



defeat malnutrition today

...vital to healthy aging

*Academy of Nutrition and Dietetics

Leaders from the Defeat Malnutrition
Today Coalition and the Academy of
Nutrition and Dietetics will share specific
ways to advance healthy aging by improving
the quality of care against malnutrition
across the health continuum



6/8/2022





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Policy Associate
Defeat Malnutrition Today
Coalition
Today's Moderator

OBJECTIVES

PROBLEM OF OLDER ADULT MALNUTRITION

Describe the problem of older adult malnutrition and its potential impact on healthy aging and quality of care outcomes

RESOURCES FOR ACTION

Identify resources for action, including a new advocacy toolkit

QUALITY OF CARE GAPS AND MEASURES

Outline gaps in malnutrition quality of care and explain how they can be improved with adoption of the global malnutrition composite score measure in acute-care institutions

IMPROVING COMMUNITY LEVEL ACCESS/INTERVENTION

Identify where further funding and support is needed to help improve malnutrition care access and intervention at the community level

Good nutrition is essential to support healthy aging



MALNUTRITION IS A GLOBAL AND US ISSUE

WHO has declared this the Decade of Healthy Aging (2020-2030) Sustainability Guidelines: 2030 Agenda to leave no one behind is fully inclusive of older persons





 Change how we think, feel and act towards age and aging.



2. Ensure that communities foster the abilities of older people.



3. Deliver personcentered integrated care and primary health services responsive to older people.



4. Provide access to long-term care for older people who need it.

DEFEAT MALNUTRITION TODAY. THE NATIONAL BLUEPRINT: ACHIEVING QUALITY MALNUTRITION CARE FOR OLDER ADULTS, 2020 UPDATE.
GOVERNMENT ACCOUNTABILITY OFFICE. (2019). NUTRITION ASSISTANCE PROGRAMS: AGENCIES COULD DO MORE TO HELP ADDRESS THE NUTRITION NEEDS OF OLDER ADULTS. HTTPS://WWW.GAO.GOV/ASSETS/710/702788.PDF

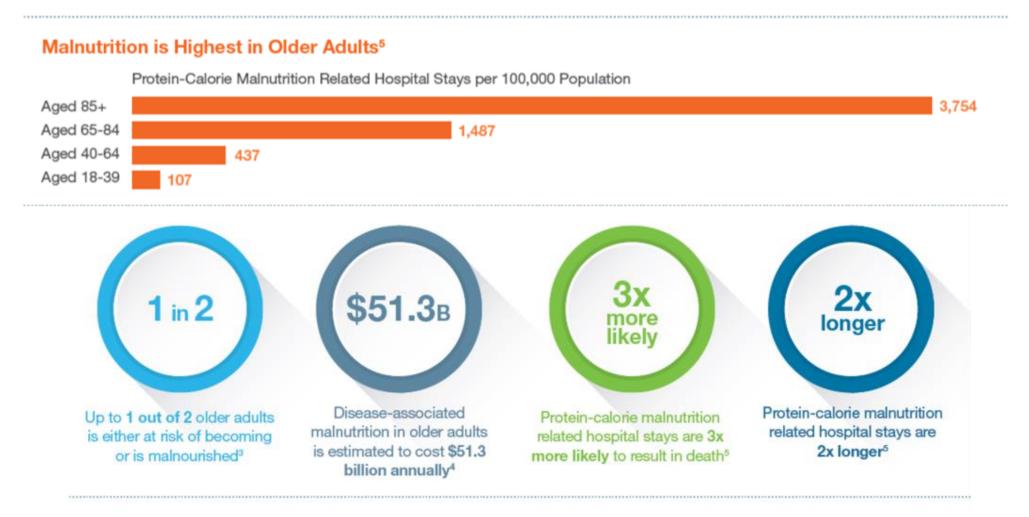
OLDER ADULTS ARE UNIQUELY AT RISK



- 2019 Government Accountability Office report highlighted issue
- "older adult nutritional needs can vary with age and many face certain challenges that additional nutritional guidance could help address such as the management of chronic conditions."

