Patient education by telephone: oral vs. video

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There is no difference in information retention in patients when educated preoperatively by telephone or by video.

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

Samenvatting

ID

NL-OMON27510

Bron
NTR

Verkorte titel
TBA

Aandoening

Patient education, multimedia, anesthesia, preoperative care

Ondersteuning

Primaire sponsor: Erasmus MC
Overige ondersteuning: TKI grant Health Holland

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Information retention based on the attained score on the RAK-Q directly after video education and education over the telephone.

Toelichting onderzoek

Achtergrond van het onderzoek

Rationale: Patient education is continuously becoming more important to enable patients to participate in making decisions regarding their medical treatment. Specifically, this is also the case for preoperative education on anesthesia. Worldwide, there are many initiatives to improve preoperative patient education and subsequent level of knowledge of anesthesia, for example by using digital aids. The demand for such aids has increased significantly since the start of the COVID-19 pandemic to facilitate remote preoperative anesthesiological screening. Although many videos to educate patients on anesthesia have been developed and circulate on the internet, there has been little effort to compare this method of educating patients with the traditional one-on-one conversation between the anesthesiologist and the patient. Since the onset of the COVID-19 pandemic a sizable portion of the traditional face-to-face consultation has been replaced by telephone consultation and education. We should compare education by video with education by telephone to investigate what the most optimal form of education is for our patients.

Objective: To compare retention of knowledge after education on anesthesia by watching a video with education by the anesthesiologist on the telephone.

Study design: Participants will be randomized into 2 groups: the video group and the control group. The video group will be shown a video (7:30 minutes) and will subsequently fill out a knowledge questionnaire (the RAK-Q: Rotterdam Anesthesia Knowledge Questionnaire). The video and questionnaire need to be watched and completed before the consultation by the anesthesiologist (not on the same day). The control group will receive an email the evening after their appointment with a link to the questionnaire only. They will be instructed to open the link after they have spoken to the anesthesiologist.

Following national guidelines, participants in all groups will always receive the standard of care, in this case preoperative evaluation and education by telephone. The participants in the video group will be evaluated and educated by the anesthesiologist over the telephone the same way the participants in the control group will be. Subsequent testing will only be done if the operation has not taken place yet and the questionnaires can be completed online after receiving an email with the link.

Doel van het onderzoek

There is no difference in information retention in patients when educated preoperatively by telephone or by video.

Onderzoeksopzet

T0: The knowledge questionnaire is sent to patients the evening after the preoperative consultation (control) or directly after having watched the video (intervention)
T1: 14 days after the consultation both groups receive the same knowledge test

T2: 42 days after the consultation both groups receive the same knowledge test

Onderzoeksproduct en/of interventie

Education using video

Contactpersonen

Publiek

Erasmus MC
Sander van den Heuvel

0107040102

Wetenschappelijk

Erasmus MC
Sander van den Heuvel

0107040102

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Age 18 and above
- Able to read and write in Dutch
- Undergoing elective surgery
- Having a telephone appointment at the preoperative screening clinic

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Cardiac surgery

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Dubbelblind
Controle:	Geneesmiddel

Deelname

Nederland

Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-10-2021
Aantal proefpersonen:	230
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nee

Ethische beoordeling

Positief advies

Datum:	21-09-2021
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	NL9741
Ander register	METC Erasmus MC : MEC-2021-0052

Resultaten