



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:	11
Number of participated units:	15
Number of patients:	332
Number of patients who gave consent:	329
Number of patients completing Sheet 3a:	324
Number of patients completing Sheet 3b:	319
Number of cancer patients:	134
Number of patients completing Sheet 2_onco:	132
Number of patients completing Sheet 3_onco:	132
Number of patients with 30-day outcome assessment:	321

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

The report consists of 5 parts:

Part I reflects capacity and staffing of your hospital.

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.

Part V is your oncology Report.

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	204 [103-288]	290 [162-548]
2. Total number of admissions in the hospital last year	10550 [5960-13000]	16544 [7529-35485]
3. Total number of staff in the hospital		
Total medical doctors	48 [29-133]	161 [64-352]
Medical specialists	19 [16-35]	108 [42-202]
Medical non-specialists	18 [11-50]	33 [11-78]
Nurses	250 [136-526]	347 [123-753]
Dieticians	4 [2-7]	4 [2-8]
Nutritionists	3 [2-4]	1 [0-4]
Pharmacists	18 [9-20]	6 [3-17]
Kitchen staff	27 [25-130]	29 [13-53]
Full time equivalent		
Total medical doctors	45 [33-54]	119 [53-333]
Medical specialists	15 [13-18]	88 [43-204]
Medical non-specialists	10 [10-10]	31 [10-79]
Nurses	140 [140-140]	309 [119-725]
Dieticians	3 [3-4]	4 [2-7]
Nutritionists	0 [0-0]	1 [0-3]
Pharmacists	20 [20-20]	5 [3-15]
Kitchen staff	3 [3-3]	22 [13-46]
4. Does the hospital have a nutrition care strategy?	10 (100%) Yes	203 (77.5%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	9 (90.0%) Yes	170 (64.9%) Yes
Nutrition steering committee is available	4 (40.0%) Yes	151 (57.6%) Yes
Quality indicators are recorded and reported to national or regional level	7 (70.0%) Yes	105 (40.1%) Yes
Quality indicators are used for internal benchmarking	8 (80.0%) Yes	134 (51.1%) Yes
Patient feedback about food and food service is collected using a questionnaire	9 (90.0%) 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	6 (60.0%) Yes	121 (46.2%) Yes
Oral nutrition supplements	6 (60.0%) Yes	99 (37.8%) Yes

Parenteral nutrition	5 (50.0%) Yes	139 (53.1%) Yes
Enteral nutrition	5 (50.0%) Yes	119 (45.4%) Yes
Dietary counseling	9 (90.0%) Yes	86 (32.8%) Yes
Specific dietary interventions	2 (20.0%) Yes	70 (26.7%) Yes
Screening for malnutrition	4 (40.0%) Yes	61 (23.3%) Yes
Risk of malnutrition	2 (20.0%) Yes	63 (24.0%) Yes
Malnutrition (in general)	2 (20.0%) Yes	118 (45.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	2 (20.0%) Yes	114 (43.5%) Yes
No information available from billing/finance/controlling	1 (10.0%) Yes	39 (14.9%) Yes
No answer given	-	21 (8.0%)

Codes routinely used

Nutrition Support	6 (60.0%) Yes	100 (38.2%) Yes
Oral nutrition supplements	6 (60.0%) Yes	82 (31.3%) Yes
Parenteral nutrition	4 (40.0%) Yes	123 (46.9%) Yes
Enteral nutrition	4 (40.0%) Yes	103 (39.3%) Yes
Dietary counseling	9 (90.0%) Yes	68 (26.0%) Yes
Specific dietary interventions	2 (20.0%) Yes	59 (22.5%) Yes
Screening for malnutrition	4 (40.0%) Yes	48 (18.3%) Yes
Risk of malnutrition	2 (20.0%) Yes	44 (16.8%) Yes
Malnutrition (in general)	2 (20.0%) Yes	98 (37.4%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	3 (30.0%) Yes	98 (37.4%) Yes
No information available from billing/finance/controlling	1 (10.0%) 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	3 (20.0%)	20.2%
Internal Medicine / Cardiology	-	5.5%
Internal Medicine / Gastroenterology & hepatology	-	6.5%
Internal Medicine / Geriatrics	-	8.2%
Internal Medicine / Infectious diseases	-	1.1%
Internal Medicine / Nephrology	-	1.1%
Internal Medicine / Oncology (incl. radiotherapy)	3 (20.0%)	7.6%
Interdisciplinary	1 (6.7%)	4.4%
Long term care	-	2.1%
Neurology	-	2.9%
Surgery / General	-	17.3%
Surgery/ Cardiac/Vascular/Thoracic	1 (6.7%)	1.5%
Surgery / Neurosurgery	1 (6.7%)	1.1%
Surgery / Orthopedic	-	4.2%
Trauma	-	1.5%
Ear Nose Throat (ENT)	-	1.5%
Gynecology / Obstetrics	1 (6.7%)	2.1%
Pediatrics	1 (6.7%)	0.0%
Psychiatry	-	0.6%
Others	4 (26.7%)	10.7%
2. Number of registered inpatients at noon	30 [25-75]	25 [18-34]
3. Total bed capacity of the unit	45 [31-110]	31 [25-44]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	4 [2-10]	4 [2-8]
Nurses	12 [8-50]	5 [4-8]
Nursing aides	2 [2-4]	2 [1-4]
Dieticians	2 [1-6]	1 [0-1]
Nutritionists	0 [0-0]	0 [0-1]
Administrative staff	5 [1-7]	1 [0-2]
Other staff involved in patient care	5 [2-8]	1 [0-3]
In training		
Medical doctors	-	1 [0-3]
Medical students	-	0 [0-2]
Nurses	-	1 [0-3]

Nursing aides	-	0 [0-0]
Dieticians	2 [2-2]	0 [0-0]
Nutritionists	-	0 [0-0]
Other staff involved in patient care	-	0 [0-0]