The Malnutrition Quality Collaborative. National Blueprint: Achieving Quality Malnutrition Care for Older Adults, 2020 Update. Accessed March 17, 2022. https://defeatmalnutrition.today/blueprint

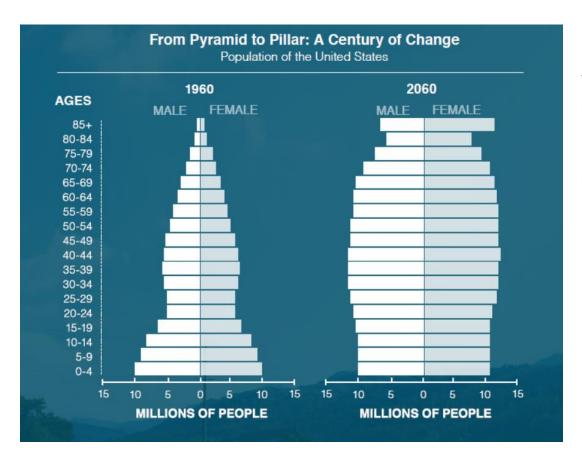
ASSOCIATED COSTS



The Malnutrition Quality Collaborative. National Blueprint: Achieving Quality Malnutrition Care for Older Adults, 2020 Update. Accessed March 17, 2022. https://defeatmalnutrition.today/blueprint

DEFEAT MALNUTRITION TODAY. THE NATIONAL BLUEPRINT: ACHIEVING QUALITY MALNUTRITION CARE FOR OLDER ADULTS, 2020 UPDATE.

AS OLDER ADULTS GET OLDER





U.S. Census Bureau. From Pyramid to Pillar: A Century of Change, Population of the U.S. Updated October 9 2019. Accessed June 2 2022. https://www.census.gov/library/visualizations/2018/comm/century-of-change.html

DEFEAT MALNUTRITION TODAY. THE NATIONAL BLUEPRINT: ACHIEVING QUALITY MALNUTRITION CARE FOR OLDER ADULTS, 2020 UPDATE.



Dana Buelsing Sowards

CARE GAPS



Prevalence of Malnutrition

- The estimated prevalence of malnutrition or its risk at the time of hospital admission ranges from 20% to 50% worldwide.
- However, as few as 5% to 8% of patients in the United States received a documented or coded diagnosis of malnutrition during their hospital stay.

Prevalence in Older Adults

- Malnutrition is present in 30% to 50% of hospitalized patients aged 60 years or older.
- As few as 3.2% of patients identified as high risk have a malnutrition diagnosis documented by medical providers.

McCauley SM, Barrocas A, Malone A. Hospital Nutrition Care Betters Patient Clinical Outcomes and Reduces Costs: The Malnutrition Quality Improvement Initiative Story. J Acad Nutr Diet. 2019; 119S2 (9): S11-S14. Silver HJ, Jones Pratt K, Bruno M, et al. Effectiveness of the Malnutrition Quality Improvement Initiative on Practitioner Malnutrition Knowledge and Screening, Diagnosis, and Timeliness of Malnutrition-Related Care Provided to Older Adults Admitted to a Tertiary Care Facility: A Pilot Study. J Acad Nutr Diet. 2018; 118(1): 101-109.

IMPLICATIONS

Findings suggest that malnutrition may be underdiagnosed or under-documented and thus "under the radar" of care in US hospitals, and possibly overshadowed by a focus on acute conditions or high-tech diagnostic and treatment strategies



CONSEQUENCES FOR OLDER ADULTS

- Malnutrition increases risks for complications including:
 - Impaired wound healing
 - Infections
 - Pressure ulcers
 - Loss of strength
 - Increased risk of falls
 - Immune dysfunction
 - Depression
 - Lethargy



- Leads to longer hospital length of stay and hospital readmissions
- Associated with increased risk of mortality

McCauley SM, Barrocas A, Malone A. Hospital Nutrition Care Betters Patient Clinical Outcomes and Reduces Costs: The Malnutrition Quality Improvement Initiative Story. J Acad Nutr Diet. 2019; 119S2 (9): S11-S14.

