



Performance Measure Update



WRHA Strategic Directions: Clinical Documentation / Integration of Nutrition Care Process in Practice

Quality Issue: Diagnosis of Malnutrition

Baseline Data – Malnutrition
WRHA Geri Rehab – Hybrid sites

WHAT IS BEING MEASURED?

- To determine what percentage of malnourished patients and residents followed by a Registered Dietitian are diagnosed with malnutrition by RD or MD
- To determine the NCPT diagnosis used by RDs
- To determine the rate of audited patients and residents assessed by RDs that are malnourished in RD caseload

Audits were completed at DLC and RHC rehab units in August 2015

WHY IS THIS IMPORTANT?

The Canadian Malnutrition Task Force Study (CMTF) found that 45 % of patients admitted to hospital are malnourished. Malnutrition is associated with increased LOS, morbidity and mortality, and readmission rates.

To determine the benchmark data of malnutrition diagnosis rate in WRHA Long Term Care sites.

WHAT IS THE TARGET?

Baseline Data: To complete 14 chart/site for Rehab and Geriatrics units.

Future audit: 70% malnutrition diagnosis rate (as per to Singapore) of the 43% of patients identified to be malnourished.

Definition:

$\frac{\text{Number of clients diagnosed with malnutrition by RD}}{\text{Total number of malnourished patients}} \times 100$

$\frac{\text{Number of clients diagnosed with Malnutrition by MD}}{\text{Total number of malnourished patients}} \times 100$

$\frac{\text{Number of clients with malnutrition}}{\text{Total number of patients audited}} \times 100$

Malnutrition Diagnosis Rate

	RD DX Malnourished Patients	MD DX Malnourished Patients
DLC Rehab	16.67%	0%
RHC Rehab	0%	10%

Interpretation:

- A total of 28 charts were audited at DLC and RHC rehab. 43% (n=12) of the patients audited were found to be malnourished.
- Of the patients who were malnourished, the RD diagnosed 8% with malnutrition (n=2), leaving 92% (n=26) undiagnosed. The MD diagnosed 10% (n=3) with malnutrition, leaving 90% (n=25) of malnourished patients undiagnosed.

WHAT ACTIONS ARE WE TAKING?

Other actions will be to propose such changes as:

- Define malnutrition
- Standardize methods for assessing and diagnosing malnutrition.
- Provide education in the diagnosis of malnutrition to RDs, MDs, and other health care professionals that are part of an interdisciplinary team.
- Implement SGA skills training for RDs
- Complete inventory sample statements using the nutritional diagnostic term "malnutrition" (Linking the 4 Steps document)
- Revise the Nutrition Assessment form to facilitate malnutrition diagnosis and include elements of SGA.