



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2017 and for your effort. We are now able to present you your country report of the following sample size:

Number of participated center:	2
Number of participated units:	13
Number of patients:	238
Number of patients who gave consent:	150
Number of patients completing Sheet 3a:	143
Number of patients completing Sheet 3b:	141
Number of patients with 30-day outcome assessment:	148

This report compares your country data to international reference database based on data from nutritionDay 2016.

The report consists of 4 parts:

Part I reflects capacity and staffing of your hospitals.

Part II reflects the organisation and the structure of the units.

Part III describes the patient’s demographics, the clinical information and the outcome.

Part IV is the summary of information on patient’s nutrition, history and health status.

Next year’s nutritionDay will take place in November 2018. Again, we would very much appreciate your participation. You will be provided with further information on a regular basis.

Best regards from the nutritionDay-Team!

Prof. Dr. Michael Hiesmayr

Sigrid Moick, MA

I. Hospital capacity and staffing ("Hospital sheet")

	YOUR RESULTS	REFERENCE RESULTS
1. Total number of beds in hospital	698 [435-962]	290 [162-548]
2. Total number of admissions in the hospital last year	6687 [4600-8773]	16544 [7529-35485]
3. Total number of staff in the hospital		
Total medical doctors	1290 [744-1835]	161 [64-352]
Medical specialists	96 [96-96]	108 [42-202]
Medical non-specialists	102 [102-102]	33 [11-78]
Nurses	2685 [1565-3804]	347 [123-753]
Dieticians	4 [4-4]	4 [2-8]
Nutritionists	-	1 [0-4]
Pharmacists	5 [5-5]	6 [3-17]
Kitchen staff	6 [6-6]	29 [13-53]
Full time equivalent		
Total medical doctors	2381 [2381-2381]	119 [53-333]
Medical specialists	-	88 [43-204]
Medical non-specialists	-	31 [10-79]
Nurses	4924 [4924-4924]	309 [119-725]
Dieticians	2 [2-2]	4 [2-7]
Nutritionists	-	1 [0-3]
Pharmacists	5 [5-5]	5 [3-15]
Kitchen staff	6 [6-6]	22 [13-46]
4. Does the hospital have a nutrition care strategy?	1 (50.0%) Yes	203 (77.5%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	1 (50.0%) Yes	170 (64.9%) Yes
Nutrition steering committee is available	1 (50.0%) Yes	151 (57.6%) Yes
Quality indicators are recorded and reported to national or regional level	1 (50.0%) Yes	105 (40.1%) Yes
Quality indicators are used for internal benchmarking	2 (100%) Yes	134 (51.1%) Yes
Patient feedback about food and food service is collected using a questionnaire	1 (50.0%) Yes	184 (70.2%) Yes
None	-	17 (6.5%) Yes
No answer given	-	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	1 (50.0%) Yes	121 (46.2%) Yes
Oral nutrition supplements	-	99 (37.8%) Yes

Parenteral nutrition	1 (50.0%) Yes	139 (53.1%) Yes
Enteral nutrition	1 (50.0%) Yes	119 (45.4%) Yes
Dietary counseling	-	86 (32.8%) Yes
Specific dietary interventions	-	70 (26.7%) Yes
Screening for malnutrition	-	61 (23.3%) Yes
Risk of malnutrition	1 (50.0%) Yes	63 (24.0%) Yes
Malnutrition (in general)	1 (50.0%) Yes	118 (45.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	-	114 (43.5%) Yes
No information available from billing/finance/controlling	1 (50.0%) Yes	39 (14.9%) Yes
No answer given	-	21 (8.0%)

Codes routinely used

Nutrition Support	1 (50.0%) Yes	100 (38.2%) Yes
Oral nutrition supplements	-	82 (31.3%) Yes
Parenteral nutrition	1 (50.0%) Yes	123 (46.9%) Yes
Enteral nutrition	1 (50.0%) Yes	103 (39.3%) Yes
Dietary counseling	-	68 (26.0%) Yes
Specific dietary interventions	-	59 (22.5%) Yes
Screening for malnutrition	-	48 (18.3%) Yes
Risk of malnutrition	1 (50.0%) Yes	44 (16.8%) Yes
Malnutrition (in general)	1 (50.0%) Yes	98 (37.4%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	-	98 (37.4%) Yes
No information available from billing/finance/controlling	1 (50.0%) Yes	46 (17.6%) Yes
No answer given	-	31 (1.5%)

