

Patient Reported Outcome and experience measures in Oncology, Flanders (PROOF): Protocol

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Potential of PROMs and PREMs to improve

- Patient care (= microlevel)
- Care processes (= mesolevel)
- Policy decisions (= macrolevel)



Structural integration and **systematic** use of (a standardized set of) PROMs and PREMs into daily clinical practice & **longitudinal** monitoring



Implementation study

- Mixed methods
- 9 hospitals in Flanders
- Lung and Rectal cancer
- Focus on patient and care-team
- Focus groups and questionnaires

Methods

Patient reported measurements: instruments and timepoints

Instrument/item	Baseline	6 weeks*	3 months*	6 months*	9 months* + annually for 10 years	1 year* + annually for 10 years
Patient identification						
Patient ID	X	X	X	X	X	X
Sociodemographic data and lifestyle						
Education level	X					~
Relation status	X					~
Origin	X					
Smoking behavior	X					~
Alcohol use	X					~
Clinical characteristics						
Length	X					X
Weight	X					X
Comorbidities	X					~
Unintentional weight loss	X					
Patient Reported Outcome Measures (PROMs)						
EORTC QLQ C30	X		X	X		X
EORTC LC29	L		L	L		L
EORTC QLQ CR29	R		R	R		R
EORTC QLQ LM21 Q1	R		R	R		R
LARS	R		R	R		R
PRO CTCAE	X	X				
EQ-5D-5L	X				X	
Patient Reported Experience Measure (PREM)						
Experience measure		X	X	X		X
Employment and changes due to cancer						
SF-HLQ	X				X	

(* After start of treatment, (X) both cancer domains, (L) lung cancer, (R) rectal cancer, (~) only if changed from baseline

Implementation measurements

Start of implementation
(expected November 2024)

6 & 12 months after start of implementation
(expected May 2025 and November 2025)



Patients

Focus groups & Implementation assessment

Teams

Focus groups & Team questionnaires:

- Team climate inventory
- Care Process Self-Evaluation Tool
- Team Reflexivity
- Core Conditions of Team Effectiveness
- Burnout Inventory
- The NoMAD questionnaire

Team composition:

physiotherapist
nurse-specialist
nuclear-medicine-specialist
stoma-nurse surgeon onco-coach
pathologist patient radiotherapist
social-worker oncologist psychologist
dietitian radiologist head-nurse
nurse-consultant
palliative-care-nurse

Timeline

November 2024
Start PRO- & PRE measures

May 2025
Focusgroups, Assessment and Team questionnaires

November 2025
Focusgroups, Assessment and Team questionnaires

Development of an implementation plan