Dorner B, Kriedrich EK. Position of the Academy of Nutrition and Dietetics: Individualized Nutrition Approaches for Older Adults: Long-Term Care, Post-Acute Care, and Other Settings. J Acad Nutr Diet. 2018; 118(4): 724-735

McCauley SM, Mitchell K, Heap A. The Malnutrition Quality Improvement Initiative: A Multiyear Partnership Transforms Care. J Acad Nutr Diet. 2019; 119S2(9): S18-S24. .

IMPACT ON OLDER ADULTS

 Older adults are vulnerable because of their higher likelihood of having multiple chronic conditions or diseases along with acute illness or need for surgery, impaired functional or cognitive status,

or limited food access.



ETIOLOGIES



limited nutrition education in medical schools inadequate training of hospital providers on nutrition screening and assessment

confusion over bestpractice processes for nutrition care

deficits in how malnutrition information is documented and tracked in hospital medical records

lack of awareness when the patient is not eating adequately

McCauley SM, Barrocas A, Malone A. Hospital Nutrition Care Betters Patient Clinical Outcomes and Reduces Costs: The Malnutrition Quality Improvement Initiative Story. J Acad Nutr Diet. 2019; 119S2 (9): S11-S14.

WHY ACT?

Studies of nutrition screening effectiveness have demonstrated that both patient health outcomes and hospital economic outcomes are improved when malnutrition is more effectively identified and treated

Appropriate nutrition assessment, intervention, and monitoring and evaluation can play a role in preventing hospital readmissions that are related to malnutrition



McCauley SM, Barrocas A, Malone A. Hospital Nutrition Care Betters Patient Clinical Outcomes and Reduces Costs: The Malnutrition Quality Improvement Initiative Story. J Acad Nutr Diet. 2019; 119S2 (9): S11-S14.

Fitall E, Jones Pratt K, McCauley SM, et al. Improving Malnutrition in Hospitalized Older Adults: The Development, Optimization, and Use of a Supportive Toolkit. J Acad Nutr Diet. 2019; 119S2 (9): S25-S31.

Dorner B, Kriedrich EK. Position of the Academy of Nutrition and Dietetics: Individualized Nutrition Approaches for Older Adults: Long-Term Care, Post-Acute Care, and Other Settings. J Acad Nutr Diet. 2018; 118(4): 724-735.