5. Is there a nutrition support team in your hospital available? 1Yes 337 (74.2%) Yes

6. Does the unit have a nutrition care strategy? 1Yes 330 (72.7%) Yes

7. Is there a person in your unit responsible for nutrition care? 1Yes 331 (72.9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 1Yes 410 (90.3%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 9 (81.8%) 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	-	43 (9.1%) Yes
Weighing / BMI only	2 (13.3%) Yes	66 (13.9%) Yes
Nutritional Risk Screening (NRS) 2002	-	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	9 (60.0%) Yes	77 (16.2%) Yes
I do not know	-	3 (0.63%) Yes
Missing	4 (26.7%)	21 (4.4%)

During hospital stay

No routine monitoring	-	44 (9.3%) Yes
No fixed criteria	-	44 (9.3%) Yes
Experience / visual assessment only	-	90 (18.9%) Yes
Weighing / BMI only	2 (13.3%) Yes	136 (28.6%) Yes
Other formal tool	9 (60.0%) Yes	130 (27.4%) Yes
I do not know	-	10 (2.1%) Yes
Missing	4 (26.7%)	21 (4.4%)

11a. Do you routinely use guidelines or standards for nutrition care? 1Yes 354 (78.8%) Yes

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

International guidelines	6 (54.5%) Yes	91 (25.7%) Yes
National guidelines	-	56 (15.8%) Yes
Standards on hospital level	1 (9.1%) Yes	119 (33.6%) Yes
Standards on unit level	-	24 (6.8%) Yes
Individual patient nutrition care plans	4 (36.4%) Yes	57 (16.1%) Yes
Other	-	4 (1.1%) Yes
Missing	-	3 (0.85%)

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

Watchful waiting	2 (13.3%) Yes	142 (29.9%) Yes
Discuss nutrition care activities during ward rounds	1 (6.7%) Yes	199 (41.9%) Yes
Develop an individual nutrition care plan	1 (6.7%) Yes	251 (52.8%) Yes
Initiate treatment / nutrition intervention	1 (6.7%) Yes	286 (60.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (6.7%) Yes	292 (61.5%) Yes
Consult a medical professional	1 (6.7%) Yes	178 (37.5%) Yes
Calculate energy requirements	1 (6.7%) Yes	240 (50.5%) Yes
Calculate protein requirements	1 (6.7%) Yes	234 (49.3%) Yes

Malnourished

Watchful waiting	3 (20.0%) Yes	101 (21.3%) Yes
Discuss nutrition care activities during ward rounds	1 (6.7%) Yes	218 (45.9%) Yes
Develop an individual nutrition care plan	1 (6.7%) Yes	267 (56.2%) Yes
Initiate treatment / nutrition intervention	2 (13.3%) Yes	316 (66.5%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (6.7%) Yes	294 (61.9%) Yes
Consult a medical professional	1 (6.7%) Yes	192 (40.4%) Yes
Calculate energy requirements	3 (20.0%) Yes	270 (56.8%) Yes
Calculate protein requirements	3 (20.0%) Yes	266 (56.0%) Yes

Every patient

Watchful waiting	6 (40.0%) Yes	204 (42.9%) Yes
Discuss nutrition care activities during ward rounds	11 (73.3%) Yes	131 (27.6%) Yes
Develop an individual nutrition care plan	11 (73.3%) Yes	79 (16.6%) Yes
Initiate treatment / nutrition intervention	10 (66.7%) Yes	61 (12.8%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	11 (73.3%) Yes	77 (16.2%) Yes
Consult a medical professional	11 (73.3%) Yes	105 (22.1%) Yes
Calculate energy requirements	9 (60.0%) Yes	56 (11.8%) Yes
Calculate protein requirements	9 (60.0%) Yes	50 (10.5%) Yes

Never

Watchful waiting	2 (13.3%) Yes	35 (7.4%) Yes
Discuss nutrition care activities during ward rounds	-	38 (8.0%) Yes

Develop an individual nutrition care plan	-	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	-	51 (10.7%)	Yes
Calculate protein requirements	-	55 (11.6%)	Yes

I do not know

Watchful waiting	-	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	-	19 (4.0%)	Yes
Calculate energy requirements	-	12 (2.5%)	Yes
Calculate protein requirements	-	14 (2.9%)	Yes

13. When do you routinely weigh your patients?

at admission	11 (73.3%)	Yes	300 (63.2%)	Yes
Within 24 hours	-	-	70 (14.7%)	Yes
Within 48 hours	-	-	20 (4.2%)	Yes
Within 72 hours	-	-	14 (2.9%)	Yes
Every week	1 (6.7%)	Yes	164 (34.5%)	Yes
Occasionally	-	-	60 (12.6%)	Yes
When requested	5 (33.3%)	Yes	212 (44.6%)	Yes
At discharge	7 (46.7%)	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	9 (60.0%)	Yes	350 (73.7%)	Yes
Offer meal choices	9 (60.0%)	Yes	348 (73.3%)	Yes
Offer different portion sizes	10 (66.7%)	Yes	292 (61.5%)	Yes
Consider food presentation	11 (73.3%)	Yes	198 (41.7%)	Yes
Change food texture/consistency as needed	11 (73.3%)	Yes	389 (81.9%)	Yes
Consider patient problems with eating and drinking	11 (73.3%)	Yes	385 (81.1%)	Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	9 (60.0%)	Yes	58 (12.2%)	Yes
Promote positive eating environment	9 (60.0%)	Yes	92 (19.4%)	Yes
Consider cultural/religious preferences	11 (73.3%)	Yes	200 (42.1%)	Yes
Consider patient allergies / intolerances	11 (73.3%)	Yes	228 (48.0%)	Yes
Other	1 (6.7%)	Yes	29 (6.1%)	Yes
I do not know	-	-	6 (1.3%)	Yes
No answer given	4 (26.7%)	-	21 (4.4%)	-

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

Nutrition training is available	11 (73.3%) Yes	267 (56.2%) Yes
Reporting of nutrition related information to hospital managers	11 (73.3%) Yes	211 (44.4%) Yes
Quality indicators are recorded and reported to national or regional level	8 (53.3%) Yes	131 (27.6%) Yes
Quality indicators are used for internal benchmarking	8 (53.3%) Yes	175 (36.8%) Yes
Patient feedback about food and food service is collected using a questionnaire	11 (73.3%) Yes	302 (63.6%) Yes
None	-	21 (4.4%) Yes
I do not know	-	13 (2.7%) Yes
No answer given	4 (26.7%)	37 (7.8%)

16. At admission what is asked and documented?

Change in weight	10 (66.7%) Yes	373 (78.5%) Yes
Eating habits/difficulties	10 (66.7%) Yes	349 (73.5%) Yes
Nutrition before admission	10 (66.7%) Yes	271 (57.1%) Yes
None	-	9 (1.9%) Yes
I do not know	-	5 (1.1%) Yes
No answer given	4 (26.7%)	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	10 (66.7%) Yes	335 (70.5%) Yes
nutrition treatment	10 (66.7%) 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	8 (53.3%) Yes	171 (36.0%) Yes
makes future nutrition-related recommendations	9 (60.0%) Yes	269 (56.6%) Yes
None	-	56 (11.8%) Yes
I do not know	-	26 (5.5%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	9 (81.8%) Yes	171 (44.5%) Yes
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19. Who filled in this sheet?

