



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:	3
Number of participated units:	9
Number of patients:	141
Number of patients who gave consent:	137
Number of patients completing Sheet 3a:	136
Number of patients completing Sheet 3b:	135
Number of cancer patients:	94
Number of patients completing Sheet 2_onco:	86
Number of patients completing Sheet 3_onco:	86
Number of patients with 30-day outcome assessment:	137

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	328 [296-810]	290 [162-548]
2. Total number of admissions in the hospital last year	13946 [13846-29573]	16544 [7529-35485]
3. Total number of staff in the hospital		
Total medical doctors	188 [160-357]	161 [64-352]
Medical specialists	145 [111-232]	108 [42-202]
Medical non-specialists	55 [49-131]	33 [11-78]
Nurses	353 [351-897]	347 [123-753]
Dieticians	1 [1-3]	4 [2-8]
Nutritionists	0 [0-0]	1 [0-4]
Pharmacists	8 [7-17]	6 [3-17]
Kitchen staff	92 [63-120]	29 [13-53]
Full time equivalent		
Total medical doctors	184 [154-355]	119 [53-333]
Medical specialists	141 [106-230]	88 [43-204]
Medical non-specialists	54 [49-130]	31 [10-79]
Nurses	351 [348-896]	309 [119-725]
Dieticians	1 [1-3]	4 [2-7]
Nutritionists	0 [0-0]	1 [0-3]
Pharmacists	8 [7-17]	5 [3-15]
Kitchen staff	33 [17-91]	22 [13-46]
4. Does the hospital have a nutrition care strategy?	1 (33.3%) Yes	203 (77.5%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	2 (66.7%) Yes	170 (64.9%) Yes
Nutrition steering committee is available	1 (33.3%) Yes	151 (57.6%) Yes
Quality indicators are recorded and reported to national or regional level	-	105 (40.1%) Yes
Quality indicators are used for internal benchmarking	1 (33.3%) Yes	134 (51.1%) Yes
Patient feedback about food and food service is collected using a questionnaire	2 (66.7%) 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	3 (100%) Yes	121 (46.2%) Yes
Oral nutrition supplements	2 (66.7%) Yes	99 (37.8%) Yes

Parenteral nutrition	-	139 (53.1%) Yes
Enteral nutrition	1 (33.3%) Yes	119 (45.4%) Yes
Dietary counseling	3 (100%) Yes	86 (32.8%) Yes
Specific dietary interventions	1 (33.3%) Yes	70 (26.7%) Yes
Screening for malnutrition	2 (66.7%) Yes	61 (23.3%) Yes
Risk of malnutrition	1 (33.3%) Yes	63 (24.0%) Yes
Malnutrition (in general)	1 (33.3%) Yes	118 (45.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	1 (33.3%) Yes	114 (43.5%) Yes
No information available from billing/finance/controlling	-	39 (14.9%) Yes
No answer given	-	21 (8.0%)

