

Curcumin study: Plasma concentrations of curcumin, piperin and genistein in subjects using over the counter supplements.

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Ethische beoordeling	Positief advies
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON25480

Bron

Nationaal Trial Register

Verkorte titel

Curcumine onderzoek

Aandoening

Curcumin

Piperine

Genistein

Bioavailability: biologische beschikbaarheid

Oncology: Oncologie

digestive system: maag darmstelsel

blood vessel pathologie; bloedvataandoeningen

Ondersteuning

Primaire sponsor: Academic Medical Center, Amsterdam

Overige ondersteuning: Investigator initiated

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The aim of this study is to investigate if curcumin is detectable when patients use curcumin supplements in daily life.

Toelichting onderzoek

Achtergrond van het onderzoek

The aim of the study is to investigate if curcumin is detectable when subjects use curcumin supplements in daily life.

During a single visit to the hospital a questionnaire about the food supplement use by subjects and two blood samples will be collected. One sample before intake and one sample after intake of the food supplement.

With a validated method the concentrations of curcumin, piperin and genistein and their metabolites will be measured.

Doel van het onderzoek

Despite pre-clinical evidence the effectiveness of curcumin in clinical trials is limited. Currently food supplements are available as over the counter products with probably fallacious claims about the bioavailability. Prices of 40-50 euros per bottle of curcumin with or without piperin or genistein are common. Despite this patients currently use this supplement in addition to care. In this pilot research we want to investigate which products, formulations and dosages patients use and measure the plasma levels reached during intake of these supplements.

Onderzoeksopzet

17-oct-2016 start of study

Onderzoeksproduct en/of interventie

none

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Adults, currently using curcumin foodsupplement as a over the counter product, patient in AMC, able to give informed consent, healthy participants/visitors of the AMC

Recruitment method: recruitment via treating physician via a folder. Travel cost will be reimbursed if visit cannot be combined with a regular visit. Personal bloodvalues can be given at the end of the study.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Inability to give informed consent

inability to follow instructions of the investigator

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving gestopt
(Verwachte) startdatum:	17-10-2016
Aantal proefpersonen:	50
Type:	Werkelijke startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Positief advies	
Datum:	12-10-2016
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 42857
Bron: ToetsingOnline
Titel:

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL5931
NTR-old	NTR6111
CCMO	NL58755.018.16
OMON	NL-OMON42857

Resultaten