Head staff	-	120 (25.3%) Yes
Dietician	11 (73.3%) Yes	244 (51.4%) Yes
Nurse	-	127 (26.7%) Yes
Physician	-	74 (15.6%) Yes
Administrative staff	-	4 (0.84%) Yes

Other	-	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	329	9133
Age	54 [41-64]	67 [53-78]
Female	165 (50.2%)	4630 (50.7%)
Weight	69.0±21.0	68.8±18.8
Height	161±8	164±10
BMI	25.7±5.1	25.4±6.0

1. This hospital admission was...

planned	215 (65.3%)	3186 (34.9%)
an emergency	108 (32.8%)	5234 (57.3%)
I do not know	6 (1.8%)	713 (7.8%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	34 (10.3%)	833 (9.1%)
0200 Neoplasms	103 (31.3%)	1451 (15.9%)
0300 Blood and bloodforming organs and the immune mechanism	8 (2.4%)	612 (6.7%)
0400 Endocrine, nutritional and metabolic diseases	17 (5.2%)	1103 (12.1%)
0500 Mental health	1 (0.30%)	340 (3.7%)
0600 Nervous system	31 (9.4%)	795 (8.7%)
0700 Eye and adnexa	2 (0.61%)	134 (1.5%)
0800 Ear and mastoid process	-	71 (0.78%)
0900 Circulatory system	24 (7.3%)	1817 (19.9%)
1000 Respiratory system	20 (6.1%)	1407 (15.4%)
1100 Digestive system	26 (7.9%)	2255 (24.7%)
1200 Skin and subcutaneous tissue	4 (1.2%)	444 (4.9%)
1300 Musculoskeletal system and connective tissue	27 (8.2%)	1332 (14.6%)
1400 Genitourinary system	25 (7.6%)	847 (9.3%)
1500 Pregnancy, childbirth and the puerperium	22 (6.7%)	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	20 (6.1%)	410 (4.5%)
1900 Injury, poisoning	1 (0.30%)	291 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	7 (2.1%)	173 (1.9%)
2100 Factors influencing health status and contact with health services	4 (1.2%)	214 (2.3%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	34 (11.2%)	1665 (22.5%)
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Myocardial infarction	7 (2.4%)	418 (5.9%)
Chronic lung disease	12 (4.1%)	1118 (15.3%)
Cerebral vascular disease	5 (1.7%)	768 (10.7%)
Peripheral vascular disease	2 (0.68%)	888 (12.3%)
Chronic liver disease	10 (3.4%)	457 (6.4%)
Chronic kidney disease	14 (4.9%)	853 (11.8%)
Diabetes	90 (29.5%)	1983 (26.8%)
Cancer	134 (45.1%)	1815 (24.8%)
Infection	20 (6.8%)	1166 (16.0%)
Dementia	4 (1.4%)	398 (5.6%)
Major depressive disorder	2 (0.69%)	390 (5.5%)
Other chronic mental disorder	-	387 (5.5%)
Other chronic disease	38 (12.8%)	2029 (27.4%)
None	82 (24.9%)	1421 (15.6%)

4a. Previous operation during this hospital stay

Yes, planned	103 (31.3%)	1796 (19.7%)
Yes, acute	7 (2.1%)	561 (6.1%)
No	218 (66.3%)	6420 (70.3%)
I do not know	-	130 (1.4%)
Missing	1 (0.30%)	226 (2.5%)

Days since operation	3 [2-8]	4 [1-13]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	41 (12.5%)	766 (8.4%)
Yes, later	29 (8.8%)	536 (5.9%)
No	246 (74.8%)	6795 (74.4%)
I do not know	3 (0.91%)	417 (4.6%)
Missing	10 (3.0%)	619 (6.8%)

5. Previous ICU admission during this hospital stay? (Yes)	65 (19.8%)	982 (10.8%)
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6. Is this patient terminally ill?	31 (9.4%)	660 (7.2%)
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7. Fluid status

Normal	299 (90.9%)	7154 (78.3%)
Overloaded	15 (4.6%)	518 (5.7%)
Dehydrated	11 (3.3%)	475 (5.2%)
I do not know	4 (1.2%)	986 (10.8%)
Missing	-	-

8. Number of different medications planned

Oral	5 [3-8]	5 [2-8]
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Other	2 [1-4]	2 [1-4]
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9. Was this patient identified as malnourished or at risk of malnutrition?

Malnourished	50 (15.2%)	914 (10.0%)
At risk	51 (15.5%)	1610 (17.6%)
No	224 (68.1%)	5843 (64.0%)
I do not know	4 (1.2%)	766 (8.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	155 (47.1%)	3595 (39.4%)
5% Glucose solution	46 (14.0%)	877 (9.6%)

11. Number of ONS drinks planned

0 [0-2]	0 [0-0]
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12. Nutrition intake

Regular hospital food	240 (72.9%)	5097 (55.8%)
Fortified/enriched hospital food	88 (26.7%)	801 (8.8%)
Protein/energy supplement (e.g. ONS drinks)	86 (26.1%)	1073 (11.7%)
Enteral nutrition	18 (5.5%)	495 (5.4%)
Parenteral nutrition	10 (3.0%)	485 (5.3%)
Special diet	116 (35.3%)	3173 (34.7%)
None	11 (3.3%)	506 (5.5%)

