

Supplement Material 3: Overview of validated malnutrition screening tools available in English language¹

Screening- tool	Characteristics	Target group
MUST ²	BMI, weight loss and acute disease effect	All adult patients
PG-SGA Short Form ³	Weight loss, food intake, nutrition impact symptoms, physical activity	All adult patients
SNAQ ⁴	Weight loss, appetite, use of supplements/tube feeding	Adult hospitalized patients
MNA-SF ⁵	Food intake, weight loss, mobility, psychological stress/acute disease, dementia or depression, BMI	Elderly patients
SNAQ 65+ ⁶	Weight loss, MUAC, appetite, functionality	Elderly patients and/or rehabilitation care
SNAQ RC ⁷	Weight loss, dependence, appetite, BMI	Elderly patients in residential care
Nutric Score ⁸	Age, comorbidity, days from hospital to ICU admittance, APACHE score, SOFA score	Adult intensive care

References

1 Multidisciplinary Guidelines Malnutrition 2019. Available at: <https://www.stuurgroepondervoeding.nl/wp->. Accessed June/19, 2021.

2 Elia M. The 'MUST' report. Nutritional screening for adults: a multidisciplinary responsibility. Development and use of the 'Malnutrition Universal Screening Tool' (MUST) for adults. Worcs, United Kingdom: British Association for Parenteral and Enteral Nutrition (BAPEN) 2003.

3 Abbott J, Teleni L, McKavanagh D, et al. Patient-Generated Subjective Global Assessment Short Form (PG-SGA SF) is a valid screening tool in chemotherapy outpatients. *Support Care Cancer* 2016;24:3883-7 doi:10.1007/s00520-016-3196-0 [doi].

4 Kruizenga HM, Seidell JC, de Vet HC, et al. Development and validation of a hospital screening tool for malnutrition: the short nutritional assessment questionnaire (SNAQ). *Clin Nutr* 2005;24:75-82 doi:S0261-5614(04)00124-4 [pii].

5 Rubenstein LZ, Harker JO, Salva A, et al. Screening for undernutrition in geriatric practice: developing the short-form mini-nutritional assessment (MNA-SF). *J Gerontol A Biol Sci Med Sci* 2001;56:M366-72 doi:10.1093/gerona/56.6.m366 [doi].

6 Wijnhoven HA, Schilp J, van Bokhorst-de van der Schueren, M.A., et al. Development and validation of criteria for determining undernutrition in community-dwelling older men and women: The Short Nutritional Assessment Questionnaire 65+. *Clin Nutr* 2012;31:351-8 doi:10.1016/j.clnu.2011.10.013 [doi].

7 Kruizenga HM, de Vet HC, Van Marissing CM, et al. The SNAQ(RC), an easy traffic light system as a first step in the recognition of undernutrition in residential care. *J Nutr Health Aging* 2010;14:83-9.

8 Heyland DK, Dhaliwal R, Jiang X, et al. Identifying critically ill patients who benefit the most from nutrition therapy: the development and initial validation of a novel risk assessment tool. *Crit Care* 2011;15:R268 doi:10.1186/cc10546 [doi].