II. Unit organisation and structures (“Sheet 1a/1b”)

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	2 (15.4%)	20.2%
Internal Medicine / Cardiology	-	5.5%
Internal Medicine / Gastroenterology & hepatology	1 (7.7%)	6.5%
Internal Medicine / Geriatrics	1 (7.7%)	8.2%
Internal Medicine / Infectious diseases	-	1.1%
Internal Medicine / Nephrology	-	1.1%
Internal Medicine / Oncology (incl. radiotherapy)	-	7.6%
Interdisciplinary	-	4.4%
Long term care	-	2.1%
Neurology	4 (30.8%)	2.9%
Surgery / General	4 (30.8%)	17.3%
Surgery/ Cardiac/Vascular/Thoracic	-	1.5%
Surgery / Neurosurgery	-	1.1%
Surgery / Orthopedic	1 (7.7%)	4.2%
Trauma	-	1.5%
Ear Nose Throat (ENT)	-	1.5%
Gynecology / Obstetrics	-	2.1%
Pediatrics	-	0.0%
Psychiatry	-	0.6%
Others	-	10.7%
2. Number of registered inpatients at noon	21 [14-22]	25 [18-34]
3. Total bed capacity of the unit	24 [14-25]	31 [25-44]
4. Number of each type of staff in the unit for TODAY’s morning shift		
Fully trained		
Medical doctors	5 [4-6]	4 [2-8]
Nurses	5 [3-6]	5 [4-8]
Nursing aides	5 [4-7]	2 [1-4]
Dieticians	0 [0-1]	1 [0-1]
Nutritionists	0 [0-0]	0 [0-1]
Administrative staff	2 [2-3]	1 [0-2]
Other staff involved in patient care	2 [1-5]	1 [0-3]
In training		
Medical doctors	2 [1-9]	1 [0-3]
Medical students	2 [1-2]	0 [0-2]
Nurses	1 [1-2]	1 [0-3]

Nursing aides	1 [1-1]	0 [0-0]
Dieticians	0 [0-0]	0 [0-0]
Nutritionists	0 [0-0]	0 [0-0]
Other staff involved in patient care	0 [0-0]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 11 (84.6%) Yes 337 (74.2%) Yes

6. Does the unit have a nutrition care strategy? 10 (76.9%) Yes 330 (72.7%) Yes

7. Is there a person in your unit responsible for nutrition care? 13 (100%) Yes 331 (72.9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 13 (100%) Yes 410 (90.3%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 3 (23.1%) Yes 282 (62.1%) Yes

10. How do you MAINLY screen/monitor patients for malnutrition?

At admission

No routine screening	-	46 (9.7%) Yes
No fixed criteria	-	10 (2.1%) Yes
Experience / visual assessment only	1 (7.7%) Yes	43 (9.1%) Yes
Weighing / BMI only	1 (7.7%) Yes	66 (13.9%) Yes
Nutritional Risk Screening (NRS) 2002	3 (23.1%) Yes	136 (28.6%) Yes
Malnutrition Universal Screening Tool (MUST)	-	29 (6.1%) Yes
Malnutrition Screening tool (MST)	-	42 (8.8%) Yes
SNAQ	-	2 (0.42%) Yes
Other formal tool	8 (61.5%) Yes	77 (16.2%) Yes
I do not know	-	3 (0.63%) Yes
Missing	-	21 (4.4%)

During hospital stay

No routine monitoring	-	44 (9.3%) Yes
No fixed criteria	1 (7.7%) Yes	44 (9.3%) Yes
Experience / visual assessment only	1 (7.7%) Yes	90 (18.9%) Yes
Weighing / BMI only	6 (46.2%) Yes	136 (28.6%) Yes
Other formal tool	5 (38.5%) Yes	130 (27.4%) Yes
I do not know	-	10 (2.1%) Yes
Missing	-	21 (4.4%)

11a. Do you routinely use guidelines or standards for nutrition care? 12 (92.3%) Yes 354 (78.8%) Yes

11b. If yes, which one is mainly used?