13a. All lines and Tubes

Central Venous	12 (3.6%)	752 (8.2%)
Peripheral venous access	139 (42.2%)	4362 (47.8%)
Nasogastric	17 (5.2%)	269 (2.9%)
Nasojejunal	-	38 (0.42%)
Nasoduodenal	-	22 (0.24%)
Enterostoma	1 (0.30%)	46 (0.50%)
Percutaneous endoscopy/surgical gastrostomy	-	71 (0.78%)
Percutaneous endoscopy/surgical jejunostomy	1 (0.30%)	29 (0.32%)
None	177 (53.8%)	4024 (44.1%)

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

Yes, previously	16 (4.9%)	93 (1.0%)
Yes, ongoing	9 (2.7%)	80 (0.88%)
No	280 (85.1%)	7577 (83.0%)
I do not know	7 (2.1%)	871 (9.5%)
Missing	17 (5.2%)	512 (5.6%)

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

Energy requirements were determined	287 (87.2%)	3246 (35.5%)
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Protein requirements were determined	283 (86.0%)	2888 (31.6%)
Food/Nutrition intake was recorded in the patient record	295 (89.7%)	4124 (45.2%)
Nutrition treatment plan was developed	321 (97.6%)	3183 (34.9%)
Nutrition expert was consulted	323 (98.2%)	3050 (33.4%)
Malnutrition status is recorded in the patient record	263 (79.9%)	2529 (27.7%)
None	-	-

15a. Energy goal

< 500 kcal	2 (0.61%)	335 (3.7%)
500-999 kcal	6 (1.8%)	109 (1.2%)
1000-1499 kcal	45 (13.7%)	957 (10.5%)
1500-1999 kcal	221 (67.2%)	2729 (29.9%)
>=2000 kcal	40 (12.2%)	993 (10.9%)
Not determined	13 (4.0%)	3222 (35.3%)
I do not know	2 (0.61%)	752 (8.2%)
Missing	-	36 (0.39%)

15b. Energy intake

< 500 kcal	6 (1.8%)	615 (6.7%)
500-999 kcal	28 (8.5%)	525 (5.7%)
1000-1499 kcal	146 (44.4%)	1192 (13.1%)
1500-1999 kcal	116 (35.3%)	2032 (22.2%)
>=2000 kcal	17 (5.2%)	597 (6.5%)
Not determined	13 (4.0%)	2998 (32.8%)
I do not know	3 (0.91%)	1122 (12.3%)
Missing	-	52 (0.57%)

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

Improved	213 (64.7%)	4626 (50.7%)
Deteriorated	25 (7.6%)	514 (5.6%)
Remained the same	67 (20.4%)	2506 (27.4%)
This patient has just been admitted	18 (5.5%)	574 (6.3%)
I do not know	6 (1.8%)	913 (10.0%)
Missing	-	-

Length of hospital stay (days)	7 [4-14]	12 [6-24]
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Outcome Code

1= Still in the hospital	15 (4.6%)	796 (8.7%)
2= Transferred to another hospital	2 (0.61%)	219 (2.4%)
3= Transferred to long term care	-	373 (4.1%)
4= Rehabilitation	-	500 (5.5%)
5= Discharged home	300 (91.2%)	6731 (73.7%)
6= Death	3 (0.91%)	283 (3.1%)

7= Others	1 (0.30%)	175 (1.9%)
Missing	8 (2.4%)	56 (0.61%)
Readmitted since ND		
1= No	222 (72.8%)	6273 (77.4%)
2= Yes, same hospital planned	73 (23.9%)	483 (6.0%)
3= Yes, same hospital unplanned	4 (1.3%)	471 (5.8%)
4= Yes, different hospital planned	1 (0.33%)	45 (0.56%)
5= Yes, different hospital unplanned	1 (0.33%)	45 (0.56%)
6= Unknown	3 (0.98%)	366 (4.5%)
Missing	1 (0.33%)	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	195 (60.2%)	6102 (69.3%)
I am vegetarian	61 (18.8%)	153 (1.7%)
I adhere to a vegan diet	6 (1.9%)	53 (0.60%)
I eat gluten-free diet	-	78 (0.89%)
I avoid added sugars	46 (14.2%)	1353 (15.4%)
I avoid carbohydrates	11 (3.4%)	515 (5.9%)
I eat a low fat-diet	13 (4.0%)	1034 (11.8%)
I am lactose intolerant	5 (1.5%)	343 (3.9%)
Other special diet due to intolerances/allergies	8 (2.5%)	179 (2.0%)
Other	27 (8.3%)	617 (7.0%)
No answer given	9 (2.8%)	217 (2.5%)
2. Where did you live before your current hospital admission?		
At home	302 (93.2%)	7771 (88.3%)
In a nursing home or other live-in facility	3 (0.93%)	295 (3.4%)
I was transferred from another hospital	17 (5.2%)	456 (5.2%)
Other	2 (0.62%)	147 (1.7%)
Missing	-	131 (1.5%)
3. In general, are you able to walk?		
Yes	254 (78.4%)	5599 (63.6%)
Yes, with someone's help	43 (13.3%)	963 (10.9%)
Yes, independently using a cane, walker, or crutches	7 (2.2%)	1142 (13.0%)
No, I have a wheelchair	4 (1.2%)	383 (4.4%)
No, I am bedridden	15 (4.6%)	579 (6.6%)
Missing	1 (0.31%)	134 (1.5%)
4. In general, how would you say your health is?		
Very good	29 (9.0%)	633 (7.2%)
Good	154 (47.5%)	3217 (36.6%)
Fair	112 (34.6%)	3329 (37.8%)
Poor	26 (8.0%)	1202 (13.7%)
Very poor	2 (0.62%)	268 (3.0%)
Missing	1 (0.31%)	151 (1.7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	4 [2-7]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-3]	1 [0-2]
... how many nights in total have you spent in hospital?	3 [0-15]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	77 (23.8%)	1694 (19.3%)
3-5	111 (34.3%)	2352 (26.7%)
More than 5	89 (27.5%)	2722 (30.9%)
None	43 (13.3%)	1418 (16.1%)
I do not know	4 (1.2%)	449 (5.1%)
Missing	-	165 (1.9%)

