Reducing vitamin testing in primary care practice

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The numbers of diagnostic vitamin D and B12 tests ordered in general practice will reduce by a de-implementation strategy, comprising: - education of general practitioners using existing guidelines on vitamin D and B12 tests ordering - techniques...

Ethische beoordeling	Positief advies
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON25913

Bron
Nationaal Trial Register

Verkorte titel
REVERT

Aandoening

vitamin D, vitamin B12, diagnostic testing, primary care, education

vitamine D, vitamine B12, diagnostiek, huisarts, scholing

Ondersteuning

Primaire sponsor: Julius Center for Health Sciences and Primary Care - University Medical Center Utrecht
Erasmus Medical Center Rotterdam
SALTRO, STAR-MDC
Overige ondersteuning: ZonMw - Citrienfonds

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The reduction in diagnostic vitamin D and B12 tests ordered per 1000 patients in the year after the intervention, as compared to the year prior to the intervention.

Toelichting onderzoek

Achtergrond van het onderzoek

An every year increasing numbers of vitamin diagnostic tests are being ordered by general practitioners. Often there is no clear clinical reasoning or indication for these tests. Furthermore, this testing has been shown to result in over-diagnosing, over-treatment, medicalization, with very limited health benefits. The REVERT study aims to reduce unnecessary ordering of vitamin D and B12 diagnostic tests in primary care by educating general practitioners about merits and pitfalls of vitamin D and B12 testing and communication about this topic and these tests with their patients. Education will be based on existing, evidence-based current primary care guidelines. The additional value of informing patients will also be investigated.

Doel van het onderzoek

The numbers of diagnostic vitamin D and B12 tests ordered in general practice will reduce by a de-implementation strategy, comprising:

- education of general practitioners using existing guidelines on vitamin D and B12 tests ordering

- techniques for general practitioners to communicate and discuss this topic with their patients

- feedback for practices on numbers of vitamin tests in the previous years

- educational materials for patients

Onderzoeksopzet

Primary and secondary endpoints will be determined by comparing data from a complete year after the intervention to those from a complete year prior to the intervention.
After the intervention, about 10 general practitioners and about 10 patients will be interviewed.

Onderzoeksproduct en/of interventie

The intervention, targeted at general practitioners, will be a meeting (Diagnostisch Toets Overleg) in which education on existing guidelines for vitamin D and B12 and communication with patients about this topic will be offered by an expert. General practitioners will also receive feedback on the history of vitamin D and B12 tests ordering of their practices.
In the other arm, general practitioners have the same educational meeting, and patients in their practices will be informed about this topic using written information material and via screens in the waiting room.

Contactpersonen

Publiek

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

General practitioners willing to participate in this intervention trial. No individual patients will be included. In total, 30-40 Dutch primary care practices will participate.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Not relevant, as the intervention is targeted at general practitioners, not at patients.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-02-2017
Aantal proefpersonen:	35
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	05-01-2017
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	NL6069
NTR-old	NTR6216
Ander register	: 839201002_REVERT

Resultaten

Samenvatting resultaten
N/A