International guidelines	-	91 (25.7%) Yes
National guidelines	5 (41.7%) Yes	56 (15.8%) Yes
Standards on hospital level	5 (41.7%) Yes	119 (33.6%) Yes
Standards on unit level	-	24 (6.8%) Yes
Individual patient nutrition care plans	1 (8.3%) Yes	57 (16.1%) Yes
Other	-	4 (1.1%) Yes
Missing	1 (8.3%)	3 (0.85%)

12. What is routinely done in your unit for given patient groups?**At risk**

Watchful waiting	4 (30.8%) Yes	142 (29.9%) Yes
Discuss nutrition care activities during ward rounds	10 (76.9%) Yes	199 (41.9%) Yes
Develop an individual nutrition care plan	12 (92.3%) Yes	251 (52.8%) Yes
Initiate treatment / nutrition intervention	11 (84.6%) Yes	286 (60.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	12 (92.3%) Yes	292 (61.5%) Yes
Consult a medical professional	11 (84.6%) Yes	178 (37.5%) Yes
Calculate energy requirements	6 (46.2%) Yes	240 (50.5%) Yes
Calculate protein requirements	5 (38.5%) Yes	234 (49.3%) Yes

Malnourished

Watchful waiting	3 (23.1%) Yes	101 (21.3%) Yes
Discuss nutrition care activities during ward rounds	7 (53.8%) Yes	218 (45.9%) Yes
Develop an individual nutrition care plan	7 (53.8%) Yes	267 (56.2%) Yes
Initiate treatment / nutrition intervention	9 (69.2%) Yes	316 (66.5%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	8 (61.5%) Yes	294 (61.9%) Yes
Consult a medical professional	9 (69.2%) Yes	192 (40.4%) Yes
Calculate energy requirements	4 (30.8%) Yes	270 (56.8%) Yes
Calculate protein requirements	4 (30.8%) Yes	266 (56.0%) Yes

Every patient

Watchful waiting	3 (23.1%) Yes	204 (42.9%) Yes
Discuss nutrition care activities during ward rounds	3 (23.1%) Yes	131 (27.6%) Yes
Develop an individual nutrition care plan	-	79 (16.6%) Yes
Initiate treatment / nutrition intervention	1 (7.7%) Yes	61 (12.8%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	77 (16.2%) Yes
Consult a medical professional	-	105 (22.1%) Yes
Calculate energy requirements	1 (7.7%) Yes	56 (11.8%) Yes
Calculate protein requirements	1 (7.7%) Yes	50 (10.5%) Yes

Never

Watchful waiting	1 (7.7%) Yes	35 (7.4%) Yes
Discuss nutrition care activities during ward rounds	1 (7.7%) Yes	38 (8.0%) Yes

Develop an individual nutrition care plan	1 (7.7%) Yes	32 (6.7%) Yes
Initiate treatment / nutrition intervention	-	6 (1.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	8 (1.7%) Yes
Consult a medical professional	-	49 (10.3%) Yes
Calculate energy requirements	4 (30.8%) Yes	51 (10.7%) Yes
Calculate protein requirements	5 (38.5%) Yes	55 (11.6%) Yes

I do not know

Watchful waiting	5 (38.5%) Yes	22 (4.6%) Yes
Discuss nutrition care activities during ward rounds	-	11 (2.3%) Yes
Develop an individual nutrition care plan	-	5 (1.1%) Yes
Initiate treatment / nutrition intervention	-	5 (1.1%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	4 (0.84%) Yes
Consult a medical professional	1 (7.7%) Yes	19 (4.0%) Yes
Calculate energy requirements	1 (7.7%) Yes	12 (2.5%) Yes
Calculate protein requirements	1 (7.7%) Yes	14 (2.9%) Yes

13. When do you routinely weigh your patients?

at admission	8 (61.5%) Yes	300 (63.2%) Yes
Within 24 hours	4 (30.8%) Yes	70 (14.7%) Yes
Within 48 hours	1 (7.7%) Yes	20 (4.2%) Yes
Within 72 hours	-	14 (2.9%) Yes
Every week	5 (38.5%) Yes	164 (34.5%) Yes
Occasionally	3 (23.1%) Yes	60 (12.6%) Yes
When requested	8 (61.5%) Yes	212 (44.6%) Yes
At discharge	1 (7.7%) Yes	22 (4.6%) Yes
Never	-	8 (1.7%) Yes
I do not know	-	1 (0.21%) Yes
No answer given	1 (2.9%)	23 (4.8%)