Codes routinely used

Nutrition Support	2 (66.7%) Yes	100 (38.2%) Yes
Oral nutrition supplements	2 (66.7%) Yes	82 (31.3%) Yes
Parenteral nutrition	1 (33.3%) Yes	123 (46.9%) Yes
Enteral nutrition	1 (33.3%) Yes	103 (39.3%) Yes
Dietary counseling	2 (66.7%) Yes	68 (26.0%) Yes
Specific dietary interventions	1 (33.3%) Yes	59 (22.5%) Yes
Screening for malnutrition	1 (33.3%) Yes	48 (18.3%) Yes
Risk of malnutrition	1 (33.3%) Yes	44 (16.8%) Yes
Malnutrition (in general)	1 (33.3%) Yes	98 (37.4%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	1 (33.3%) Yes	98 (37.4%) Yes
No information available from billing/finance/controlling	-	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	-	20.2%
Internal Medicine / Cardiology	-	5.5%
Internal Medicine / Gastroenterology & hepatology	1 (11.1%)	6.5%
Internal Medicine / Geriatrics	-	8.2%
Internal Medicine / Infectious diseases	-	1.1%
Internal Medicine / Nephrology	-	1.1%
Internal Medicine / Oncology (incl. radiotherapy)	5 (55.6%)	7.6%
Interdisciplinary	-	4.4%
Long term care	-	2.1%
Neurology	-	2.9%
Surgery / General	3 (33.3%)	17.3%
Surgery/ Cardiac/Vascular/Thoracic	-	1.5%
Surgery / Neurosurgery	-	1.1%
Surgery / Orthopedic	-	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	28 [19-46]	25 [18-34]
3. Total bed capacity of the unit	34 [26-56]	31 [25-44]
4. Number of each type of staff in the unit for TODAY’s morning shift		
Fully trained		
Medical doctors	5 [5-12]	4 [2-8]
Nurses	9 [4-12]	5 [4-8]
Nursing aides	0 [0-0]	2 [1-4]
Dieticians	1 [1-1]	1 [0-1]
Nutritionists	0 [0-0]	0 [0-1]
Administrative staff	1 [1-2]	1 [0-2]
Other staff involved in patient care	0 [0-2]	1 [0-3]
In training		
Medical doctors	2 [2-3]	1 [0-3]
Medical students	0 [0-1]	0 [0-2]
Nurses	2 [2-2]	1 [0-3]

Nursing aides	0 [0-0]	0 [0-0]
Dieticians	0 [0-0]	0 [0-0]
Nutritionists	0 [0-0]	0 [0-0]
Other staff involved in patient care	1 [1-2]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 7 (77.8%) Yes 337 (74.2%) Yes

6. Does the unit have a nutrition care strategy? 6 (66.7%) Yes 330 (72.7%) Yes

7. Is there a person in your unit responsible for nutrition care? 7 (77.8%) Yes 331 (72.9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 9 (100%) Yes 410 (90.3%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 8 (88.9%) Yes 282 (62.1%) Yes

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

At admission

No routine screening	1 (11.1%) Yes	46 (9.7%) Yes
No fixed criteria	-	10 (2.1%) Yes
Experience / visual assessment only	-	43 (9.1%) Yes
Weighing / BMI only	2 (22.2%) Yes	66 (13.9%) Yes
Nutritional Risk Screening (NRS) 2002	6 (66.7%) 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	-	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	-	44 (9.3%) Yes
Experience / visual assessment only	1 (11.1%) Yes	90 (18.9%) Yes
Weighing / BMI only	7 (77.8%) Yes	136 (28.6%) Yes
Other formal tool	1 (11.1%) 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? 6 (75.0%) Yes 354 (78.8%) Yes

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

International guidelines	3 (50.0%) Yes	91 (25.7%) Yes
National guidelines	-	56 (15.8%) Yes
Standards on hospital level	2 (33.3%) Yes	119 (33.6%) Yes
Standards on unit level	1 (16.7%) Yes	24 (6.8%) Yes
Individual patient nutrition care plans	-	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	3 (33.3%) Yes	142 (29.9%) Yes
Discuss nutrition care activities during ward rounds	4 (44.4%) Yes	199 (41.9%) Yes
Develop an individual nutrition care plan	4 (44.4%) Yes	251 (52.8%) Yes
Initiate treatment / nutrition intervention	7 (77.8%) Yes	286 (60.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	5 (55.6%) Yes	292 (61.5%) Yes
Consult a medical professional	3 (33.3%) Yes	178 (37.5%) Yes
Calculate energy requirements	3 (33.3%) Yes	240 (50.5%) Yes
Calculate protein requirements	2 (22.2%) Yes	234 (49.3%) Yes

Malnourished

Watchful waiting	2 (22.2%) Yes	101 (21.3%) Yes
Discuss nutrition care activities during ward rounds	6 (66.7%) Yes	218 (45.9%) Yes
Develop an individual nutrition care plan	6 (66.7%) Yes	267 (56.2%) Yes
Initiate treatment / nutrition intervention	4 (44.4%) Yes	316 (66.5%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	5 (55.6%) Yes	294 (61.9%) Yes
Consult a medical professional	5 (55.6%) Yes	192 (40.4%) Yes
Calculate energy requirements	4 (44.4%) Yes	270 (56.8%) Yes
Calculate protein requirements	3 (33.3%) Yes	266 (56.0%) Yes

