PRO-TECT Study (AFT-39) Electronic Patient Reporting of Symptoms During Cancer Treatment

pcori ALLIANCE FOUNDATION TRIALS, LLC

Ethan Basch, MD, UNC Lineberger Comprehensive Cancer Center



- Symptoms are common among patients receiving treatment for advance cancers but go undetected or unaddressed up to half the time.
- Routine collection of electronic PROs have shown improvement in several areas of patient health in a large single site study (Basch 2017).
- PRO-TECT is designed to determine if advanced cancer patients at intervention sites have better clinical outcomes (longer survival, fewer ER visits and unplanned hospitalizations, and better quality of life and physical function) than usual care.

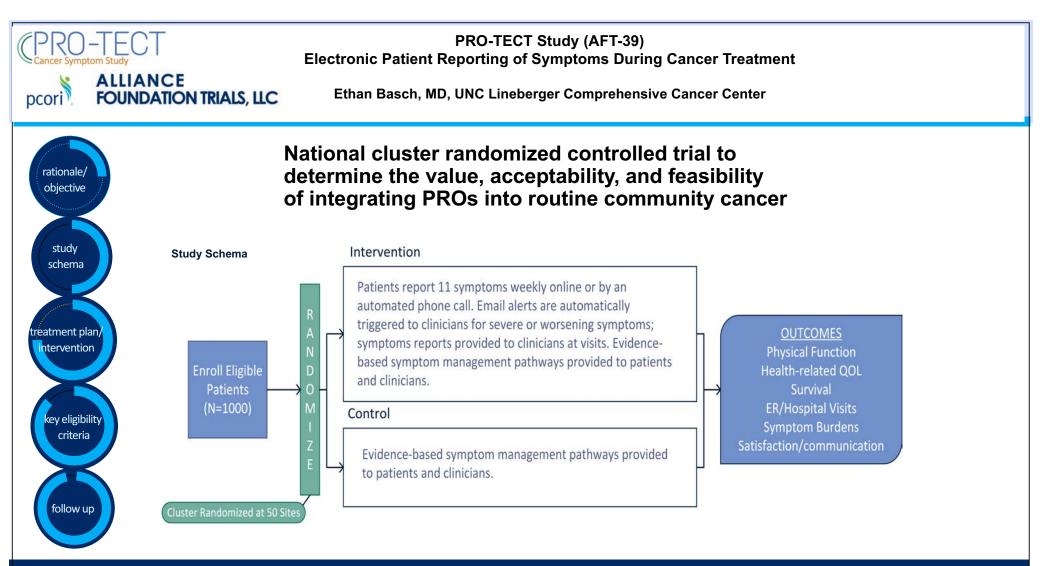
Aim 1: Determine whether systematic integration of electronic patient-reported symptoms into cancer care delivery improves meaningful patient-centered outcomes.

Aim 2: Elicit perspectives about benefitburden tradeoffs for integrating PROs into clinical workflow from different stakeholders.

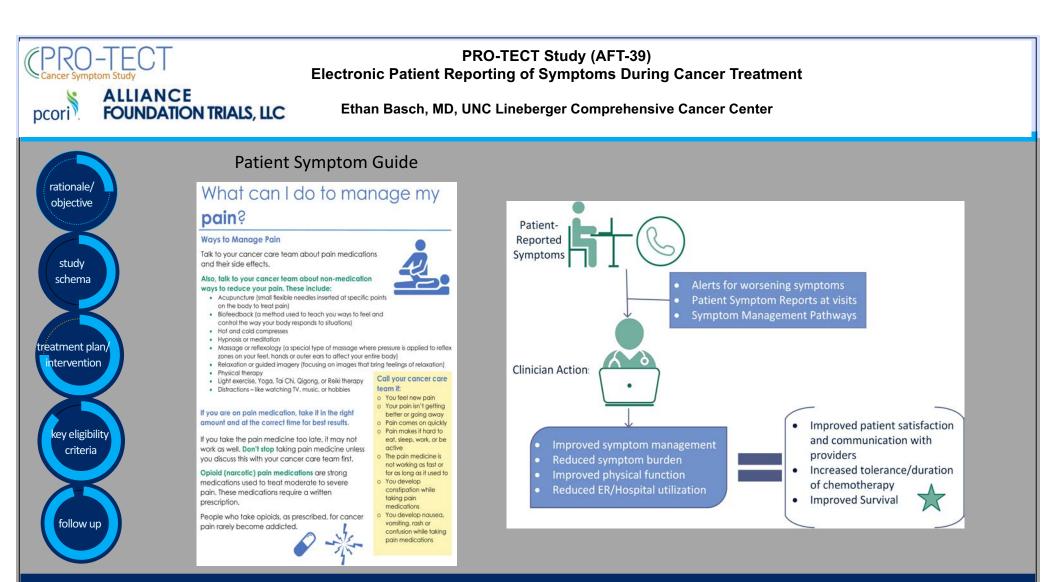
Aim 3: Identify barriers, facilitators, and strategies used by practices to integrate PROs into clinical workflow.

RATIONALE

OBJECTIVE



STUDY SCHEMA



TREATMENT PLAN / INTERVENTION



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Inclusion

· Adv./metastatic cancer of any

Receiving outpatient systemic

Enrolled at any point during a

course or cycle of treatment

Understand English, Spanish

or Mandarin Chinese

cancer treatment for non-

curative/palliative intent,

including chemotherapy,

targeted therapy, or

immunotherapy

• Age \geq 21 years

type

Exclusion

- Cognitive deficits
- Currently in a therapeutic clinical trial
- Treated with curative intent
- Receiving hormonal therapy only
- Indolent lymphomas
- Leukemias

Early Results

- 23 sites across 12 states randomized.
- 882 patients enrolled of planned 1,200.
- 95% compliance for completing weekly PROs.
- ~40% of PROs trigger alerts to clinicians for severe or worsening symptoms.
- Pain (49%) and physical function (45%) were the most common.
- Over half of patients chose to weekly self-report via email (58%) and 42% chose automated calls to phone.

KEY ELIGIBILITY CRITERIA/EARLY RESULTS