14. What do you do to support adequate food intake of patients?

Offer additional meals or in between snacks	11 (84.6%) Yes	350 (73.7%) Yes
Offer meal choices	11 (84.6%) Yes	348 (73.3%) Yes
Offer different portion sizes	13 (100%) Yes	292 (61.5%) Yes
Consider food presentation	9 (69.2%) Yes	198 (41.7%) Yes
Change food texture/consistency as needed	13 (100%) Yes	389 (81.9%) Yes
Consider patient problems with eating and drinking	13 (100%) Yes	385 (81.1%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	4 (30.8%) Yes	58 (12.2%) Yes
Promote positive eating environment	5 (38.5%) Yes	92 (19.4%) Yes
Consider cultural/religious preferences	10 (76.9%) Yes	200 (42.1%) Yes
Consider patient allergies / intolerances	13 (100%) Yes	228 (48.0%) Yes
Other	-	29 (6.1%) Yes
I do not know	-	6 (1.3%) Yes
No answer given	-	21 (4.4%)

15. Which nutrition-related standards or routine activities exist in your unit?

Nutrition training is available	7 (53.8%) Yes	267 (56.2%) Yes
Reporting of nutrition related information to hospital managers	3 (23.1%) Yes	211 (44.4%) Yes
Quality indicators are recorded and reported to national or regional level	4 (30.8%) Yes	131 (27.6%) Yes
Quality indicators are used for internal benchmarking	7 (53.8%) Yes	175 (36.8%) Yes
Patient feedback about food and food service is collected using a questionnaire	7 (53.8%) Yes	302 (63.6%) Yes
None	-	21 (4.4%) Yes
I do not know	1 (7.7%) Yes	13 (2.7%) Yes
No answer given	-	37 (7.8%)

16. At admission what is asked and documented?

Change in weight	11 (84.6%) Yes	373 (78.5%) Yes
Eating habits/difficulties	13 (100%) Yes	349 (73.5%) Yes
Nutrition before admission	9 (69.2%) Yes	271 (57.1%) Yes
None	-	9 (1.9%) Yes
I do not know	-	5 (1.1%) Yes
No answer given	-	39 (8.2%)

17. On what forms is there a specific part about eating, nutrition or malnutrition?

a. Patient Record has a section for ...

indicating if the patient is malnourished or at risk of malnutrition	13 (100%) Yes	335 (70.5%) Yes
nutrition treatment	8 (61.5%) Yes	280 (58.9%) Yes
None	-	30 (6.3%) Yes
I do not know	-	4 (0.84%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	7 (53.8%) Yes	171 (36.0%) Yes
makes future nutrition-related recommendations	8 (61.5%) Yes	269 (56.6%) Yes
None	-	56 (11.8%) Yes
I do not know	2 (15.4%) Yes	26 (5.5%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	-	171 (44.5%) Yes
--	---	-----------------

19. Who filled in this sheet?

Head staff	-	120 (25.3%) Yes
Dietician	1 (7.7%) Yes	244 (51.4%) Yes
Nurse	12 (92.3%) Yes	127 (26.7%) Yes
Physician	-	74 (15.6%) Yes
Administrative staff	-	4 (0.84%) Yes

Other	9 (69.2%) Yes	8 (1.7%) Yes
None	-	-
I do not know	-	3 (0.63%) Yes

III. Patient demographics, medical information & Outcome ("Sheet 2a/2b")

	YOUR RESULTS	REFERENCE RESULTS
Total	150	9133
Age	73 [60-78]	67 [53-78]
Female	69 (46.0%)	4630 (50.7%)
Weight	77.5±21.7	68.8±18.8
Height	172±11	164±10
BMI	26.1±5.8	25.4±6.0

1. This hospital admission was...

planned	25 (16.7%)	3186 (34.9%)
an emergency	114 (76.0%)	5234 (57.3%)
I do not know	11 (7.3%)	713 (7.8%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	12 (8.0%)	833 (9.1%)
0200 Neoplasms	19 (12.7%)	1451 (15.9%)
0300 Blood and bloodforming organs and the immune mechanism	10 (6.7%)	612 (6.7%)
0400 Endocrine, nutritional and metabolic diseases	16 (10.7%)	1103 (12.1%)
0500 Mental health	4 (2.7%)	340 (3.7%)
0600 Nervous system	33 (22.0%)	795 (8.7%)
0700 Eye and adnexa	4 (2.7%)	134 (1.5%)
0800 Ear and mastoid process	2 (1.3%)	71 (0.78%)
0900 Circulatory system	56 (37.3%)	1817 (19.9%)
1000 Respiratory system	14 (9.3%)	1407 (15.4%)
1100 Digestive system	22 (14.7%)	2255 (24.7%)
1200 Skin and subcutaneous tissue	3 (2.0%)	444 (4.9%)
1300 Musculoskeletal system and connective tissue	14 (9.3%)	1332 (14.6%)
1400 Genitourinary system	13 (8.7%)	847 (9.3%)
1500 Pregnancy, childbirth and the puerperium	-	126 (1.4%)
1600 Conditions originating in the perinatal period	-	22 (0.24%)
1700 Congenital/chromosomal abnormalities	-	9 (0.10%)
1800 Symptoms, signs, abnormal clinical/lab findings	11 (7.3%)	410 (4.5%)
1900 Injury, poisoning	4 (2.7%)	291 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	-	173 (1.9%)
2100 Factors influencing health status and contact with health services	10 (6.7%)	214 (2.3%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	20 (13.3%)	1665 (22.5%)
-----------------------	------------	--------------