ADVOCATING FOR OLDER ADULT NUTRITION &

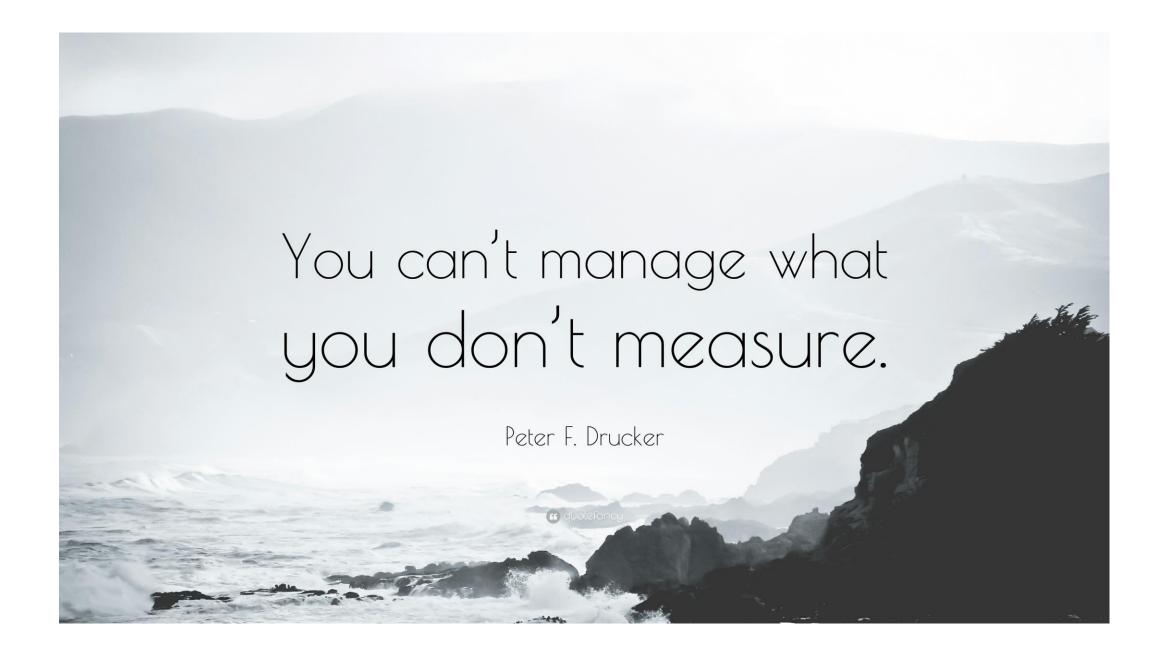
ACADEMY'S POSITION





- It is the position of the Academy of Nutrition and Dietetics that the quality of life and nutritional status of older adults in long-term care, postacute care, and other settings can be enhanced by individualized nutrition approaches.
- As part of the interprofessional team, registered dietitian nutritionists (RDNs) assess, evaluate, and recommend appropriate nutrition interventions according to each individual's medical condition, desires, and rights to make health care choices.

Dorner B, Kriedrich EK. Position of the Academy of Nutrition and Dietetics: Individualized Nutrition Approaches for Older Adults: Long-Term Care, Post-Acute Care, and Other Settings. J Acad Nutr Diet. 2018; 118(4): 724-735.



MALNUTRITION QUALITY IMPROVEMENT INITIATIVE



 Academy of Nutrition and Dietetics, along with Avalere Health and other stakeholders, developed and implemented the Malnutrition **Quality Improvement** Initiative (MQii), a national nutrition-focused quality improvement initiative.

Dual Pronged Approach



MQII TOOLKIT

 The MQii Toolkit is a guide for identifying and implementing clinical quality improvements for malnutrition care. It is designed to support changes among the care team's clinical knowledge and raise awareness of best practices for optimal nutrition care delivery.



Advancing evidence-based, high-quality, patient-driven care for hospitalized older adults who are malnourished or at-risk of malnutrition

A project of the Academy of Nutrition and Dietetics, Avalere Health, and other stakeholders who provided expert input through a collaborative partnership

Second Edition, 2018

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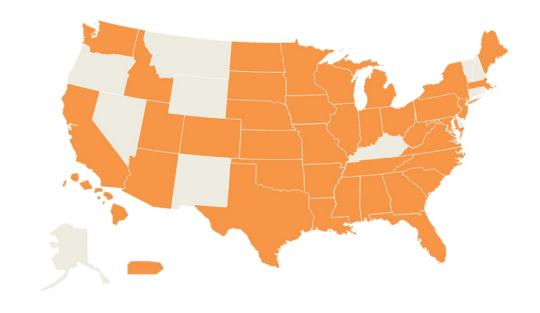
A comprehensive guide to malnutrition quality improvement intended for printed use

19

MQII LEARNING COLLABORATIVE

- Community of clinicians committed to improving delivery of malnutrition care in hospitals and health systems across the US.
- Undertake a data-driven, patientcentered, malnutrition quality improvement project at their respective institutions using a best practices Toolkit and are encouraged to use malnutrition eCQMs to track and monitor improvement.

313 sites in 38 states and Puerto Rico





HISTORY OF MEASURES DEVELOPMENT

Measurement Development Timeline

2013 Academy's
Quality
Strategies
Taskforce
Report
Identifies
Malnutrition as
keys areas for
quality
measurement

Academy/Avale
re work to
develop
electronic
clinical quality
measures
(eCQMs) on
malnutrition

2017-2018 MQii Learning Collaborative is launched and expands to 300+ hospitals testing the measures

2020 Global Malnutrition Composite Score (GMCS) is included in CMS MUC list

2022 GMCS included in CMS proposed rule for IPPS IQR Program



















2014 Academy conducts Dialogue Proceedings with key stakeholders on measurement concepts 2016 MQii
Toolkit is and
eCQMs
measures are
tested a 2
hospital
facilities +
eCQMs are
included in the
CMS Measures
Under
Consideration
List

2019 eCQMs are converted to composite per CMS

2021 GMCS receives National Quality Forum Endorsement

LEARN MORE



PRACTICE APPLICATIONS

Professional Practice

Development and Evaluation of a Global Malnutrition Composite Score



erated in the late 1990s and early 2000s and were first tied to financial performance quality reporting programs for hospitals and then physicians.1 Quality measurement has since expanded to virtually all provider areas of health care in the United States. Despite this persists has been nutrition care. This on nutrition care or malnutrition. article outlines the process pursued by the Academy of Nutrition and Diekind electronically specified composite measure addressing malnutrition care for hospitalized adults.

