Initial Screening Checklist

If the answer to any question is **YES**, Final Screening is performed. If the answer is **NO** to all questions, the patient is re-screened at weekly intervals. If, for example, the patient is scheduled for a major operation, a preventative nutritional care plan is considered to avoid the associated risk status.

- 1. Is BMI < 20.5?
- 2. Has the patient lost weight within the last 3 months?
- 3. Has the patient had a reduced dietary intake in the last week?
- 4. Is the patient severely ill (e.g. in intensive therapy)?

Final Screening			
	Impaired nutritional status	Severity of disease (= increase in requirements)	
Absent	Normal nutritional requirements	Absent	Normal nutritional requirements
Score 0		Score 0	
Mild	Wt loss $> 5\%$ in 3 months, or food	Mild	Hip fracture,* chronic patients, in
Score 1	intake below 50-75% of normal requirement in preceding week	Score 1	particular, with acute complications: cirrhosis,* COPD,* chronic hemodialysis, diabetes, oncology
Moderate	Wt loss $> 5\%$ in 2 months, or BMI	Moderate	Major abdominal surgery,* stroke,*
Score 2	18.5-20.5 + impaired general	Score 2	severe pneumonia, hematologic
	condition, or food intake of 20-60%		malignancy
	of normal requirement in preceding		
	week		
Severe	Wt loss $> 5\%$ in 1 month ($> 15\%$ in	Severe	Head injury,* bone marrow
Score 3	3 months), or $BMI < 18.5 + impaired$	Score 3	transplantation,* intensive care
	general condition, or food intake of		patients (APACHE > 10)
	0-25% of normal requirement in		
	preceding week		
Score:	+ Score: = Total score:		
Age	if \geq 7- years: add 1 to total score above = Age-adjusted total score		
Score \geq 3: the patient is nutritionally at risk, and a nutritional care plan is initiated.			
Score < 3: Weekly rescreening of the patient. If the patient, for example, is scheduled for a major operation, a			
preventative nutritional care plan is considered to avoid the associated risk status.			

NRS-2002 is based on an interpretation of available randomized clinical trials. An asterisk (*) indicates that a trial directly supports the categorization of patients with that diagnosis. Diagnoses shown in *italics* are based on the prototypes given below. Nutritional risk is defined by the present nutritional status and risk of impairment of present status, due to increased requirements caused by stress metabolism of the clinical condition.

A nutritional care plan is indicated in all patients who are (1) severely undernourished (score=3), or (2) severely ill (score=3), or (3) moderately undernourished + mildly ill (score 2 +1), or (4) mildly undernourished + moderately ill (score 1 + 2).

Prototypes for Severity of Disease

Score=1: a patient with chronic disease, admitted to hospital due to complications. The patient is weak, but out of bed regularly. Protein requirement is increased, but can be covered by oral diet or supplements in most cases.

Score=2: a patient confined to bed due to illness, e.g. following major abdominal surgery. Protein requirement is substantially increased, but can be covered, although artificial feeding is required in many cases.

Score=3: a patient in intensive care with assisted ventilation etc. Protein requirement is increased, and cannot be covered, even by artificial feeding. Protein breakdown and nitrogen loss can be significantly attenuated.