Myocardial infarction	11 (7.3%)	418 (5.9%)
Chronic lung disease	14 (9.3%)	1118 (15.3%)
Cerebral vascular disease	27 (18.0%)	768 (10.7%)
Peripheral vascular disease	6 (4.0%)	888 (12.3%)
Chronic liver disease	8 (5.3%)	457 (6.4%)
Chronic kidney disease	4 (2.7%)	853 (11.8%)
Diabetes	34 (23.0%)	1983 (26.8%)
Cancer	29 (19.5%)	1815 (24.8%)
Infection	24 (16.1%)	1166 (16.0%)
Dementia	2 (1.4%)	398 (5.6%)
Major depressive disorder	4 (2.7%)	390 (5.5%)
Other chronic mental disorder	7 (4.7%)	387 (5.5%)
Other chronic disease	57 (38.5%)	2029 (27.4%)
None	29 (19.3%)	1421 (15.6%)

4a. Previous operation during this hospital stay

Yes, planned	28 (18.7%)	1796 (19.7%)
Yes, acute	15 (10.0%)	561 (6.1%)
No	106 (70.7%)	6420 (70.3%)
I do not know	-	130 (1.4%)
Missing	1 (0.67%)	226 (2.5%)

Days since operation	3 [1-10]	4 [1-13]
----------------------	----------	----------

4b. Planned operation during this hospital stay

Yes, today or tomorrow	11 (7.3%)	766 (8.4%)
Yes, later	8 (5.3%)	536 (5.9%)
No	123 (82.0%)	6795 (74.4%)
I do not know	1 (0.67%)	417 (4.6%)
Missing	7 (4.7%)	619 (6.8%)

5. Previous ICU admission during this hospital stay? (Yes)	18 (12.0%)	982 (10.8%)
---	------------	-------------

6. Is this patient terminally ill?	39 (26.0%)	660 (7.2%)
---	------------	------------

7. Fluid status

Normal	92 (61.3%)	7154 (78.3%)
Overloaded	5 (3.3%)	518 (5.7%)
Dehydrated	13 (8.7%)	475 (5.2%)
I do not know	40 (26.7%)	986 (10.8%)
Missing	-	-

8. Number of different medications planned

Oral	7 [4-10]	5 [2-8]
------	----------	---------

Other	2 [1-4]	2 [1-4]
-------	---------	---------

9. Was this patient identified as malnourished or at risk of malnutrition?

Malnourished	6 (4.0%)	914 (10.0%)
At risk	32 (21.3%)	1610 (17.6%)
No	89 (59.3%)	5843 (64.0%)
I do not know	23 (15.3%)	766 (8.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	18 (12.0%)	3595 (39.4%)
5% Glucose solution	9 (6.0%)	877 (9.6%)

11. Number of ONS drinks planned

0 [0-0]	0 [0-0]
---------	---------

12. Nutrition intake

Regular hospital food	106 (70.7%)	5097 (55.8%)
Fortified/enriched hospital food	24 (16.0%)	801 (8.8%)
Protein/energy supplement (e.g. ONS drinks)	13 (8.7%)	1073 (11.7%)
Enteral nutrition	7 (4.7%)	495 (5.4%)
Parenteral nutrition	16 (10.7%)	485 (5.3%)
Special diet	12 (8.0%)	3173 (34.7%)
None	7 (4.7%)	506 (5.5%)

13a. All lines and Tubes

Central Venous	23 (15.3%)	752 (8.2%)
Peripheral venous access	98 (65.3%)	4362 (47.8%)
Nasogastric	1 (0.67%)	269 (2.9%)
Nasojejunal	1 (0.67%)	38 (0.42%)
Nasoduodenal	1 (0.67%)	22 (0.24%)
Enterostoma	-	46 (0.50%)
Percutaneous endoscopy/surgical gastrostomy	-	71 (0.78%)
Percutaneous endoscopy/surgical jejunostomy	3 (2.0%)	29 (0.32%)
None	39 (26.0%)	4024 (44.1%)

13b. Were there complications with nutrition related lines and tubes since admission?