Every patient

Watchful waiting	7 (77.8%) Yes	204 (42.9%) Yes
Discuss nutrition care activities during ward rounds	1 (11.1%) Yes	131 (27.6%) Yes
Develop an individual nutrition care plan	2 (22.2%) Yes	79 (16.6%) Yes
Initiate treatment / nutrition intervention	1 (11.1%) Yes	61 (12.8%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	2 (22.2%) Yes	77 (16.2%) Yes
Consult a medical professional	1 (11.1%) Yes	105 (22.1%) Yes
Calculate energy requirements	-	56 (11.8%) Yes
Calculate protein requirements	-	50 (10.5%) Yes

Never

Watchful waiting	-	35 (7.4%) Yes
Discuss nutrition care activities during ward rounds	2 (22.2%) Yes	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	2 (22.2%) Yes	49 (10.3%) Yes
Calculate energy requirements	3 (33.3%) Yes	51 (10.7%) Yes
Calculate protein requirements	5 (55.6%) Yes	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	9 (100%) Yes	300 (63.2%) Yes
Within 24 hours	1 (11.1%) Yes	70 (14.7%) Yes
Within 48 hours	-	20 (4.2%) Yes
Within 72 hours	-	14 (2.9%) Yes
Every week	8 (88.9%) Yes	164 (34.5%) Yes
Occasionally	-	60 (12.6%) Yes
When requested	4 (44.4%) Yes	212 (44.6%) Yes
At discharge	-	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 (100%) Yes	350 (73.7%) Yes
Offer meal choices	6 (66.7%) Yes	348 (73.3%) Yes
Offer different portion sizes	-	292 (61.5%) Yes
Consider food presentation	-	198 (41.7%) Yes
Change food texture/consistency as needed	6 (66.7%) Yes	389 (81.9%) Yes
Consider patient problems with eating and drinking	9 (100%) Yes	385 (81.1%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	2 (22.2%) Yes	58 (12.2%) Yes
Promote positive eating environment	3 (33.3%) Yes	92 (19.4%) Yes
Consider cultural/religious preferences	5 (55.6%) Yes	200 (42.1%) Yes
Consider patient allergies / intolerances	9 (100%) Yes	228 (48.0%) Yes
Other	2 (22.2%) Yes	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	6 (66.7%) Yes	267 (56.2%) Yes
Reporting of nutrition related information to hospital managers	4 (44.4%) Yes	211 (44.4%) Yes
Quality indicators are recorded and reported to national or regional level	-	131 (27.6%) Yes
Quality indicators are used for internal benchmarking	2 (22.2%) Yes	175 (36.8%) Yes
Patient feedback about food and food service is collected using a questionnaire	1 (11.1%) Yes	302 (63.6%) Yes
None	-	21 (4.4%) Yes
I do not know	-	13 (2.7%) Yes
No answer given	-	37 (7.8%)

16. At admission what is asked and documented?

Change in weight	9 (100%) Yes	373 (78.5%) Yes
Eating habits/difficulties	5 (55.6%) Yes	349 (73.5%) Yes
Nutrition before admission	4 (44.4%) 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	8 (88.9%) Yes	335 (70.5%) Yes
nutrition treatment	2 (22.2%) 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	6 (66.7%) Yes	171 (36.0%) Yes
makes future nutrition-related recommendations	6 (66.7%) Yes	269 (56.6%) Yes
None	-	56 (11.8%) Yes
I do not know	2 (22.2%) Yes	26 (5.5%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	5 (55.6%) Yes	171 (44.5%) Yes
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19. Who filled in this sheet?

