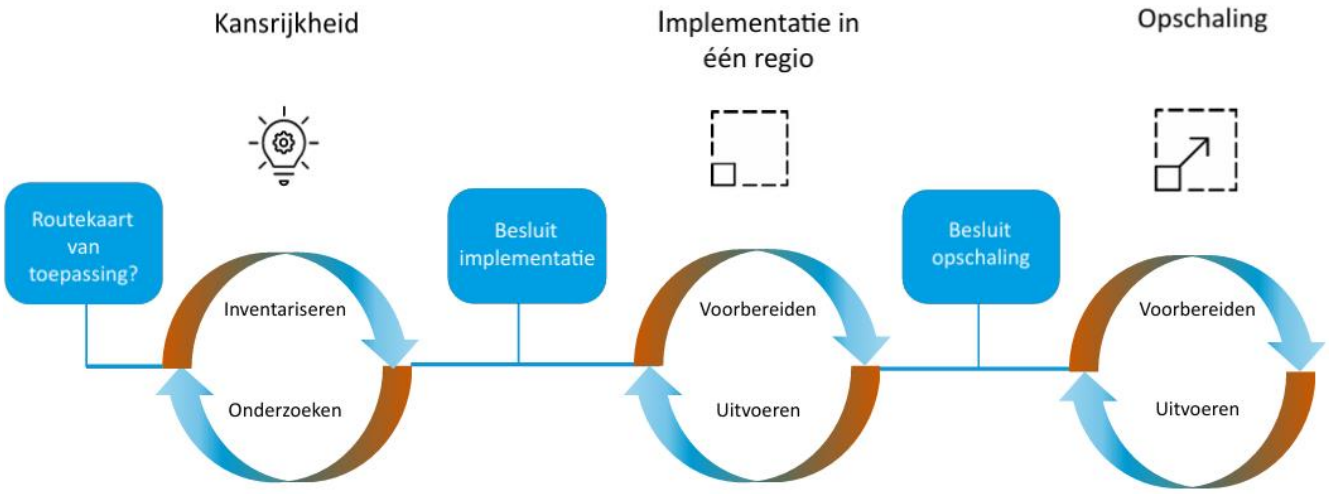
-Shoulder Pacemaker

- VR Bril

Parel-S Routekaart

De routekaart van de werkgroep is klaar
Wordt nu gebruikt als test op verschillende plaatsen in Nederland

Routekaart


Kansrijkheid
Implementatie in één regio
Opschaling
Routekaart van toepassing?
Inventariseren
Onderzoeken
Besluit implementatie
Voorbereiden
Uitvoeren
Besluit opschaling
Voorbereiden
Uitvoeren

Wat is de evidentie van de innovaties?

VR Bril

Evidentie voor tevredenheid van het gebruik door fysiotherapeuten bij patiënten met schouderklachten. Geen directe evidentie voor het effect bij schouderklachten, wel bij chronische pijnklachten.

Schouder Pacemaker

Geen duidelijke evidentie. Wel aanwijzingen voor redelijk effect.

Shoulder-Pacemaker Treatment Concept for Posterior Positional Functional Shoulder Instability

A Prospective Clinical Trial

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Investigation performed at the Department for Shoulder and Elbow Surgery, Center for Musculoskeletal Surgery, Campus Virchow, Charité–Universitaetsmedizin Berlin, Berlin, Germany

Background: Pathological muscle activation patterns of the external rotators and periscapular muscles can result in posterior positional functional shoulder instability (PP-FSI). In several patients, physical therapy and surgical treatment are not successful.

Purpose: The shoulder-pacemaker treatment concept was evaluated prospectively in patients with PP-FSI and previously failed conventional therapy attempt.

Study Design: Case series; Level of evidence, 4.

Methods: A negative selection of 24 consecutive cases of noncontrollable PP-FSI in 16 patients with previously failed conventional therapy were included in this prospective study. The shoulder-pacemaker treatment consisted of an electrical muscle stimulation–based therapy protocol with 9 to 18 one-hour treatment sessions. Two patients were excluded because of nonadherence to the training schedule, leaving a final study cohort of 21 cases in 14 patients. Follow-up included assessment of clinical function, impairment during daily activities and sports, satisfaction, Western Ontario Shoulder Instability Index (WOSI), Rowe score, and Subjective Shoulder Value at 0 weeks, 2 weeks, 4 weeks, 3 months, 6 months, 12 months, and 24 months after intervention.

Results: WOSI, Subjective Shoulder Value, and Rowe score showed a highly significant improvement at all time points of follow-up ($P < .001$). Young age ($P = .005$), low weight ($P = .019$), shoulder activity level ($P = .003$), unilateral affliction ($P = .046$), and higher baseline WOSI score ($P = .04$) were associated with a better treatment effect. Cases with increased glenoid retroversion,

Onderzoek door collega Beate Bejaco

Deelonderzoek naar beoordelen fysiotherapeuten gebruik van VR bril bij patiënten met schouderklachten.
Onderzoek naar effect is ze nog mee bezig.
Wel evidentie voor revalidatie bewegingsapparaat bij chronische pijnklachten.

Is Virtual Reality Effective in Orthopedic Rehabilitation? A Systematic Review and Meta-Analysis

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Affiliations + expand

PMID: 31343702 DOI: 10.1093/ptj/pzz093

Abstract

Background: Virtual reality (VR) is an interactive technology that allows customized treatment and may help in delivering effective person-centered rehabilitation.

Purpose: The purpose of this review was to systematically review and critically appraise the controlled clinical trials that investigated VR effectiveness in orthopedic rehabilitation.

Data sources: Pubmed, CINAHL, Embase, PEDro, REHABDATA, and Sage publications were searched up to September 2018. In addition, manual searching and snowballing using Scopus and Web of Science were done.

Study selection: Two reviewers screened studies for eligibility first by title and abstract and then full text.

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Bedankt voor de aandacht

Zijn er vragen?