Yes, previously	3 (2.0%)	93 (1.0%)
Yes, ongoing	6 (4.0%)	80 (0.88%)
No	104 (69.3%)	7577 (83.0%)
I do not know	25 (16.7%)	871 (9.5%)
Missing	12 (8.0%)	512 (5.6%)

14. Please indicate if any of the following was done for this patient since admission

Energy requirements were determined	22 (14.7%)	3246 (35.5%)
-------------------------------------	------------	--------------

Protein requirements were determined	11 (7.3%)	2888 (31.6%)
Food/Nutrition intake was recorded in the patient record	40 (26.7%)	4124 (45.2%)
Nutrition treatment plan was developed	25 (16.7%)	3183 (34.9%)
Nutrition expert was consulted	20 (13.3%)	3050 (33.4%)
Malnutrition status is recorded in the patient record	35 (23.3%)	2529 (27.7%)
None	-	-

15a. Energy goal

< 500 kcal	11 (7.3%)	335 (3.7%)
500-999 kcal	-	109 (1.2%)
1000-1499 kcal	2 (1.3%)	957 (10.5%)
1500-1999 kcal	22 (14.7%)	2729 (29.9%)
>=2000 kcal	12 (8.0%)	993 (10.9%)
Not determined	85 (56.7%)	3222 (35.3%)
I do not know	18 (12.0%)	752 (8.2%)
Missing	-	36 (0.39%)

15b. Energy intake

< 500 kcal	16 (10.7%)	615 (6.7%)
500-999 kcal	-	525 (5.7%)
1000-1499 kcal	8 (5.3%)	1192 (13.1%)
1500-1999 kcal	20 (13.3%)	2032 (22.2%)
>=2000 kcal	1 (0.67%)	597 (6.5%)
Not determined	74 (49.3%)	2998 (32.8%)
I do not know	31 (20.7%)	1122 (12.3%)
Missing	-	52 (0.57%)

16. Since admission, this patient's health status has...

Improved	60 (40.0%)	4626 (50.7%)
Deteriorated	15 (10.0%)	514 (5.6%)
Remained the same	24 (16.0%)	2506 (27.4%)
This patient has just been admitted	10 (6.7%)	574 (6.3%)
I do not know	41 (27.3%)	913 (10.0%)
Missing	-	-

Length of hospital stay (days)	11 [5-19]	12 [6-24]
--------------------------------	-----------	-----------

Outcome Code

1= Still in the hospital	2 (1.3%)	796 (8.7%)
2= Transferred to another hospital	5 (3.3%)	219 (2.4%)
3= Transferred to long term care	5 (3.3%)	373 (4.1%)
4= Rehabilitation	6 (4.0%)	500 (5.5%)
5= Discharged home	115 (76.7%)	6731 (73.7%)
6= Death	9 (6.0%)	283 (3.1%)

7= Others	6 (4.0%)	175 (1.9%)
Missing	2 (1.3%)	56 (0.61%)
Readmitted since ND		
1= No	99 (70.7%)	6273 (77.4%)
2= Yes, same hospital planned	5 (3.6%)	483 (6.0%)
3= Yes, same hospital unplanned	17 (12.1%)	471 (5.8%)
4= Yes, different hospital planned	3 (2.1%)	45 (0.56%)
5= Yes, different hospital unplanned	3 (2.1%)	45 (0.56%)
6= Unknown	5 (3.6%)	366 (4.5%)
Missing	7 (5.0%)	428 (5.3%)