Head staff	1 (11.1%) Yes	120 (25.3%) Yes
Dietician	-	244 (51.4%) Yes
Nurse	6 (66.7%) Yes	127 (26.7%) Yes
Physician	2 (22.2%) Yes	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	137	9133
Age	65 [55-72]	67 [53-78]
Female	78 (56.9%)	4630 (50.7%)
Weight	75.9±16.8	68.8±18.8
Height	169±9	164±10
BMI	26.7±5.4	25.4±6.0

1. This hospital admission was...

planned	80 (58.4%)	3186 (34.9%)
an emergency	51 (37.2%)	5234 (57.3%)
I do not know	6 (4.4%)	713 (7.8%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	6 (4.4%)	833 (9.1%)
0200 Neoplasms	87 (63.5%)	1451 (15.9%)
0300 Blood and bloodforming organs and the immune mechanism	6 (4.4%)	612 (6.7%)
0400 Endocrine, nutritional and metabolic diseases	16 (11.7%)	1103 (12.1%)
0500 Mental health	1 (0.73%)	340 (3.7%)
0600 Nervous system	4 (2.9%)	795 (8.7%)
0700 Eye and adnexa	-	134 (1.5%)
0800 Ear and mastoid process	-	71 (0.78%)
0900 Circulatory system	18 (13.1%)	1817 (19.9%)
1000 Respiratory system	9 (6.6%)	1407 (15.4%)
1100 Digestive system	63 (46.0%)	2255 (24.7%)
1200 Skin and subcutaneous tissue	6 (4.4%)	444 (4.9%)
1300 Musculoskeletal system and connective tissue	1 (0.73%)	1332 (14.6%)
1400 Genitourinary system	14 (10.2%)	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	4 (2.9%)	410 (4.5%)
1900 Injury, poisoning	-	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	-	214 (2.3%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	15 (10.9%)	1665 (22.5%)
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Myocardial infarction	4 (2.9%)	418 (5.9%)
Chronic lung disease	9 (6.6%)	1118 (15.3%)
Cerebral vascular disease	6 (4.4%)	768 (10.7%)
Peripheral vascular disease	12 (8.8%)	888 (12.3%)
Chronic liver disease	5 (3.7%)	457 (6.4%)
Chronic kidney disease	7 (5.3%)	853 (11.8%)
Diabetes	24 (17.8%)	1983 (26.8%)
Cancer	94 (68.6%)	1815 (24.8%)
Infection	15 (10.9%)	1166 (16.0%)
Dementia	1 (0.73%)	398 (5.6%)
Major depressive disorder	4 (2.9%)	390 (5.5%)
Other chronic mental disorder	2 (1.5%)	387 (5.5%)
Other chronic disease	25 (18.4%)	2029 (27.4%)
None	12 (8.8%)	1421 (15.6%)

4a. Previous operation during this hospital stay

Yes, planned	35 (25.5%)	1796 (19.7%)
Yes, acute	11 (8.0%)	561 (6.1%)
No	90 (65.7%)	6420 (70.3%)
I do not know	-	130 (1.4%)
Missing	1 (0.73%)	226 (2.5%)

Days since operation	3 [1-16]	4 [1-13]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	3 (2.2%)	766 (8.4%)
Yes, later	5 (3.6%)	536 (5.9%)
No	126 (92.0%)	6795 (74.4%)
I do not know	1 (0.73%)	417 (4.6%)
Missing	2 (1.5%)	619 (6.8%)

5. Previous ICU admission during this hospital stay? (Yes)	21 (15.3%)	982 (10.8%)
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6. Is this patient terminally ill?	14 (10.2%)	660 (7.2%)
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7. Fluid status

Normal	122 (89.1%)	7154 (78.3%)
Overloaded	5 (3.6%)	518 (5.7%)
Dehydrated	9 (6.6%)	475 (5.2%)
I do not know	1 (0.73%)	986 (10.8%)
Missing	-	-

8. Number of different medications planned

Oral	4 [2-6]	5 [2-8]
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Other	2 [0-4]	2 [1-4]
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9. Was this patient identified as malnourished or at risk of malnutrition?

Malnourished	9 (6.6%)	914 (10.0%)
At risk	39 (28.5%)	1610 (17.6%)
No	88 (64.2%)	5843 (64.0%)
I do not know	1 (0.73%)	766 (8.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	62 (45.3%)	3595 (39.4%)
5% Glucose solution	17 (12.4%)	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	102 (74.5%)	5097 (55.8%)
Fortified/enriched hospital food	22 (16.1%)	801 (8.8%)
Protein/energy supplement (e.g. ONS drinks)	53 (38.7%)	1073 (11.7%)
Enteral nutrition	17 (12.4%)	495 (5.4%)
Parenteral nutrition	18 (13.1%)	485 (5.3%)
Special diet	8 (5.8%)	3173 (34.7%)
None	3 (2.2%)	506 (5.5%)

13a. All lines and Tubes

Central Venous	25 (18.2%)	752 (8.2%)
Peripheral venous access	88 (64.2%)	4362 (47.8%)
Nasogastric	1 (0.73%)	269 (2.9%)
Nasojejunal	-	38 (0.42%)
Nasoduodenal	-	22 (0.24%)
Enterostoma	1 (0.73%)	46 (0.50%)
Percutaneous endoscopy/surgical gastrostomy	2 (1.5%)	71 (0.78%)
Percutaneous endoscopy/surgical jejunostomy	-	29 (0.32%)
None	26 (19.0%)	4024 (44.1%)

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

Yes, previously	2 (1.5%)	93 (1.0%)
Yes, ongoing	1 (0.73%)	80 (0.88%)
No	127 (92.7%)	7577 (83.0%)
I do not know	2 (1.5%)	871 (9.5%)
Missing	5 (3.6%)	512 (5.6%)

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

Energy requirements were determined	32 (23.4%)	3246 (35.5%)
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Protein requirements were determined	26 (19.0%)	2888 (31.6%)
Food/Nutrition intake was recorded in the patient record	77 (56.2%)	4124 (45.2%)
Nutrition treatment plan was developed	26 (19.0%)	3183 (34.9%)
Nutrition expert was consulted	29 (21.2%)	3050 (33.4%)
Malnutrition status is recorded in the patient record	30 (21.9%)	2529 (27.7%)
None	-	-

15a. Energy goal

< 500 kcal	2 (1.5%)	335 (3.7%)
500-999 kcal	1 (0.73%)	109 (1.2%)
1000-1499 kcal	4 (2.9%)	957 (10.5%)
1500-1999 kcal	25 (18.2%)	2729 (29.9%)
>=2000 kcal	17 (12.4%)	993 (10.9%)
Not determined	70 (51.1%)	3222 (35.3%)
I do not know	18 (13.1%)	752 (8.2%)
Missing	-	36 (0.39%)

15b. Energy intake

< 500 kcal	10 (7.3%)	615 (6.7%)
500-999 kcal	7 (5.1%)	525 (5.7%)
1000-1499 kcal	6 (4.4%)	1192 (13.1%)
1500-1999 kcal	28 (20.4%)	2032 (22.2%)
>=2000 kcal	6 (4.4%)	597 (6.5%)
Not determined	61 (44.5%)	2998 (32.8%)
I do not know	19 (13.9%)	1122 (12.3%)
Missing	-	52 (0.57%)

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

Improved	63 (46.0%)	4626 (50.7%)
Deteriorated	9 (6.6%)	514 (5.6%)
Remained the same	59 (43.1%)	2506 (27.4%)
This patient has just been admitted	6 (4.4%)	574 (6.3%)
I do not know	-	913 (10.0%)
Missing	-	-

Length of hospital stay (days)	9 [4-18]	12 [6-24]
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Outcome Code

1= Still in the hospital	5 (3.6%)	796 (8.7%)
2= Transferred to another hospital	-	219 (2.4%)
3= Transferred to long term care	2 (1.5%)	373 (4.1%)
4= Rehabilitation	1 (0.73%)	500 (5.5%)
5= