

# Do psychological factors predict prognosis in lung cancer?

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To explore the influence of psychological factors - e.g. causal attribution, religiosity, mindfulness, Type D personality, benefit finding, and optimism - on survival, fatigue, depression, and health-related quality of life of stage IIIb/IV...

<b>Ethical review</b>	Approved WMO
<b>Status</b>	Recruitment stopped
<b>Health condition type</b>	Respiratory and mediastinal neoplasms malignant and unspecified
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON30385

### Source

ToetsingOnline

### Brief title

psychological factors and the prognosis of lungcancer

### Condition

- Respiratory and mediastinal neoplasms malignant and unspecified

### Synonym

lungcancer, NSCLC

### Research involving

Human

### Sponsors and support

**Primary sponsor:** Universiteit van Tilburg

**Source(s) of monetary or material Support:** eigen bijdragen

## Intervention

**Keyword:** lungcancer, psychological factors, quality of life

## Outcome measures

### Primary outcome

The most important outcome variables will be survival and health-related quality of life.

### Secondary outcome

Secondary outcome variables will be fatigue and depression, factors that also influence quality of life.

## Study description

### Background summary

A central issue in psycho-oncology research has long been the prognostic influence of psychosocial factors on cancer. Results showed that psychological factors do not seem to influence the onset of cancer. However, hopelessness and repressive coping did seem to negatively influence the prognosis of cancer. Other psychological factors have not been explored in detail or not at all. Also, little research has focused on the terminally ill, because it was thought that the severity of the illness would override all psychological factors. Statistical analysis, however, can remedy this problem. It is expected that psychological factors will influence the prognosis and wellbeing of terminally ill cancerpatients.

### Study objective

To explore the influence of psychological factors - e.g. causal attribution, religiosity, mindfulness, Type D personality, benefit finding, and optimism - on survival, fatigue, depression, and health-related quality of life of stage IIIb/IV lungcancer patients.

### Study design

Prospective, longitudinal, questionnaire research

## Study burden and risks

Participants will be asked to fill out nine short questionnaires about psychosocial factors and wellbeing.

At baseline/study onset they will fill in all questionnaires and answer some questions about their (medical) background.

After 3 and 6 months participants will fill in questionnaires assessing wellbeing, fatigue, and depression.

These visits will take place during chemotherapy or follow-up visits at the hospital.

After 12 and 18 months patient's vital status will be determined from their medical records.

The burden on the patients will be minimized by shortening the length of the questionnaires and visits as much as possible. Visits could be tiresome for participants.

## Contacts

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## Trial sites

### Listed location countries

Netherlands

## Eligibility criteria

### Age

Adults (18-64 years)  
Elderly (65 years and older)

## Inclusion criteria

diagnosis of stage IIIb/IV lungcancer, being treated in the Jeroen Bosch or St. Elisabeth hospital.

## Exclusion criteria

Not speaking sufficient Dutch or English, having a major psychiatric condition at baseline

## Study design

### Design

**Study type:** Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Treatment

### Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 12-03-2007

Enrollment: 100

Type: Actual

## Ethics review

Approved WMO

Date: 24-01-2007

Application type: First submission

Review commission: METC Brabant (Tilburg)

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

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

No registrations found.

### In other registers

Register	ID
CCMO	NL14799.008.06