

Measure Score Level Testing and Importance Results for the Advance Care Planning (ACP) measure for the Hospital Inpatient Quality Reporting Program, Prospective Payment System-Exempt Cancer Hospital Quality Reporting Program, and Medicare Promoting Interoperability Program

The measure developer is providing updated face validity and testing results to supplement the Measures Under Consideration (MUC) submission in May 2025. Complete measure testing results were not available by the May 2025 MUC submission deadline. Updated data element feasibility has been tested in two electronic health record (EHR) systems (Epic and Cerner), and measure score reliability has been tested in 43 hospitals across three health systems, each using an Epic EHR system. Please note that the Technical Expert Panel (TEP) reconvened June 30, 2025, to consult on the final measure, which prevented updated face validity results from being available by the May 2025 MUC submission deadline. Results are included within this attachment, using the format of the 2025 Measures Under Consideration Entry/Review Information Tool (MERIT) Data Template for the relevant sections below. We request that reviewers reference this attachment for final results.

Properties

Subsection: Measure Score Level (Accountable Entity Level) Testing

Field Label	ADD YOUR CONTENT HERE
*Reliability	Yes
*Reliability: Type of analysis	Signal-to-Noise (e.g., Beta-Binomial, Mixed Logistic Regression)
*Signal-to-Noise: Level of Analysis	Facility
*Signal-to-Noise: Sample size	43
*Signal-to-Noise: Median Statistical result	0.9987
*Signal-to-Noise: Interpretation of results	Signal-to-Noise reliability statistic was used. Results show high reliability. Mean: 0.9991 Minimum – Maximum: 0.9939-0.9998

Subsection: Measure Score Level (Accountable Entity Level) Testing

Field Label	ADD YOUR CONTENT HERE
*Face Validity	Yes
*Face validity: Total number of voting experts and patients/caregivers	Ten experts and patients/caregivers participated on a TEP and voted on the measure face validity.

Field Label	ADD YOUR CONTENT HERE
*Face validity: Number of experts and patients/caregivers who voted in agreement	70% voted in agreement that the measure could differentiate good from poor quality care among accountable entities. <ul style="list-style-type: none"> Strongly Agree: 10% (1 TEP member) Agree: 60% (6 TEP members) Neutral: 10% (1 TEP member) Strongly Disagree: 20% (2 TEP members)
*Face validity: Interpretation	Overall, the majority of TEP members believe the measure could differentiate good from poor quality care among accountable entities. One TEP member abstained from voting. Those TEP members who disagreed with this statement expressed that assessing the presence of ACP documentation cannot determine whether quality care was provided.

Subsection: Measure Performance

Field Label	ADD YOUR CONTENT HERE
*Measure performance - type of score	Proportion
*Measure performance score interpretation	Better performance = Higher score
*Number of accountable entities included in analysis	43
*Number of accountable entities: unit	Hospitals
*Number of persons	338,419
*10th percentile	23.2
*50th percentile (median)	34.7
*90th percentile	60.5
*Additional measure performance information	Mean: 40.0% Minimum – maximum: 13.3-84.3% Standard deviation: 16.7%

Subsection: Importance

Field Label	ADD YOUR CONTENT HERE
*Meaningful to Patients. Did the majority of patients/caregivers consulted agree that the measure is meaningful and/or produces information that is valuable to them in making their care decisions?	Yes
*Description of input collected from patients/caregivers consulted	Four members of the TEP represented patients and/or caregivers and expressed agreement that the measure is meaningful and produces information that is valuable in making care decisions.

Field Label	ADD YOUR CONTENT HERE
	<p>In June 2025, TEP members were asked to respond to the following statement: The ACP Measure is meaningful and/or produces information that is valuable to patients and caregivers in making their care decisions. Of the four TEP members representing patients and/or caregivers, 75% expressed agreement with the statement, while one remained neutral because they felt discussions are important even if not resulting in care decisions.</p> <ul style="list-style-type: none"> • Strongly agree: 25% (1 TEP member representing patients and/or caregivers) • Agree: 50% (2 TEP members representing patients and/or caregivers) <p>Overall, there was strong TEP support from patients and/or caregivers for the importance of this measure.</p>
<p>*Description of input collected from measured entities</p>	<p>A 15-member TEP provided invaluable feedback about the initial measurement approach and provided concrete recommendations for the initial measure specifications, in particular:</p> <ul style="list-style-type: none"> • The measure numerator should be expanded to capture documentation of patient-centered ACP discussions in addition to the capture of ACP documents; • To expand the measure cohort to include patients 18 years of age and older for a broader adult patient population as end-of-life goal setting is relevant to patients of any age; and • Psychiatric advance directives should not be included in the measure numerator as they do not reflect preferences for end-of-life care. <p>In June 2025, the active TEP members were asked to respond to the following statements:</p> <p>Statement #1. The Advance Care Planning Measures is easy to understand and useful for decision making;</p> <p>Statement #2 The Advance Care Planning Measure is meaningful and/or produces information that is valuable to patients and caregivers in making their care decisions.</p> <p>Ten TEP members (including clinical experts, patients, and caregivers) provided feedback via survey after the meeting, with responses as follows, indicating strong TEP support for the importance of this measure:</p> <p>Statement #1 The Advance Care Planning Measure is easy to understand and useful for decision making:</p> <ul style="list-style-type: none"> • Strongly Agree: 50% (5 TEP members) • Agree: 50% (5 TEP members)

Field Label	ADD YOUR CONTENT HERE
	<p>Statement #2 The Advance Care Planning Measure is meaningful and/or produces information that is valuable to patients and caregivers in making their care decisions:</p> <ul style="list-style-type: none"> • Strongly Agree: 10% (1 TEP member) • Agree: 50% (5 TEP members) • Neutral: 30% (3 TEP members) • Disagree: 10% (1 TEP member)