OUALITY MEASUREMENT IN MALNUTRITION CARE

In the United States, national surveillance data from 2016 indicates that as many as 8% of hospitalized adults have a diagnosis of malnutrition.2 However, previous studies suggest that malnutrition and malnutrition risk may actually

and Kristi Mitchell, MPH, senio

@ 2022 by the Academy of Nutrition and Dietetics. This is an ope

be found in as many as 20% to 50% of hospitalized patients, indicating a significant gap in the identification of malnutrition.3 Malnutrition is a critical incentives with the establishment of predictor for inpatient adverse outcomes given its association with 30-day complications, and mortality.^{2,4} Despite this major gap in identification, no public quality reporting programs growth, one area where a major deficit include performance measures focused

Driven by the consistent and expanding evidence of the high prevatetics (Academy) and Avalere Health lence of malnutrition in hospitalized (Avalere) to develop the first of its patients across the United States, the Academy, along with Avalere and other stakeholders, developed and implemented the Malnutrition Quality Improvement Initiative (MQii). The MQii was established largely in response to the need for assessment quality of care provided to hospitalized natients who are malnourished or at risk of malnutrition.5 Through a dualpronged approach, the MQii supports quality improvement (QI) for malnutrition care based on a set of four malnutrition-focused electronic clinical quality measures and a complementary MOii Toolkit that includes resources guiding implementation of OI activities.6,7 A multistakeholder collaboration identified measure gaps in malnutrition care, which were translated into a set of individual electronic clinical quality measures (eCQMs). As part of the measure evaluation process, a technical expert panel had also been convened to weigh in on the initial measure concepts from both a clinical and technical perspective regarding data feasibility. These eCOMs were subsequently piloted at a large hospital in the Midwest, and the testing results demonstrated that the measures were usable for identifying key improvement areas in malnutrition care related identifying risk, assessing for clinical malnutrition, developing the

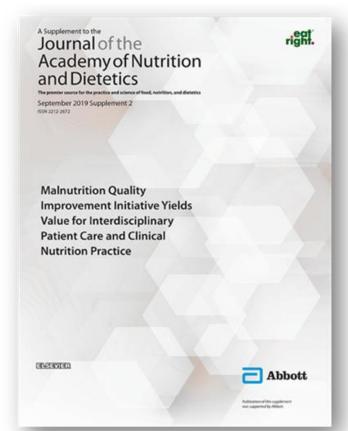
appropriate care plan, and ensuring the diagnosis of malnutrition is documented to support follow up care.8 The individual eCOMs that were tested are outlined in Figure 1

The initial pilot testing of these novel malnutrition-focused eCOMs demonstrated that it was feasible to collect the data from existing hospital electronic health record systems, and that the measures met minimum reliability and validity testing requirements as established by expert consensus.5 Subsequently, the tested measures were adopted by a national learning collaborative of hospitals all implementing the principles of the MQii. A group of 27 US hospitals reported use of the four eCQMs to guide various QI projects focused on improving care provided to hospitalized patients who are malnourished or at risk of malnutrition.10 The participating collaborative hospitals reported changes in measure performance based on implementation of cyclical quality improvement initiatives at their respective institutions. With this new aggregate data, multivariate analyses were conducted to identify the relationships between performance on these implemented eCOMs with patient outcomes of 30-day readmission and LOS. The study results concluded that the measures could be successfully implemented in a cohort of diverse hospitals in the United States. Furthermore, the study demonstrated that when supported by OI tools, the hospitals were able to see meaningful improvements in measure performance. In addition, the multivariate analysis demonstrated that all four measures were significantly associated with outcomes of 30day readmissions and patient LOS.10

THE GLORAL MALNUTRITION COMPOSITE SCORE

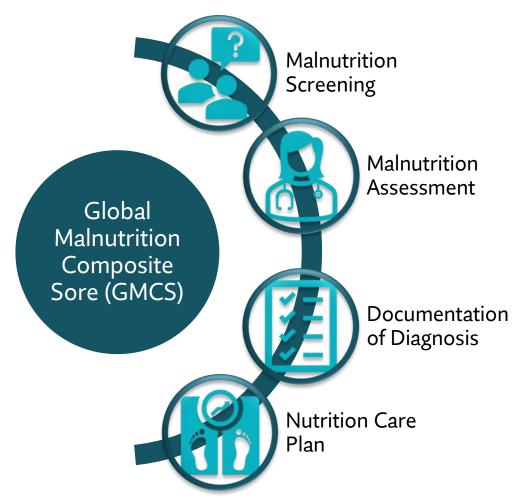
These initial studies were crucial in establishing the evidentiary basis for

September 2019 JAND Supplement



https://www.jandonline.org/article/S 2212-2672(21)00075-7/fulltext

GLOBAL MALNUTRITION COMPOSITE SCORE (GMCS) GMCS a summation of component measures



NATIONAL QUALITY FORUM ENDORSEMENT

Extensively reviewed by the following NQF Groups

- Prevention and Population Health Committee
- MAP Hospital Workgroup
- Rural Health Workgroup
- MAP Coordinating Committee
- Consensus Standards
 Approval Committee (CSAC)

Inclusion for 2 Programs:

- Hospital Inpatient Quality
 Reporting Program AND
- Medicare and the Medicaid Promoting Interoperability
 Programs for Eligible
 Hospitals and Critical
 Access Hospitals

GLOBAL MALNUTRITION COMPOSITE SCORE - NQF ID - 3592E; ENDORSED MEANING "BEST IN CLASS"!



Prevention and Population Health

NQFID	Measure Title	Measure Steward/ Developer	Standing Committee Recommendation	CSAC Voting Result	CSAC Decision
3592e	Global Malnutrition Composite Score	Academy of Nutrition and Dietetics/Avalere Health, LLC	Recommended for endorsement	Uphold the Standing Committee's recommendation: 12 Do not uphold the recommendation at this time; instead, return the measure back to the Standing Committee: 0	Endorsed

The Consensus Standards Approval Committee (CSAC) Voting Results and Decisions for Fall 2020 Measures: https://www.qualityforum.org/About_NQF/CSAC/Meetings/2021_CSAC_Meetings.aspx

GMCS CMS ADVANCEMENT

Included in 2020 CMS MUC List

- GMCS published in CMS Measures Under Consideration List
- CMS Pre-Rulemaking web site
- CMS Press Release

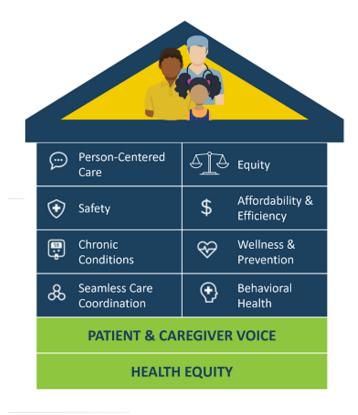
Included in 2022 Proposed Rule

- GMCS published in the CMS Proposed Rule for inpatient and long-term hospitals
- Hospitals can self-select beginning with the calendar year 2024 reporting period and fiscal year 2026 payment determination

BENEFITS TO REPORTING THE GMCS

- Malnutrition is closely connected with chronic and infectious conditions, addressing malnutrition reduces disease incidence and improve outcomes
- Ensures delivery of care that is appropriate based on acuity of patients' conditions and patient-centered
- Directly addresses CMS' priorities and initiatives including advancing health equity, addressing SDOH, and disease prevention

Building Value-Based Care & Promoting Health Equity

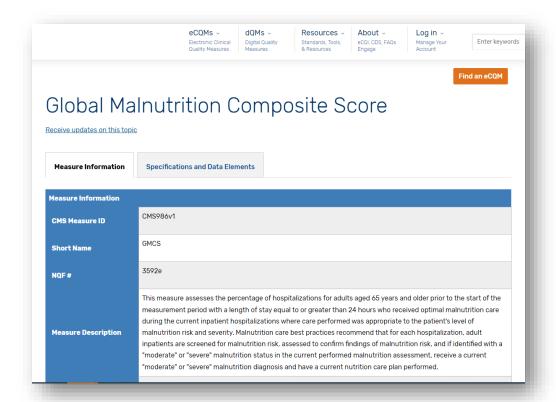


COMMENT PERIOD NOW OPEN

Support GMCS through comments

- Public comment on the proposed rule now open through June 17, 2022
- Comment in support of the measure here: https://www.regulations.gov/c
 ommenton/CMS-2022-0074-0001

