Optical detection of malignancy during percutaneous interventions.

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON21152

Source
Nationaal Trial Register

Brief title
PercuSpect

Health condition

Pulmonary Coin Lesion
Colon Cancer Liver Metastasis

Sponsors and support

Primary sponsor: Philips Healthcare
Source(s) of monetary or material Support: fund = initiator = sponsor

Intervention

Outcome measures

Primary outcome

Differentiation between normal and malignant tissue. Statistical analysis of the difference between diffuse reflectance spectra obtained at normal and malignant measurement locations.

Secondary outcome

N/A

Study description

Background summary

Investigation of application possibilities of optical spectroscopy within the field of oncology. Optical spectroscopy enables the possibility to specifically differentiate between different (human) tissues. The hypothesis is that incorporation of this technique into existing medical devices (e.g. biopsy needle) would enlarge the accuracy and reliability of these devices. The purpose is to improve and speed up the diagnostics and therapy of the malignacies.

Study objective

The hypothesis is that incorporation of this technique into existing medical devices (e.g. biopsy needle) would enlarge the accuracy and reliability of these devices.

Study design

Day: 0

Intervention

Histological biopsy procedure (standard core biopsy procedure).

Contacts

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Eligibility criteria

Inclusion criteria

1. Patients with a suspicious lesion in lung or liver who are scheduled for a standard core biopsy procedure;

2. Patient planned for percutaneous RFA of colorectal liver metastasis;

3. Written informed consent;

4. Patients ≥ 18 years old.

Exclusion criteria

1. Patients who have higher risk of bleeding;

2. Patients with suspected sensitivity to light; e.g. patients who have had photodynamic therapy.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Crossover
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	08-10-2012
Enrollment:	70
Type:	Anticipated

Ethics review

Positive opinion
Date: 04-10-2012
Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 41588
Bron: ToetsingOnline
Titel:

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL3504
NTR-old	NTR3651
CCMO	NL40578.031.12
ISRCTN	ISRCTN wordt niet meer aangevraagd.
OMON	NL-OMON41588

Study results

Summary results
N/A