# Does a multifaceted intervention improve the competence in the diagnosis of skin cancer by general practitioners?

	<ul> <li>Prospectively registered</li> </ul>
No longer recruiting	[X] Protocol
Overall study status	Statistical analysis plan
Completed	Results
Condition category	Individual participant data
Cancer	Record updated in last year
	Completed  Condition category

# Plain English summary of protocol

Not provided at time of registration

# Contact information

## Type(s)

Scientific

#### Contact name

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## Contact details

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# Additional identifiers

**Protocol serial number** N/A

# Study information

Scientific Title

Does a multifaceted intervention improve the competence in the diagnosis of skin cancer by general practitioners? A randomised controlled trial

## Acronym

minSKIN

## Study objectives

A multifaceted intervention with general practitioners (GPs) (including technical equipment and a continuous feedback on skin lesions) leads to an improved competence in the diagnosis of skin cancer by GPs.

On 06/09/2013 the target number of participants was changed from 60 to 78.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

The ethics committee of the Kanton Zurich (Kantonale Ethik-Kommission Zürich) approved on the 01/03/2011 (KEK-ZH-NR: 2010-0384/5)

## Study design

Single-centre randomised two-armed interventional study

## Primary study design

Interventional

## Study type(s)

Diagnostic

## Health condition(s) or problem(s) studied

Skin cancer

## **Interventions**

Both groups:

Dermatological training course (duration: one day)

## Intervention group:

- 1. Magnifying glass (Lumio loupe) with integrated polarised light source allowing subsurface examination
- 2. Digital consumer camera
- 3. GPs send pictures of skin lesions to the study dermatologist and get continuous problem based feedback and teaching based on these pictures

## Control group:

No further intervention, GPs provide usual care

## Intervention Type

Other

#### Phase

Not Applicable

## Primary outcome(s)

Competence in the diagnosis of skin cancer by GPs, measured as the percentage of correctly classified pictures of skin lesions.

The measures will be assessed at baseline before the dermatological workshop (T0), immediately after the dermatological workshop (T1) and after one year of continuous feedback with the intervention group (T2).

## Key secondary outcome(s))

- 1. Histopathology of excised skin lesions
- 2. Age, sex and skin type of patients with skin lesions

## Completion date

31/08/2012

# **Eligibility**

## Key inclusion criteria

- 1. GPs in the Canton of Zurich
- 2. Provide basic medical care with a workload of at least 20 hours per week
- 3. Do not plan to retire or to move away during the study period

## Participant type(s)

**Patient** 

## Healthy volunteers allowed

No

## Age group

Adult

## Sex

All

## Key exclusion criteria

- 1. GPs from other Cantons than Zurich
- 2. Workload of less than 20 hours per week

## Date of first enrolment

01/04/2011

## Date of final enrolment

31/08/2012

# Locations

## Countries of recruitment

**Switzerland** 

Study participating centre Institute of General Practice Zürich Switzerland 8091

# Sponsor information

## Organisation

Institute of General Practice - University of Zurich (Switzerland)

## **ROR**

https://ror.org/02crff812

# Funder(s)

# Funder type

Other

## Funder Name

Institute of General Practice - University of Zurich (Institut für Hausarztmedizin der Universität Zürich) (Switzerland)

## **Funder Name**

Swiss Academy for Medical Sciences (SAMW) (Switzerland) (grant number RRMA 4-11)

## **Funder Name**

MEDA Pharma AG (Switzerland)

# **Results and Publications**

Individual participant data (IPD) sharing plan

## IPD sharing plan summary

Not provided at time of registration

**Study outputs** 

Output typeDetailsDate createdDate addedPeer reviewed?Patient-facing?Protocol articleprotocol30/06/2011YesNoParticipant information sheetParticipant information sheet11/11/202511/11/2025NoYes