7. Do you have health insurance?		
Yes, private insurance only	143 (44.1%)	1319 (15.0%)
Yes, public insurance only	51 (15.7%)	4350 (49.4%)
Yes, both	3 (0.93%)	1115 (12.7%)
None	116 (35.8%)	1177 (13.4%)
I prefer not to answer	9 (2.8%)	510 (5.8%)
Missing	2 (0.62%)	329 (3.7%)

8. What was your weight 5 years ago?		
	65 [59-75]	70 [60-83]
I do not know	123 (38.0%)	2377 (27.0%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	31 (9.6%)	827 (9.4%)
Yes, unintentionally	80 (24.7%)	3324 (37.8%)
No, my weight stayed the same	71 (21.9%)	2582 (29.3%)
No, I gained weight	64 (19.8%)	951 (10.8%)
I do not know	73 (22.5%)	907 (10.3%)
Missing	5 (1.5%)	209 (2.4%)

9b. If yes, how many kg did you lose?		
	5 [3-10]	6 [3-10]
I do not know	19 (17.1%)	701 (16.9%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	185 (58.5%)	3271 (39.2%)

11. Please indicate if you ...		
... were weighed at admission	281 (87.5%)	4927 (56.7%)
... were informed about your nutrition status	304 (95.0%)	2797 (32.5%)
... were informed about nutrition care options	302 (94.1%)	2491 (29.0%)
... received special nutrition care	250 (78.4%)	2357 (27.5%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	16 (5.0%)	388 (4.4%)
Normal	204 (63.9%)	5401 (61.8%)
About 3/4 of normal	58 (18.2%)	844 (9.7%)
About half of normal	29 (9.1%)	1065 (12.2%)

About a quarter to nearly nothing	8 (2.5%)	791 (9.0%)
I do not know	3 (0.94%)	88 (1.0%)
Missing	1 (0.31%)	167 (1.9%)

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

Very satisfied	132 (41.4%)	2368 (27.1%)
Somewhat satisfied	95 (29.8%)	2629 (30.1%)
Neutral	64 (20.1%)	1752 (20.0%)
Dissatisfied	6 (1.9%)	691 (7.9%)
Very dissatisfied	5 (1.6%)	261 (3.0%)
I do not know	7 (2.2%)	726 (8.3%)
Missing	10 (3.1%)	317 (3.6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	95 (29.8%)	978 (11.2%)
Yes, from hospital staff	37 (11.6%)	581 (6.6%)
No	170 (53.3%)	6652 (76.1%)
I do not know	1 (0.31%)	113 (1.3%)
Missing	16 (5.0%)	420 (4.8%)

15. Were you able to eat without interruption TODAY? (Yes)	189 (62.8%)	6110 (74.6%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	142 (44.5%)	4213 (48.2%)
1/2	116 (36.4%)	2075 (23.7%)
1/4	35 (11.0%)	1064 (12.2%)
Nothing	13 (4.1%)	1004 (11.5%)
Missing	13 (4.1%)	388 (4.4%)

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

Standard	225 (70.5%)	5611 (64.2%)
Smaller	44 (13.8%)	811 (9.3%)
Larger	6 (1.9%)	344 (3.9%)
I do not know	10 (3.1%)	884 (10.1%)
Missing	34 (10.7%)	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	4 (2.4%)	608 (14.7%)
I did not like the smell/taste of the food	45 (27.4%)	474 (11.4%)
The food did not fit my cultural/religious preferences	3 (1.8%)	54 (1.3%)
The food was too hot	-	15 (0.36%)
The food was too cold	9 (5.5%)	95 (2.3%)
Due to food allergy/intolerance	-	27 (0.65%)
I was not hungry at that time	22 (13.4%)	709 (17.1%)

I do not have my usual appetite	61 (37.2%)	1167 (28.2%)
I have problems chewing/swallowing	16 (9.8%)	239 (5.8%)
I normally eat less than what was served	8 (4.9%)	457 (11.0%)
I had nausea/vomiting	35 (21.3%)	345 (8.3%)
I was too tired	15 (9.1%)	227 (5.5%)
I cannot eat without help	4 (2.4%)	73 (1.8%)
I was not allowed to eat	5 (3.0%)	460 (11.1%)
I had an exam, surgery, or test and missed my meal	7 (4.3%)	243 (5.9%)
I did not get requested food	-	54 (1.3%)
No answer given	17 (10.4%)	510 (12.3%)

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

Water	5 [4-8]	3 [2-5]
Tea	2 [1-2]	1 [0-2]
Coffee	1 [0-2]	1 [0-2]
Milk	1 [1-2]	1 [0-1]
Fruit juice	1 [1-2]	1 [0-2]
Soft drinks	0 [0-0]	0 [0-1]
Nutrition drink	1 [0-2]	0 [0-1]
Other	1 [0-2]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? 34 (11.9%) 2179 (27.2%)

19b. If yes, what did you eat?

Sweet snacks	2 (5.9%)	548 (25.1%)
Salty snacks	1 (2.9%)	290 (13.3%)
Homemade food	13 (38.2%)	320 (14.7%)
Fruits	15 (44.1%)	774 (35.5%)
Dairy products	3 (8.8%)	221 (10.1%)
Food delivered/restaurant	1 (2.9%)	85 (3.9%)
Sandwich	1 (2.9%)	145 (6.7%)
Other	3 (8.8%)	429 (19.7%)

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

Increased	76 (23.8%)	1201 (13.7%)
Decreased	89 (27.9%)	2809 (32.1%)
Stayed the same	126 (39.5%)	3616 (41.4%)
I do not know	12 (3.8%)	601 (6.9%)
Missing	16 (5.0%)	517 (5.9%)

21. TODAY I feel...

Stronger than at admission	154 (48.3%)	3792 (43.4%)
Weaker than at admission	66 (20.7%)	1514 (17.3%)
Same as at admission	74 (23.2%)	2454 (28.1%)

I was admitted today	8 (2.5%)	239 (2.7%)
I do not know	17 (5.3%)	466 (5.3%)
Missing	-	279 (3.2%)

22. Can you walk without assistance TODAY?

Yes	198 (62.1%)	5103 (58.4%)
No, only with assistance	87 (27.3%)	2181 (24.9%)
No, I stay in bed	30 (9.4%)	984 (11.3%)
Missing	4 (1.3%)	476 (5.4%)

