Malnutrition in Hospitalized Patients: Continues to Rise

Prevalence of Malnutrition Diagnoses in Discharged Patients
United States, 2008-2018*

<table>
<thead>
<tr>
<th>Year</th>
<th>2008</th>
<th>2010</th>
<th>2013</th>
<th>2016</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malnutrition Prevalence</td>
<td>2.5%</td>
<td>3.2%</td>
<td>7.1%</td>
<td>8.0%</td>
<td>8.9%</td>
</tr>
</tbody>
</table>

*Years 2008-2010 were all hospital discharges, 2013-2018 were non-maternal, non-neonatal hospital discharges.

And Leads to Poorer Outcomes

Malnourished Patients Have:

- **3.4x Higher** In-Hospital Deaths
- **1.9x Longer** Hospital Stays
- **2.0x Higher** Discharge Rates to Long-Term Care or Rehab Facilities
- **1.4x Higher** Need for Home Health Care Services

Yet, Malnourished Patients Often Do Not Receive Enteral Nutrition (EN)

- **18%** Children (> 1 month to 17)
- **36%** Adults 18-64
- **46%** Adults 65+

Only **2.7%** of those with coded malnutrition received enteral nutrition in the hospital in 2018.

See next page for indications for use of EN in addressing malnutrition

HELP STOP MALNUTRITION: nutritioncare.org/malnutrition

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Enteral Nutrition (EN) is a vital component of nutrition therapy. It allows for the delivery of nutrients to patients who cannot maintain adequate nutrition by oral intake alone. ASPEN recently published appropriate indications for EN so that providers understand when patients need this therapy.

**Optimal time frame to initiate enteral nutrition (EN) in the high-risk nutrition patient, the malnourished patient, and the stable well-nourished patient:**

- **Initiate EN within 24–48 hours of admission to the hospital, including the intensive care unit, in the high-risk nutrition or the malnourished patient.**
- **A delay in initiation of EN can be considered in hospitalized patients who are low risk, well nourished, and expected to resume volitional oral intake within 5–7 days of admission.**
- **Advance EN cautiously in patients at risk for refeeding and in patients with symptoms of gastrointestinal (GI) intolerance.**

*High risk is defined as a serious medical condition that may lead to significant morbidity due to malnutrition.*

A significant reduction in mortality is associated with an increase in EN from 0% to 100% of goal energy.

**References**