IV. Patient's perspective: Medical history, nutrition status & intake today ("Sheet 3a/3b")

	YOUR RESULTS	REFERENCE RESULTS
1. What are your typical dietary habits?		
No special dietary habits	112 (78.3%)	6102 (69.3%)
I am vegetarian	2 (1.4%)	153 (1.7%)
I adhere to a vegan diet	-	53 (0.60%)
I eat gluten-free diet	4 (2.8%)	78 (0.89%)
I avoid added sugars	20 (14.0%)	1353 (15.4%)
I avoid carbohydrates	7 (4.9%)	515 (5.9%)
I eat a low fat-diet	4 (2.8%)	1034 (11.8%)
I am lactose intolerant	4 (2.8%)	343 (3.9%)
Other special diet due to intolerances/allergies	1 (0.70%)	179 (2.0%)
Other	12 (8.4%)	617 (7.0%)
No answer given	3 (2.1%)	217 (2.5%)
2. Where did you live before your current hospital admission?		
At home	133 (93.0%)	7771 (88.3%)
In a nursing home or other live-in facility	3 (2.1%)	295 (3.4%)
I was transferred from another hospital	5 (3.5%)	456 (5.2%)
Other	2 (1.4%)	147 (1.7%)
Missing	-	131 (1.5%)
3. In general, are you able to walk?		
Yes	91 (63.6%)	5599 (63.6%)
Yes, with someone's help	7 (4.9%)	963 (10.9%)
Yes, independently using a cane, walker, or crutches	30 (21.0%)	1142 (13.0%)
No, I have a wheelchair	9 (6.3%)	383 (4.4%)
No, I am bedridden	3 (2.1%)	579 (6.6%)
Missing	3 (2.1%)	134 (1.5%)
4. In general, how would you say your health is?		
Very good	20 (14.0%)	633 (7.2%)
Good	48 (33.6%)	3217 (36.6%)
Fair	41 (28.7%)	3329 (37.8%)
Poor	24 (16.8%)	1202 (13.7%)
Very poor	8 (5.6%)	268 (3.0%)
Missing	2 (1.4%)	151 (1.7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	3 [2-6]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-2]	1 [0-2]
... how many nights in total have you spent in hospital?	3 [0-13]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	29 (20.3%)	1694 (19.3%)
3-5	35 (24.5%)	2352 (26.7%)
More than 5	46 (32.2%)	2722 (30.9%)
None	27 (18.9%)	1418 (16.1%)
I do not know	5 (3.5%)	449 (5.1%)
Missing	1 (0.70%)	165 (1.9%)

7. Do you have health insurance?		
Yes, private insurance only	10 (7.0%)	1319 (15.0%)
Yes, public insurance only	88 (61.5%)	4350 (49.4%)
Yes, both	11 (7.7%)	1115 (12.7%)
None	20 (14.0%)	1177 (13.4%)
I prefer not to answer	7 (4.9%)	510 (5.8%)
Missing	7 (4.9%)	329 (3.7%)

8. What was your weight 5 years ago?		
	79 [64-90]	70 [60-83]
I do not know	29 (20.3%)	2377 (27.0%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	19 (13.3%)	827 (9.4%)
Yes, unintentionally	48 (33.6%)	3324 (37.8%)
No, my weight stayed the same	43 (30.1%)	2582 (29.3%)
No, I gained weight	14 (9.8%)	951 (10.8%)
I do not know	10 (7.0%)	907 (10.3%)
Missing	9 (6.3%)	209 (2.4%)

9b. If yes, how many kg did you lose?		
	5 [4-9]	6 [3-10]
I do not know	8 (11.9%)	701 (16.9%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	30 (22.7%)	3271 (39.2%)

11. Please indicate if you ...		
... were weighed at admission	67 (48.6%)	4927 (56.7%)
... were informed about your nutrition status	28 (20.6%)	2797 (32.5%)
... were informed about nutrition care options	24 (17.4%)	2491 (29.0%)
... received special nutrition care	24 (17.5%)	2357 (27.5%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	5 (3.5%)	388 (4.4%)
Normal	96 (68.1%)	5401 (61.8%)
About 3/4 of normal	10 (7.1%)	844 (9.7%)
About half of normal	12 (8.5%)	1065 (12.2%)

About a quarter to nearly nothing	12 (8.5%)	791 (9.0%)
I do not know	-	88 (1.0%)
Missing	6 (4.3%)	167 (1.9%)

13. In general, how satisfied are you with the food at the hospital?

Very satisfied	20 (14.2%)	2368 (27.1%)
Somewhat satisfied	60 (42.6%)	2629 (30.1%)
Neutral	22 (15.6%)	1752 (20.0%)
Dissatisfied	9 (6.4%)	691 (7.9%)
Very dissatisfied	4 (2.8%)	261 (3.0%)
I do not know	16 (11.3%)	726 (8.3%)
Missing	10 (7.1%)	317 (3.6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	2 (1.4%)	978 (11.2%)
Yes, from hospital staff	10 (7.1%)	581 (6.6%)
No	117 (83.0%)	6652 (76.1%)
I do not know	1 (0.71%)	113 (1.3%)
Missing	11 (7.8%)	420 (4.8%)

