

# Development and nation-wide implementation of a patient decision aid including real-world outcome information to support shared decision-making about treatment for non-small cell lung cancer (FPN1894P)

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## Background

Shared decision making (SDM) is crucial in non-small cell lung cancer (NSCLC), where treatment choices are complex and impactful. In this project, a renewed Lung Cancer Patient Decision Aid (LC-PtDA) with real-world outcome data in a Patients-Like-Me module to support SDM was developed and implemented in 20 Dutch hospitals.

## Methods

Development integrated LC-PtDA



Data analysis and validation

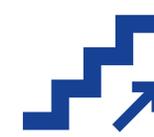


Co-creative working group sessions



Usability and alpha testing

(Evaluation of) implementation



Stepwise implementation groups of five



Local implementation plan



Training and instruction



Local ambassadors

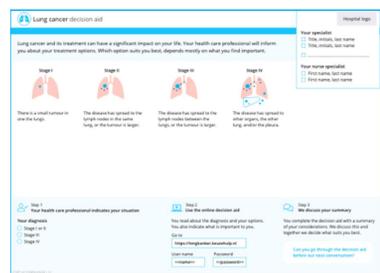
## Results – LC-PtDA

The integrated LC-PtDA consist of four components which are displayed below.



### 1. Option talk

Health care professional hands out the decision aid

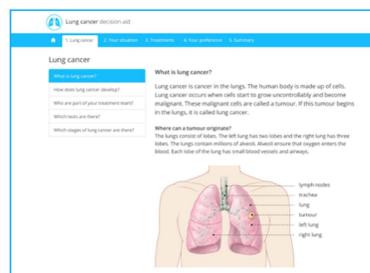


With the **decision aid handout sheet**, the health care professional explains the diagnosis and treatment options. The handout contains a link to the online decision aid and a unique login code.



### 2. Time-out

Patient uses the decision aid

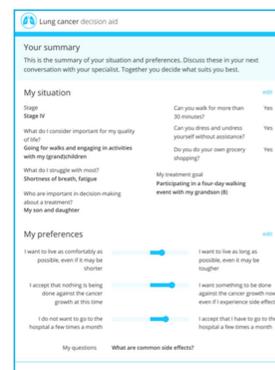


The patient reads the information in the **online decision aid** at home and lists their goals, considerations and treatment preferences.



### 3. Decision talk

Patient and health care professional decide together



The patient and health care professional discuss the patient's goals, considerations and preferences supported by the **decision aid summary**. Together they decide about the most suitable treatment.

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For stage IV patients, the health care professional and patient also discuss the **patients-like-me module**.

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## Results – Implementation and evaluation



Implemented in 20 hospitals



1700 PtDAs handed out



1050 patients logged in



86% of patients is (very) satisfied with the PtDA

61% participation rate



## Conclusions

The integrated LC-PtDA was well received. Ongoing evaluation of barriers and facilitators will guide further optimization and integration of SDM in the care pathway.

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