23. Did anyone help you complete this questionnaire?	229 (72.0%)	5889 (69.0%)
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V. Oncology: Unit organisation and structures ("Sheet 1 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	4	116
Computerized system in hospital:	3 units (75%) YES	112 units (97%) YES
Nutritional treatment of cancer patients is part of overall care plan	4 units (100%) YES	98 units (84%) YES
Nutritional treatment is considered...		
Routinely	4 (100%)	59 (50,9%)
When patient asks	-	29 (25,0%)
When body weight loss > 10%	-	39 (33,6%)
During palliative phase	-	33 (28,4%)
Other	-	6 (5,17%)
Missing	-	17 (14,7%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	-	7 (6,03%)
No knowledge of the field	-	7 (6,03%)
No reimbursement	-	7 (6,03%)
It feeds the tumour	-	1 (0,86%)
Other	-	4 (3,45%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	4 (100%)	67 (57,8%)
Calculation of energy needs	4 (100%)	85 (73,3%)
Monitoring patients intake and use of oral supplements	4 (100%)	102 (87,9%)
None	-	4 (3,45%)
Other	-	5 (4,31%)
Missing	-	2 (1,72%)
Nutritional therapy is not used due to		
Lack of evidence	-	2 (1,72%)
Lack of experience	-	6 (5,17%)
No reimbursement	-	3 (2,59%)
Lack of dietitians	-	8 (6,90%)
Lack of other experts	-	3 (2,59%)
Other	-	1 (0,86%)
Missing	-	-

Assessment of parameters in cancer patients & methods used:

Anthropometry/Body composition:

Body weight

Regularly	3 (75,0%)	78 (67,2%)
At chemotherapy	1 (25,0%)	12 (10,3%)
When necessary	-	23 (19,8%)
Never	-	1 (0,86%)
Unknown	-	1 (0,86%)
Missing	-	1 (0,86%)

Anthropometrics (circumference)

Regularly	1 (25,0%)	13 (11,2%)
At chemotherapy	1 (25,0%)	1 (0,86%)
When necessary	2 (50,0%)	42 (36,2%)
Never	-	53 (45,7%)
Unknown	-	1 (0,86%)
Missing	-	6 (5,17%)

BIA

Regularly	-	5 (4,31%)
At chemotherapy	-	-
When necessary	1 (25,0%)	25 (21,6%)
Never	2 (50,0%)	78 (67,2%)
Unknown	-	3 (2,59%)
Missing	1 (25,0%)	5 (4,31%)

CT SCAN

Regularly	-	6 (5,17%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (50,0%)	32 (27,6%)
Never	1 (25,0%)	70 (60,3%)
Unknown	-	3 (2,59%)
Missing	1 (25,0%)	4 (3,45%)

DEXA

Regularly	-	2 (1,72%)
At chemotherapy	-	-
When necessary	2 (50,0%)	16 (13,8%)
Never	1 (25,0%)	85 (73,3%)
Unknown	-	8 (6,90%)
Missing	1 (25,0%)	5 (4,31%)

Other (body composition)

Regularly	-	1 (0,86%)
At chemotherapy	-	-
When necessary	2 (50,0%)	17 (14,7%)

Never	1 (25,0%)	40 (34,5%)
Unknown	-	21 (18,1%)
Missing	1 (25,0%)	37 (31,9%)
Body function:		
Handgrip		
Regularly	1 (25,0%)	6 (5,17%)
At chemotherapy	-	1 (0,86%)
When necessary	1 (25,0%)	38 (32,8%)
Never	1 (25,0%)	61 (52,6%)
Unknown	-	4 (3,45%)
Missing	1 (25,0%)	6 (5,17%)
6-minutes walking test		
Regularly	-	3 (2,59%)
At chemotherapy	-	-
When necessary	1 (25,0%)	33 (28,4%)
Never	2 (50,0%)	68 (58,6%)
Unknown	-	5 (4,31%)
Missing	1 (25,0%)	7 (6,03%)
Other (body function)		
Regularly	1 (25,0%)	4 (3,45%)
At chemotherapy	-	-
When necessary	1 (25,0%)	24 (20,7%)
Never	1 (25,0%)	45 (38,8%)
Unknown	-	16 (13,8%)
Missing	1 (25,0%)	27 (23,3%)
Nutritional requirements, calculated		
Regularly	4 (100%)	34 (29,3%)
At chemotherapy	-	-
When necessary	-	65 (56,0%)
Never	-	5 (4,31%)
Unknown	-	-
Missing	-	12 (10,3%)
Nutritional intake:		
Every meal		
Regularly	-	32 (27,6%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (50,0%)	51 (44,0%)
Never	1 (25,0%)	13 (11,2%)
Unknown	-	6 (5,17%)

Missing	1 (25,0%)	13 (11,2%)
1 meal per day		
Regularly	-	12 (10,3%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (50,0%)	36 (31,0%)
Never	1 (25,0%)	19 (16,4%)
Unknown	-	9 (7,76%)
Missing	1 (25,0%)	39 (33,6%)
2 meals per day		
Regularly	-	12 (10,3%)
At chemotherapy	-	-
When necessary	2 (50,0%)	35 (30,2%)
Never	1 (25,0%)	20 (17,2%)
Unknown	-	9 (7,76%)
Missing	1 (25,0%)	40 (34,5%)
24h recall		
Regularly	4 (100%)	28 (24,1%)
At chemotherapy	-	2 (1,72%)
When necessary	-	41 (35,3%)
Never	-	12 (10,3%)
Unknown	-	7 (6,03%)
Missing	-	26 (22,4%)
Other (nutritional intake)		
Regularly	-	2 (1,72%)
At chemotherapy	-	-
When necessary	2 (50,0%)	17 (14,7%)
Never	1 (25,0%)	22 (19,0%)
Unknown	-	18 (15,5%)
Missing	1 (25,0%)	57 (49,1%)
Questionnaire completed by		
Dietitian	4 (100%)	42 (36,2%)
Nurse	-	29 (25,0%)
Physician	-	39 (33,6%)
Nutritional scientist	-	5 (4,31%)
Other	-	-
Missing	-	1 (0,86%)

