

Developing and evaluating online printed educational material on cancer and genetics.

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We hypothesize a positive effect of the online PEM on attitude, knowledge in general practitioners.

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

Samenvatting

ID

NL-OMON22094

Bron

Nationaal Trial Register

Verkorte titel

General practitioners' online genetics education evaluation: RCT

Aandoening

Cancer and genetics, general practice, family medicine, education, continuing medical education (CME), randomized controlled trial (RCT), printed educational material (PEM)

Ondersteuning

Primaire sponsor: The author is based at VU University Medical Center and Maastricht University MUMC+.

Overige ondersteuning: This article is the result of a research project of the Centre for Society and the Life Sciences in The Netherlands, funded by the Netherlands Genomics Initiative.

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Knowledge is assessed immediately before the intervention, immediately after the intervention and 6 months later by mail linked to an online questionnaire.

Toelichting onderzoek

Achtergrond van het onderzoek

Context:

GPs are increasingly expected to deliver genetics services in daily patient care. Education in primary care genetics is considered suboptimal and in urgent need of revision and innovation.

Objective:

To determine if an innovative online printed genetic educational module (PEM) for family physicians (FPs) can produce changes with respect to genetics and cancer knowledge in daily family practice.

Design, Setting and Participants:

Double blind randomised controlled trial conducted from September 2011 to April 2012. Participants are 80 GPs from the Netherlands who volunteer to participate in the study. A control group of 40 physicians receive no intervention.

Conclusions:

Appropriately designed, evidence based online PEM could result in objectively measured enhanced knowledge as well as continued gains in knowledge. The results from this study could inform the development of similar genetic PEMs, to improve FPs' knowledge and performance in genetic patient care on other common genetic diseases with high morbidity and mortality frequently seen in primary care (such as diabetes, asthma, cardiovascular diseases).

Doel van het onderzoek

We hypothesize a positive effect of the online PEM on attitude, knowledge in general practitioners.

Onderzoeksopzet

Right before, right after and 6 months after the intervention.

Onderzoeksproduct en/of interventie

The intervention consists of an online printed genetic educational material (PEM) on cancer and genetics written in collaboration with The Dutch College of General Practitioners (NHG).

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

To be eligible for the study, Dutch GPs outside the provinces of Noord Holland (METC approval from the VU University Medical Center acquired) and Limburg (METC approval acquired from the Maastricht University MUMC+) are required to work full- or part-time in a family practice setting. They are not required to comfortably use the internet, however a computer with internet access is necessary to access the online and login accessible genetic CME.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

GPs are excluded if they are unwilling or unable to participate in either randomly assigned study group. Dutch GPs inside the provinces of Noord Holland and Limburg, because of logistic reasons and because we wished to evaluate participants knowledge based on the PEM intervention and not the live continuing educational meeting held in Noord Holland and Limburg. Validity of the test results could otherwise be diminished because of selection bias.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blinding:	Dubbelblind
Controle:	Actieve controle groep

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-09-2011
Aantal proefpersonen:	66
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum: 10-03-2012

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	NL3178
NTR-old	NTR3322
Ander register	NVMO / METC VUmc : ERB 63 / 2011/237
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

Houwink, E. J., L. Henneman, et al. (2012). "Prioritization of future genetics education for general practitioners: a Delphi study." Genetics in medicine : official journal of the American College of Medical Genetics. Genet Med advance online publication 5 January 2012.

Houwink, E. J., S. J. van Luijk, et al. (2011). "Genetic educational needs and the role of genetics in primary care: a focus group study with multiple perspectives." BMC family practice 12: 5.