Learn more: eCQI Resource Center





Bob Blancato

EXAMPLE FROM ROUNDTABLE

- Developing the appropriate care plan:
- Case Study: Memorial Hermann Health System
- 6 Community Resource Centers
- Opportunity for hospitals and nutrition programs to work together



Avalere Health, Academy of Nutrition and Dietetics. National Minority Quality Forum. Roundtable Proceedings: Advancing Health Equity Through Malnutrition Quality Measurement. April 2022 https://avalere.com/wp-content/uploads/2022/04/MQii-Roundtable-2022.pdf. Accessed June 7, 2022.

WHITE HOUSE CONFERENCE ON HUNGER, NUTRITION, AND HEALTH

- Purpose "of developing a roadmap to end hunger and improve nutrition by 2030"
- First since 1969
- 1969 conference led to nationwide expansion of Food Stamps and the National School Lunch Program; creation of Special Supplemental Nutrition Program for Women, Infants and Children (WIC)



HIGHLIGHTED IN CONGRESSIONAL HEARING ON HEALTHY AGING

- Bi-partisan turnout
- Many questions about nutrition
- Malnutrition highlighted

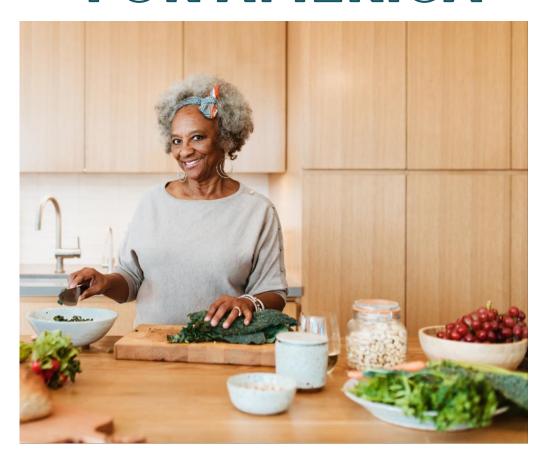


ABOUT SUBCOMMITTEES NEWS EVENTS

House Appropriations Labor, Health and Human Services, Education, and Related Agencies Subcommittee Hearing on

HEALTHY AGING: MAXIMIZING THE INDEPENDENCE, WELL-BEING, AND HEALTH OF OLDER ADULTS

IMPACT IN NEXT DIETARY GUIDELINES FOR AMERICA



- 2019 Government Accountability Office report highlighted lack of older adult focus:
 - "HHS officials said that when they lead the 2025-2030 Dietary Guidelines update, they intend to include a focus on nutritional guidance for older adults"



Dietary Guidelines for Americans

OPPORTUNITY AT CONFERENCE IN ROME

- Representing NANASP
- Private Sector Advisor to the United Nations Economic Commission
- connected to the Decade of Healthy Aging (2020-2030) as designated by the World Health Organization



MALNUTRITION FOCUS IN ACL

- Nutrition and Aging Resource Center
- National Survey of Older Americans Act Participants
 - Will include Malnutrition and Food Insecurity questions this year
- Recent request for feedback on updating the regulations, or detailed rules that outline how to implement the Older Americans Act





The MQii is designed to help your organization improve malnutrition care and subsequently achieve better outcomes.

MALNUTRITION MATTERS STARTING QI ABOUT MQII MIPS IMPROVEMENT ACTIVITY NEWS Search ... Q

PARTICIPANT TOOLS

MQII Learning Collaborative

RESOURCES FOR ACTION

Laura Borth

Qii In Your Healthcare Facility

cools to assess your readiness for
on quality improvement (QI), assemble your
ement your QI project, and manage data

The Malnutrition Quality Improvement Initiative (MQii) is designed to help your organization improve malnutrition care and achieve better outcomes. The

Better Outcomes **MQii Toolkit**

REGISTER

LOG IN

The 2022 Learning Collaborative brings

together leading hospitals and health systems across the U.S. to support acceleration and dissemination of malnutrition best practices for hospitalized patients. Learn more.



