PneuMonitor - Comfort and prognosis in patients with pneumonia and dementia

Gepubliceerd: 10-03-2015 Laatst bijgewerkt: 18-08-2022

Implementation of a practice guideline for optimal symptom relief in Dutch nursing homes will reduce suffering in patients with dementia and pneumonia.

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

Samenvatting

ID

NL-OMON26992

Bron
Nationaal Trial Register

Verkorte titel
PneuMonitor

Aandoening

Dementia, pneumonia

Ondersteuning

Primaire sponsor: VU University Medical Center, EMGO+ Institute for Health and Care Research
Overige ondersteuning: The Netherlands Organisation for Scientific Research (NWO), the Hague; Innovational Research Incentives Scheme, a career award to JTS (Grant number Vidi 91711339).

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Suffering (Discomfort: Discomfort Scale – Dementia of Alzheimer Type (DS-DAT); Pain: Pain Assessment In Advanced Dementia (PAINAD); comfort: End Of Life in Dementia – Comfort Assessment in Dying (EOLD-CAD), respiratory difficulty: Respiratory Distress Observation Scale (RDOS)

Toelichting onderzoek

Achtergrond van het onderzoek

Many people in western countries currently die with dementia. In up to two-thirds of these patients, pneumonia is the terminal event. Earlier work has indicated severe suffering, along with under treatment of symptoms of the pneumonia. Comfort care is appropriate when death is near, but prognostication is difficult.

The PneuMonitor study examines whether suffering in patients with dementia and pneumonia can be reduced by the implementation of an evidence and consensus based practice guideline for optimal symptom relief. This practice guideline was developed using a Delphi study, and consists of a checklist that lists symptoms of pneumonia, observational instruments for dyspnea and pain, and the core guideline that provides information about treatments to relieve symptoms of pneumonia. Matched pairs of thirty-two nursing homes that participated in the study (matched by location, number of psycho geriatric beds and baseline DS-DAT scores) were randomly assigned (cluster-randomization) to the control (usual care) or the intervention group. Regular independent observations for discomfort, pain and respiratory difficulty are performed from diagnosis of pneumonia until cure or death (within 14 days) to examine suffering.

Doel van het onderzoek

Implementation of a practice guideline for optimal symptom relief in Dutch nursing homes will reduce suffering in patients with dementia and pneumonia.

Onderzoeksopzet

Outcomes discomfort, pain and respiratory difficulty and conciousness: observations (when possible) twice daily on the day of diagnosis pneumonia (day 0) and day 1. Daily from day 2 until day 10, and one last time on day 13 or 14 or 15. Survival: minimum 3 months, maximum 3.5 years.

Onderzoeksproduct en/of interventie

A practice guideline for optimal symptom relief based on evidence and consensus among national and international experts.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Nursing home residents who reside on a psycho geriatric ward and develop a pneumonia according to clinical judgement (pneumonia most likely diagnosis)

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

None

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	N.v.t. / één studie arm
Blindering:	Enkelblind
Controle:	Actieve controle groep

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	01-01-2012
Aantal proefpersonen:	613
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	10-03-2015
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	NL4731
NTR-old	NTR5071
Ander register	NWO : 91711339

Resultaten

Samenvatting resultaten

van der Maaden T, van der Steen JT, de Vet HC, Achterberg WP, Boersma F, Schols JM, van Berkel JF, Mehr DR, Arcand M, Hoepelman AI, Koopmans RT, Hertogh CM. Development of a practice guideline for optimal symptom relief for patients with pneumonia and dementia in nursing homes using a Delphi study. Int J Geriatr Psychiatry. 2015 May;30(5):487-96