



MALNUTRITION QUALITY
IMPROVEMENT INITIATIVE

Global Malnutrition Composite Measure

Overview of composite measure components,
workflow, and scoring algorithm

The Malnutrition Quality Improvement Initiative (MQii) is a project of the Academy of Nutrition and Dietetics, Avalere Health, and other stakeholders who provided guidance and expertise through a collaborative partnership. Support provided by Abbott.

Global Malnutrition Composite Score is a Composite Measure Based on Modified Version of eCQMs

COMPONENT MEASURE DENOMINATORS & NUMERATORS

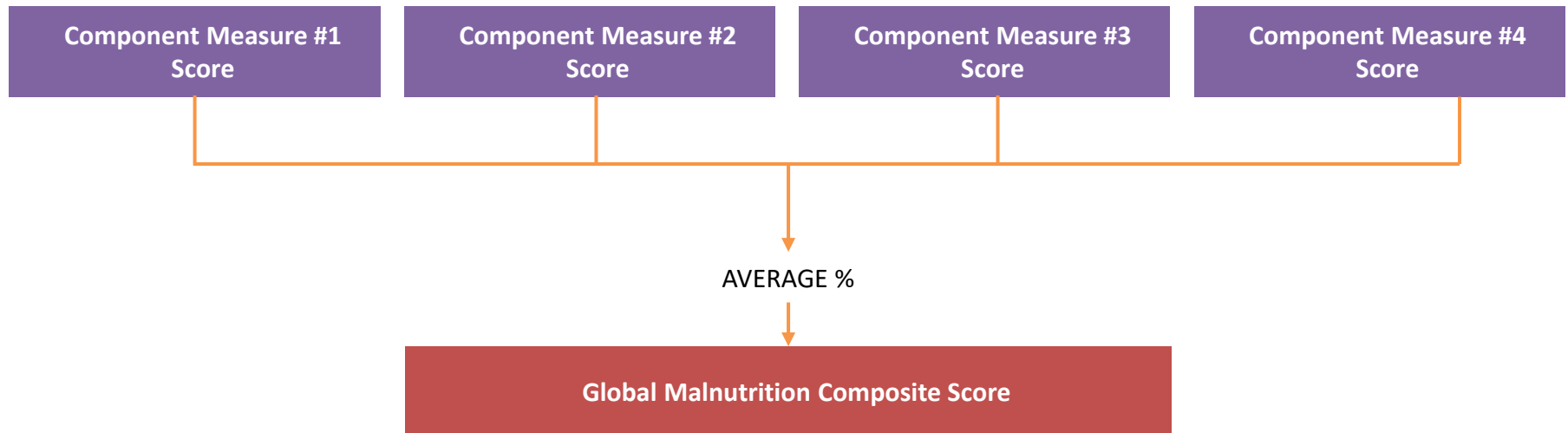
Component Measures	Denominator	Numerator	Differences from Individual eCQMs
Screening for Malnutrition Risk at Admission	All patients in the measure population with a documented malnutrition screening no more than 48 hours prior to admission to the hospital	All patients in the measure population who are documented as at-risk for malnutrition via the completed malnutrition screening	24 Hour interval removed from measure (average across LC was <5 hrs)
Completion of a Nutrition Assessment for Patients who Screened for Risk of Malnutrition	Patients from the measure population who are documented as at-risk for malnutrition via the completed malnutrition screening	Patients at-risk of malnutrition who have a completed nutrition assessment documented	24 hour interval removed from measure (difficult to justify relevance to outcomes)
Appropriate Documentation of Malnutrition Diagnosis for Patients Identified with Malnutrition	Patients from the measure population who have a completed nutrition assessment documented with findings of moderate or severe malnutrition	Patients who have been identified as moderately or severely malnourished by the nutrition assessment who also have a documented medical diagnosis of malnutrition in their medical record	No change was moved from being traditionally measure #4 to measure #3
Development of a Nutrition Care Plan for Malnourished Patients	Patients from the measure population who have a documented medical diagnosis of malnutrition in their medical record	Patients with a documented medical diagnosis of malnutrition in their medical record who have a documented nutrition care plan with treatment recommendations to address malnutrition	Measure moved in order from #3 to #4 Denominator changed from nutrition assessment finding to medical diagnosis of malnutrition



