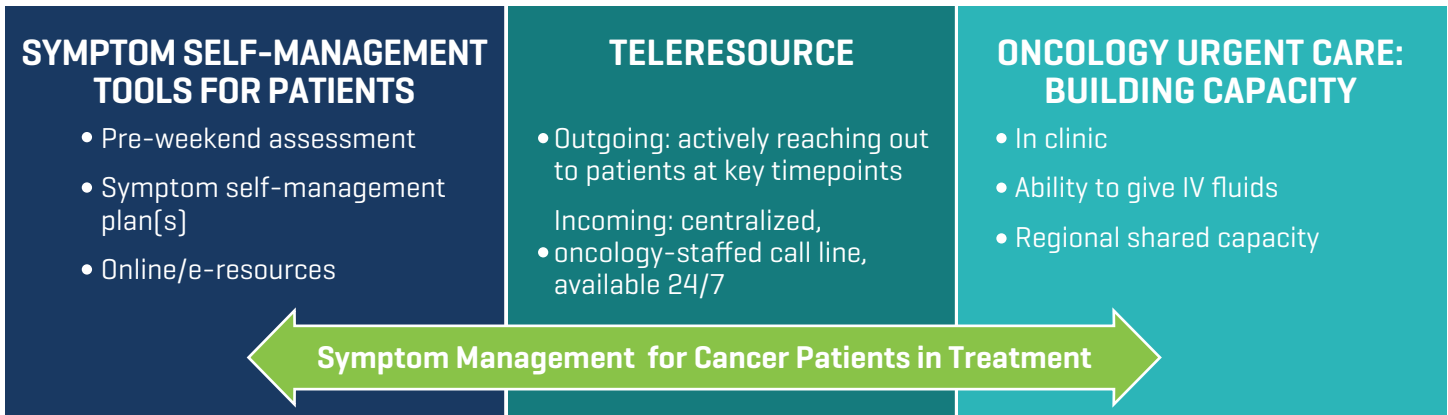


# HOSPITALIZATIONS & ED USE DURING TREATMENT

**VISION STATEMENT:** Supplying cancer patients with proactive and responsive tools and support ensures that patients experiencing worsening symptoms can receive the care they need, and the care their providers prefer, without unnecessary hospital visits.

## INTERVENTION DESIGN



Clinics can develop one or more of these tools, based on clinic resources, to help patients manage symptoms. These tools are placed in order of ease of implementation.

## WORKING GROUP PROGRESS

Presented at the ASCO Quality Symposium in March 2017: “Costs of Potentially Preventable (PP) ED use during Cancer Treatment” (snapshot below).

### How many Emergency Dept. (ED) visits are Potentially Preventable during Treatment?

ALL ED VISITS WITH A POTENTIALLY PREVENTABLE DIAGNOSIS

RANGE OF POTENTIAL COST SAVINGS

	#Visit	Cost/Visit		
Pain	1054 (37%)	\$1,540	<b>Not Preventable</b> \$2,576,893 <sup>1</sup> 73%	
Dyspnea*	279 (10%)	\$1,588		
Nausea	232 (8%)	\$1,837		
Fever	227 (8%)	\$1,421		
Dehydration	203 (7%)	\$1,393		
Anemia	190 (7%)	\$1,445		
Fatigue*	171 (6%)	\$1,319		
Diarrhea	118 (4%)	\$1,303		
Constipation	109 (4%)	\$1,546		
Vomit	105 (4%)	\$1,721		
Cough	97 (3%)	\$1,052	<b>Potentially Preventable Range</b> \$1,550,827 <sup>2</sup> 44%	
Neutropenia	55 (2%)	\$1,398		
Pneumonia	50 (2%)	\$1,333		
Dysuria*	15 (1%)	\$478		
Appetite loss*	13 (<1%)	\$658		
Sepsis	8 (<1%)	\$1,653		
Neuropathy*	4 (<1%)	\$2,338		
Flushing*	1 (<1%)	\$1,680		
				<b>\$315,580<sup>3</sup></b> 9%
				<b>ED COSTS</b>

Note: Not mutually exclusive visits

<sup>1</sup> ED visits with a mix of PP and non-PP diagnosis codes

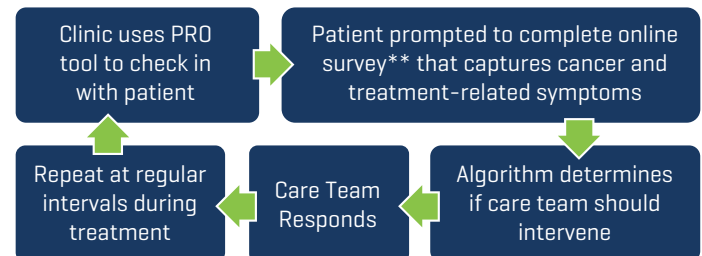
<sup>2</sup> ED visits with a PP primary diagnosis code

<sup>3</sup> All ED diagnosis codes are PP

**2,389 Total ED visits**

\*Not included in CMS Metric

Initiated development of a model for proactive outreach to patients with a Patient Reported Outcome (PRO) tool in order to improve symptom monitoring and reduce hospitalizations.



\*\*Available on mobile and desktop platforms, at clinic and at home

### NEXT STEPS

- Explore additional dimensions of ED use in our community.
- Test PRO tool (as outlined above) in a regional pilot.

If you are interested in joining this working group, please email [ValueSummit@fredhutch.org](mailto:ValueSummit@fredhutch.org). Quarterly meetings convene over teleconference.