V. Oncology: Cancer patients - Diagnosis & therapy ("Sheet 2 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	132	1064
Demographic data:		
Age (years)	56 [18-86]	66 [18-96]
Female gender	72 (54,5%)	423 (39,8%)
Weight (kg)	65,6 ± 23,4	64,3 ± 16,9
Height (cm)	160,0 ± 8,9	165,4 ± 9,8
BMI (kg/m2)	24,0 ± 4,6	23,6 ± 4,8
Outpatient (o)/Ward (w)		
Outpatient(o)	36 (27,3%)	63 (5,92%)
Ward (w)	96 (72,7%)	997 (93,7%)
Missing	-	4 (0,38%)
Goal of Therapy		
Curative	73 (55,3%)	606 (57,0%)
Palliative	48 (36,4%)	359 (33,7%)
Terminal	6 (4,55%)	74 (6,95%)
Missing	5 (3,79%)	25 (2,35%)
Reason for admission		
Clinical diagnostics	16 (12,1%)	109 (10,2%)
Therapy	88 (66,7%)	516 (48,5%)
Surgery related	17 (12,9%)	225 (21,1%)
Treatment complications	8 (6,06%)	124 (11,7%)
Poor health status	6 (4,55%)	139 (13,1%)
Independent care difficult	-	8 (0,75%)
Missing	-	-
Present cancer diagnosis		
Breast	17 (12,9%)	59 (5,55%)
Colon, rectum	10 (7,58%)	172 (16,2%)
Prostate	3 (2,27%)	31 (2,91%)
Lung	10 (7,58%)	86 (8,08%)
Skin	1 (0,76%)	8 (0,75%)
Kidney/bladder	3 (2,27%)	31 (2,91%)
Gastric/oesophageal	14 (10,6%)	152 (14,3%)
Pancreas	1 (0,76%)	69 (6,48%)
Lymphoma	9 (6,82%)	102 (9,59%)
Ears nose throat (ENT)	6 (4,55%)	51 (4,79%)
Leukaemia	12 (9,09%)	77 (7,24%)
Genital tract	2 (1,52%)	38 (3,57%)

Liver	3 (2,27%)	106 (9,96%)
Sarcoma	4 (3,03%)	11 (1,03%)
Brain	-	23 (2,16%)
Testicular	-	-
Other	33 (25,0%)	85 (7,99%)
Missing	-	11 (1,03%)

Time since diagnosis

0-2 months	29 (22,0%)	366 (34,4%)
3-5 months	29 (22,0%)	184 (17,3%)
6-12 months	23 (17,4%)	169 (15,9%)
1-2 years	32 (24,2%)	147 (13,8%)
2-4 years	9 (6,82%)	82 (7,71%)
> 4 years	9 (6,82%)	94 (8,83%)
Missing	1 (0,76%)	19 (1,79%)

Cancer staging

0=Carcinoma in situ	6 (4,55%)	55 (5,17%)
I=Localized	28 (21,2%)	244 (22,9%)
II=Early locally advanced	60 (45,5%)	176 (16,5%)
III=Late locally advanced	19 (14,4%)	176 (16,5%)
IV=Metastasised	17 (12,9%)	302 (28,4%)
Missing	2 (1,52%)	111 (10,4%)

Time since first therapy start

No therapy	12 (9,09%)	134 (12,6%)
Tumour staging/diagnosis	8 (6,06%)	67 (6,30%)
0-2 months	30 (22,7%)	290 (27,3%)
3-5 months	14 (10,6%)	145 (13,6%)
6-12 months	18 (13,6%)	153 (14,4%)
1-2 years	14 (10,6%)	114 (10,7%)
2-4 years	2 (1,52%)	64 (6,02%)
> 4 years	4 (3,03%)	104 (9,77%)
Missing	1 (0,76%)	16 (1,50%)

Therapy situation

Diagnosis	11 (8,33%)	109 (10,2%)
Chemotherapy 1st line	27 (20,5%)	191 (18,0%)
Chemotherapy > 1st line	50 (37,9%)	173 (16,3%)
Radiotherapy	13 (9,85%)	70 (6,58%)
Target therapy	-	31 (2,91%)
Hormone therapy	-	12 (1,13%)
Palliative	8 (6,06%)	121 (11,4%)
Surgery	18 (13,6%)	348 (32,7%)

Cancer related complications	16 (12,1%)	67 (6,30%)
Therapy related complications	10 (7,58%)	43 (4,04%)
Missing	1 (0,76%)	13 (1,22%)

Infections

None	98 (74,2%)	808 (75,9%)
Local	15 (11,4%)	161 (15,1%)
General	18 (13,6%)	73 (6,86%)
Missing	1 (0,76%)	22 (2,07%)

Nutrition Treatment

No special diet	18 (13,6%)	458 (43,0%)
Individualized diet plan	80 (60,6%)	305 (28,7%)
Energy rich/protein rich ONS	56 (42,4%)	121 (11,4%)
Enteral nutrition (via NGT/PEG)	6 (4,55%)	65 (6,11%)
Parenteral nutrition	4 (3,03%)	136 (12,8%)
ONS enriched with special nutrients	16 (12,1%)	25 (2,35%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	17 (12,9%)	13 (1,22%)
Personal preferences	17 (12,9%)	110 (10,3%)
Counselling	77 (58,3%)	54 (5,08%)
Other	20 (15,2%)	28 (2,63%)
Missing	-	-