15. Were you able to eat without interruption TODAY? (Yes)

94 (76.4%) 6110 (74.6%)

16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	66 (46.8%)	4213 (48.2%)
1/2	22 (15.6%)	2075 (23.7%)
1/4	17 (12.1%)	1064 (12.2%)
Nothing	22 (15.6%)	1004 (11.5%)
Missing	14 (9.9%)	388 (4.4%)

16b. The portion size of the meal I ordered TODAY was...

Standard	70 (49.6%)	5611 (64.2%)
Smaller	27 (19.1%)	811 (9.3%)
Larger	1 (0.71%)	344 (3.9%)
I do not know	14 (9.9%)	884 (10.1%)
Missing	29 (20.6%)	1094 (12.5%)

17. If you did not eat everything of your meal, please tell us why:

I did not like the type of food offered	8 (13.1%)	608 (14.7%)
I did not like the smell/taste of the food	4 (6.6%)	474 (11.4%)
The food did not fit my cultural/religious preferences	-	54 (1.3%)
The food was too hot	-	15 (0.36%)
The food was too cold	1 (1.6%)	95 (2.3%)
Due to food allergy/intolerance	-	27 (0.65%)
I was not hungry at that time	8 (13.1%)	709 (17.1%)

I do not have my usual appetite	18 (29.5%)	1167 (28.2%)
I have problems chewing/swallowing	4 (6.6%)	239 (5.8%)
I normally eat less than what was served	8 (13.1%)	457 (11.0%)
I had nausea/vomiting	6 (9.8%)	345 (8.3%)
I was too tired	2 (3.3%)	227 (5.5%)
I cannot eat without help	1 (1.6%)	73 (1.8%)
I was not allowed to eat	9 (14.8%)	460 (11.1%)
I had an exam, surgery, or test and missed my meal	1 (1.6%)	243 (5.9%)
I did not get requested food	-	54 (1.3%)
No answer given	13 (21.3%)	510 (12.3%)

18. Enter the number of glasses/cups of the drinks you consumed in the last 24 hours

Water	3 [2-5]	3 [2-5]
Tea	1 [1-2]	1 [0-2]
Coffee	2 [1-3]	1 [0-2]
Milk	1 [1-2]	1 [0-1]
Fruit juice	2 [1-3]	1 [0-2]
Soft drinks	2 [1-3]	0 [0-1]
Nutrition drink	1 [1-2]	0 [0-1]
Other	1 [1-3]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? 22 (17.1%) 2179 (27.2%)

19b. If yes, what did you eat?

Sweet snacks	6 (27.3%)	548 (25.1%)
Salty snacks	3 (13.6%)	290 (13.3%)
Homemade food	4 (18.2%)	320 (14.7%)
Fruits	7 (31.8%)	774 (35.5%)
Dairy products	3 (13.6%)	221 (10.1%)
Food delivered/restaurant	1 (4.5%)	85 (3.9%)
Sandwich	5 (22.7%)	145 (6.7%)
Other	1 (4.5%)	429 (19.7%)

20. How has your food intake changed since your hospital admission?

Increased	19 (13.5%)	1201 (13.7%)
Decreased	47 (33.3%)	2809 (32.1%)
Stayed the same	49 (34.8%)	3616 (41.4%)
I do not know	9 (6.4%)	601 (6.9%)
Missing	17 (12.1%)	517 (5.9%)

21. TODAY I feel...

Stronger than at admission	59 (41.8%)	3792 (43.4%)
Weaker than at admission	31 (22.0%)	1514 (17.3%)
Same as at admission	36 (25.5%)	2454 (28.1%)

I was admitted today	2 (1.4%)	239 (2.7%)
I do not know	7 (5.0%)	466 (5.3%)
Missing	6 (4.3%)	279 (3.2%)

22. Can you walk without assistance TODAY?

Yes	70 (49.6%)	5103 (58.4%)
No, only with assistance	47 (33.3%)	2181 (24.9%)
No, I stay in bed	16 (11.3%)	984 (11.3%)
Missing	8 (5.7%)	476 (5.4%)

23. Did anyone help you complete this questionnaire?	72 (54.5%)	5889 (69.0%)
---	------------	--------------