

Nutritional Assessment of Patients with Motor Neurone Disease

Nutritional Assessment of people with Motor Neurone Disease (MND) admitted to Ward 43 for gastrostomy placement

Methods

Data collection of all people with MND who were admitted to ward 43 from February – August 2022.

Results

Average length of time from diagnosis to PEG placement = 14 months

Average admission BMI = 19.2kg/m²

Average % weight loss in the last 3-6 months = 15%

Average discharge BMI (only completed for 6 out of 13 patients) = 18.95kg/m²

Average length of hospital stay = 12 days

Aims and objectives

To assess whether the Trust are meeting national recommended guidelines regarding timing of gastrostomy placement in people with MND.

Measures

Data collected included; date of diagnosis, length of time from diagnosis to gastrostomy placement, admission weight and BMI, % weight loss in the last 3-6 months, discharge weight and BMI and length of stay.

Attempted to gather information regarding weight at diagnosis and weight loss since diagnosis however this information was only available for 2 out of the 13 patients assessed.

Conclusion

Early gastrostomy placement (at 5% weight loss) recommended by NICE (2016) and MNDA

ProGas (2015) study: weight loss of >10% at time of gastrostomy insertion had poorer outcomes including higher mortality.

Weight loss from diagnosis (over an average of 14 months) likely more than 10% as average over last 3-6 months is 15% therefore not meeting current recommendations.