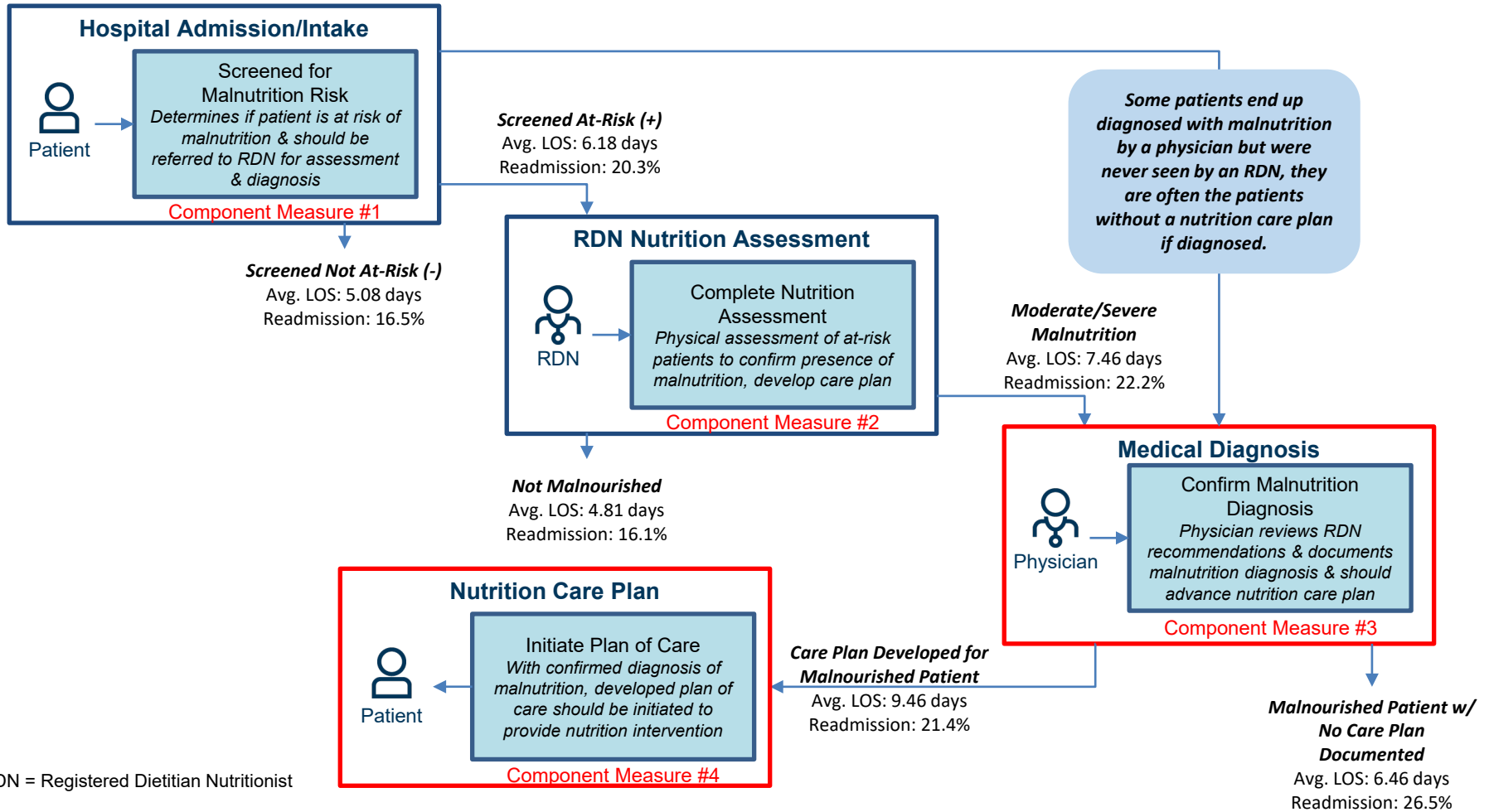
Denominator Exclusions: Patients with a length of stay less than 24 hours, and those discharged to hospice care or who left against medical advice are excluded from the composite measure calculation.

The Composite Measure is Scored Based on an Average of Four Component Measures

- To arrive to a final composite measure score, each component measure is scored individually
- The average across the four component measures is calculated providing a final composite measure score
- A hospital must have at least 20 cases in the denominator for each measure and have at least 3 scorable measures to receive an overall score



Care Workflow Captured by Global Malnutrition Composite Score



RDN = Registered Dietitian Nutritionist