Implementation of the IOTA-models in The Netherlands: current status and possibilities for improvement

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Ethische beoordeling	Niet van toepassing
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON26540

Bron
Nationaal Trial Register

Aandoening

Ovarian carcinoma

Ondersteuning

Primaire sponsor: Maxima Medical Center, Veldhoven, The Netherlands
Overige ondersteuning: Maxima Medisch Centrum, Veldhoven, The Netherlands

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Percentage of hospitals using the IOTA models

Toelichting onderzoek

Achtergrond van het onderzoek

Background and problem statement
The current triage method to differentiate between benign and malignant ovarian tumors has poor sensitivity. As a consequence, many women are not diagnosed or are diagnosed at a late stadium with ovarian cancer, resulting in a poor prognosis for these women with a 5-year survival of 24%. The International Ovarian Tumor Analysis (IOTA) models are a favourable alternative radiological triage method with better sensitivity and similar or even better cost-effectiveness. However, the superiority of the IOTA-models compared to the current method based on the Risk of Malignancy Index (RMI) has not yet been translated into an adjustment of the guidelines and broad implementation.

Research question
How can the implementation of the IOTA models be improved by gynaecologists in The Netherlands?

Secondary research questions are formulated to gather information on the current implementation status of the IOTA models, the impeding and promoting factors for implementation of the IOTA models and a plan of action to improve the implementation of the IOTA models.

Setting of the research and subjects
The research will be performed at the Maxima Medical Center (MMC) in The Netherlands and will focus on Dutch healthcare.

Methods of data collection
Of every Dutch general and academic hospital one contact person will be approached to participate in a digital questionnaire to gather quantitative data about the current implementation status of the IOTA models. A semi-structured interview will be conducted with a representative sample of 14 contact persons to obtain qualitative data about impeding and promoting factors for implementation. In addition, participants of the IOTA course of 2018 and 2019 will be approached for a small prospective explorative research to obtain information about the learning process of making ultrasounds according to the IOTA models.

Methods of data analysis
The quantitative data will be processed in Excel and SPSS files. Data from the semi-structured interviews will be transcribed, coded and processed in a descriptive analysis. The results of the research about the learning process will be related to the exposure in recent years by means of a descriptive analysis. With the results of all subquestions a concrete plan of action that can be undertaken to improve the implementation of the IOTA models in the Netherlands will be written and shared with the NVOG.

Doel van het onderzoek

The current implementation status of the IOTA-models is suboptimal and below the target of 80%. The research will provide insight in the exact implementation status of the IOTA-models in The Netherlands and impeding and promoting factors for implementation.

Onderzoeksopzet

The questionnaires will be distributed in the beginning of 2021. The aim is to conduct the semi-structured interviews in the first months of 2021. In the second quarter of 2021, the results from the questionnaires and the semi-structured interviews will be analyzed and processed in a thesis and report to the NVOG.

Onderzoeksproduct en/of interventie

None

Contactpersonen

Publiek

Maxima Medisch Centrum
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Wetenschappelijk

Maxima Medisch Centrum
Esther Lems

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Gynaecologists in general and academic Dutch hospitals.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Gynaecologists working in a private clinic or outside The Netherlands.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm

Controle: N.v.t. / onbekend

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	14-12-2020
Aantal proefpersonen:	80
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Niet van toepassing

Soort:	Niet van toepassing

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	NL9167
Ander register	METC Maxima Medisch Centrum : N20.121

Resultaten