Academy of Nutrition and Dietetics

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ACADEMY OF NUTRITION AND DIETETICS

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Leadership

Topics

Advocacy

- Continuing
 Professional
 Education
- Quality
 Management
- Dietetics Resources
 Chronic Disease
 and Wellness

Clinical Malnutrition

Inclusion, Diversity, Equity and Access

Food Security and Sustainability

Foodservice:

Global Food and Nutrition Resource Hub

Nutrition Informatics 8703/20XX

Post-Acute, Long-

Clinical Malnutrition

Practice

Registered dietitian nutritionists have the opportunity and responsibility to be at the forefror prevention and treatment of malnutrition. Poor nutritional status is often referred to as clinic malnutrition or undernutrition and applies to individuals who are overweight and underweight

Research

The evidence-based tools and resources below allow actions to improve and implement prot screening and assessing, diagnosing and providing a care plan for treating individuals with o food insecurity and mainutrition across the healthcare continuum.

Malnutrition Quality Improvement Initiative

The <u>Malnutrition Quality Improvement Initiative</u> is a project of the Academy of Nutrition and Avalere Health, and other stakeholders who collaborate to provide guidance and expertise for malnutrition. The Academy of Nutrition and Dietetics and Abbott support the MQII. The Academy of Nutrition and Dietetics and Abbott support the MQII. The Academy of Nutrition and Dietetics and Abbott support the MQII. The Academy of Nutrition and Dietetics and Abbott support the MQII. The Academy of Nutrition and Engages stakeholders to discuss malnutrition quality improved transitions documented in our <u>Dialogue Proceedings</u>, and to discuss malnutrition and health equity documented in our <u>Roundtable Proceedings</u>. The primary goal is to advance evidence-based, high-quality, patient-driven care for hospitalized older adults who are malnourished or at-risk for malnutrition.

To accomplish its objectives, the MQII designed key tools for real-world application, a MQII Toolkit and a set of four electronic clinical quality measures, or eCQMs. These tools mutually support one another guiding hospitals and organizations with malnutrition quality improvement to achieve better health outcomes. The MQII Toolkit provides practical, interdisciplinary tools and resources to support hospitals establish best practices and adopt the eCQMs to evaluate their success in meeting the standards of care. Find out the what, who, when, why and how on eCQMs by reviewing the FAQs.

The MQII Learning Collaborative is a community of clinicians committed to improving pietically pieck mainutrition care in hospitals and health systems across the US. The MQII Learning Collaborative was

https://www.eatrightpro.org/practice/practice-resources/clinical-malnutrition



HOME ABOUTUS NEWS RESOURCES A

DEFEAT MALNUTRITION TODAY

National Blueprint: Achieving Quality Malnutrition Care for Older Adults

Up to one out of every two older Americans is at risk for malnutrition, yet there is a gap in the delivery of malnutrition older adults. The Defeat Malnutrition Today coalition has worked with other partners to release the National Blueprin Quality Malnutrition Care for Older Adults, 2020 Update.

Older adult malnutrition persists as a growing crisis in America today and is exacerbated by global health pandemics to intensify disparities and social isolation. The updated *Blueprint* outlines potential actions to improve health outcomes adults by addressing malnutrition care across the continuum of acute, post-acute, and community settings. The updat also provides suggested strategies for policymakers, organizations, healthcare providers, patients and caregivers to acmalnutrition.

https://www.defeatmalnutrition.today/resources

SUMMARY

Quality malnutrition care starts in the hospital, where the US Centers for Medicare & Medicaid Services should adopt the Global Malnutrition Composite Score measure to help identify acute-care institutions that provide timely and effective malnutrition care

At the community level, increased funding and support for nutrition programs are needed to help reduce malnutrition and increase access to care in vulnerable populations





For further information:

- Defeatmalnutrition.today
- Eatright.org
- Malnutritionquality.org
- anhi.org