Monitoring and improving guideline adherence by an electronic decision support system.

Gepubliceerd: 07-09-2005 Laatst bijgewerkt: 18-08-2022

Care providers are more likely to adhere to clinical practice guidelines when they receive guideline-based decision support by an electronic system.

Ethische beoordeling	Positief advies
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON26471

Bron
Nationaal Trial Register

Verkorte titel
CARDSS

Aandoening

The study is aimed at all patients who are screened at Dutch cardiac rehabilitation centres.

Ondersteuning

Primaire sponsor: Nederlandse Hartstichting
Overige ondersteuning: ZonMW Doelmatigheid 2004 / ZonMw Health Care Efficiency Research Programme 2004

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Adherence, by care providers, to the Dutch Cardiac Rehabilitation Guidelines.

Toelichting onderzoek

Achtergrond van het onderzoek

Cardiac rehabilitation is a multidisciplinary therapy for cardiac patients that is provided after cardiac events and cardiac interventions. It is optimally effective in a patient-oriented approach where each rehabilitation programme is tailored to the patient's specific needs; this approach is therefore advocated by the Dutch Guidelines Cardiac Rehabilitation.

To support professionals in applying the guidelines in daily practice, an electronic decision support system (DSS) has been developed that is based on the guidelines.

The DSS identifies the appropriate goals and therapies of a cardiac rehabilitation programme, based on the patient's condition, history, and needs.

This study evaluates the effect of the DSS on guideline adherence by conducting a cluster randomised trial. The participating cardiac rehabilitation centres will either work with an intervention version of the DSS, having full functionality, or with a control version, which comprises patient records and information management services but provides no decision support. Both versions of the DSS record patient data, guideline-based recommendations, and rehabilitation goals and therapies that are actually pursued in each patient's programme. Duration of the trial is six months in each participating CR centre.

Doel van het onderzoek

Care providers are more likely to adhere to clinical practice guidelines when they receive guideline-based decision support by an electronic system.

Onderzoeksopzet

N/A

Onderzoeksproduct en/of interventie

Randomisation takes place at cluster (centre) level. The participating cardiac rehabilitation centres will either work with an intervention version of the DSS, having full functionality with advice, or with a control version, which comprises patient records and information management services but provides no advice regarding clinical decisions.

The system is based on the Dutch Cardiac Rehabilitation Guidelines 2004.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

The decision support system (DSS) can be used at all Dutch cardiac rehabilitation (CR) centres. These centres treat patients after acute coronary syndromes, patients with angina pectoris, heart failure, and/or congenital heart disease, and patients who have undergone cardiac surgery, percutaneous transluminal coronary angioplasty, or heart transplant surgery, or have received an implantable cardioverter defibrillator.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

The system should be used on a routine basis in the participating CR centres, for all patients that are screened for CR; no patients are excluded.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland

Status:	Werving gestopt
(Verwachte) startdatum:	01-01-2005
Aantal proefpersonen:	5000
Type:	Werkelijke startdatum

Ethische beoordeling

Positief advies

Datum:	07-09-2005
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL209
NTR-old	NTR246
Ander register	: N/A
ISRCTN	ISRCTN36656997

Resultaten

Samenvatting resultaten
Stud Health Technol Inform. 2008;136:193-8.