V. Oncology: Cancer patients - Appetite, food intake & quality of life ("Sheet 3 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 3_onco:	132	1056
Body weight prior to becoming ill	62 [40-101]	70 [22-180]
Actual body weight	60 [35-110]	63 [21-128]
Change in weight was		
Intentional	4 (3,03%)	31 (2,91%)
Unintentional	91 (68,9%)	644 (60,5%)
Weight is stable	24 (18,2%)	180 (16,9%)
Missing	1 (0,76%)	31 (2,91%)
During the last week		
Patients who have had pain:		
Not at all	30 (22,7%)	366 (34,4%)
A little	51 (38,6%)	294 (27,6%)
Quite a bit	36 (27,3%)	192 (18,0%)
Very much	14 (10,6%)	108 (10,2%)
Missing	-	90 (8,46%)
Patients who needed a rest:		
Not at all	22 (16,7%)	261 (24,5%)
A little	48 (36,4%)	311 (29,2%)
Quite a bit	43 (32,6%)	243 (22,8%)
Very much	17 (12,9%)	131 (12,3%)
Missing	1 (0,76%)	98 (9,21%)
Patients who felt weak:		
Not at all	25 (18,9%)	255 (24,0%)
A little	46 (34,8%)	297 (27,9%)
Quite a bit	42 (31,8%)	260 (24,4%)
Very much	18 (13,6%)	142 (13,3%)
Missing	-	95 (8,93%)
Patients who felt depressed:		
Not at all	34 (25,8%)	382 (35,9%)
A little	39 (29,5%)	337 (31,7%)
Quite a bit	44 (33,3%)	148 (13,9%)
Very much	13 (9,85%)	80 (7,52%)
Missing	1 (0,76%)	92 (8,65%)
Patients who were tired:		

Not at all	27 (20,5%)	272 (25,6%)
A little	45 (34,1%)	317 (29,8%)
Quite a bit	40 (30,3%)	240 (22,6%)
Very much	18 (13,6%)	124 (11,7%)
Missing	1 (0,76%)	92 (8,65%)

Patients whose pain interfered with their daily activities:

Not at all	35 (26,5%)	412 (38,7%)
A little	41 (31,1%)	250 (23,5%)
Quite a bit	38 (28,8%)	168 (15,8%)
Very much	14 (10,6%)	114 (10,7%)
Missing	3 (2,27%)	97 (9,12%)

Patients who lacked appetite:

Not at all	25 (18,9%)	386 (36,3%)
A little	54 (40,9%)	270 (25,4%)
Quite a bit	35 (26,5%)	171 (16,1%)
Very much	17 (12,9%)	119 (11,2%)
Missing	-	98 (9,21%)

Just now

Patients who have pain:

Not at all	31 (23,5%)	411 (38,6%)
A little	54 (40,9%)	337 (31,7%)
Quite a bit	40 (30,3%)	150 (14,1%)
Very much	4 (3,03%)	48 (4,51%)
Missing	2 (1,52%)	101 (9,49%)

Patients who need a rest:

Not at all	25 (18,9%)	225 (21,1%)
A little	47 (35,6%)	351 (33,0%)
Quite a bit	38 (28,8%)	263 (24,7%)
Very much	20 (15,2%)	102 (9,59%)
Missing	1 (0,76%)	100 (9,40%)

Patients who feel weak:

Not at all	25 (18,9%)	242 (22,7%)
A little	46 (34,8%)	337 (31,7%)
Quite a bit	42 (31,8%)	257 (24,2%)
Very much	17 (12,9%)	105 (9,87%)
Missing	1 (0,76%)	101 (9,49%)

Patients who are depressed:

Not at all	38 (28,8%)	413 (38,8%)
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A little	38 (28,8%)	338 (31,8%)
Quite a bit	44 (33,3%)	145 (13,6%)
Very much	9 (6,82%)	47 (4,42%)
Missing	1 (0,76%)	99 (9,30%)

Patients who are tired:

Not at all	29 (22,0%)	253 (23,8%)
A little	39 (29,5%)	372 (35,0%)
Quite a bit	46 (34,8%)	230 (21,6%)
Very much	16 (12,1%)	88 (8,27%)
Missing	1 (0,76%)	98 (9,21%)

Patients whose pain interferes with their daily activities:

Not at all	32 (24,2%)	378 (35,5%)
A little	39 (29,5%)	285 (26,8%)
Quite a bit	47 (35,6%)	185 (17,4%)
Very much	12 (9,09%)	84 (7,89%)
Missing	1 (0,76%)	103 (9,68%)

Patients who lack appetite:

Not at all	34 (25,8%)	359 (33,7%)
A little	48 (36,4%)	301 (28,3%)
Quite a bit	36 (27,3%)	180 (16,9%)
Very much	11 (8,33%)	98 (9,21%)
Missing	2 (1,52%)	102 (9,59%)

Reasons for change in appetite/food intake

Nausea/Vomiting	49 (37,1%)	161 (15,1%)
Inflammation in mouth	11 (8,33%)	57 (5,36%)
Pain	41 (31,1%)	120 (11,3%)
Constipation	9 (6,82%)	69 (6,48%)
Diarrhea	5 (3,79%)	44 (4,14%)
Change in taste/smell	34 (25,8%)	108 (10,2%)
Early satiation/Loss of appetite	37 (28,0%)	252 (23,7%)
Other	16 (12,1%)	201 (18,9%)
Missing	9 (6,82%)	51 (4,79%)

Maximum activity performed by patients

Able to do sports	-	46 (4,32%)
Fully active	13 (9,85%)	141 (13,3%)
Able to carry out light activities	36 (27,3%)	210 (19,7%)
Able to carry out self care	57 (43,2%)	236 (22,2%)
Able to carry out limited self care	18 (13,6%)	156 (14,7%)
Confined to bed or chair	7 (5,30%)	156 (14,7%)

Missing	1 (0,76%)	99 (9,30%)
Patient takes additional (without prescription)		
Nothing	100 (75,8%)	696 (65,4%)
Herbal tea	2 (1,52%)	78 (7,33%)
Nutritional supplements	13 (9,85%)	67 (6,30%)
Multivitamin	4 (3,03%)	37 (3,48%)
Other medication	2 (1,52%)	44 (4,14%)
Other	6 (4,55%)	52 (4,89%)
Missing	9 (6,82%)	125 (11,7%)
Additional activities performed		
Nothing	104 (78,8%)	797 (74,9%)
Psychotherapy	3 (2,27%)	17 (1,60%)
Yoga	5 (3,79%)	10 (0,94%)
Meditation	6 (4,55%)	22 (2,07%)
Progressive muscle relaxation	2 (1,52%)	15 (1,41%)
Qigong	-	1 (0,09%)
Other	2 (1,52%)	74 (6,95%)
Missing	10 (7,58%)	138 (13,0%)
Patients having difficulties in complying with treatment		
	37 (28,0%)	246 (23,1%)
Patients needing help to complete questionnaire		
	96 (72,7%)	640 (60,2%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:		
	119 (90,2%)	639 (60,1%)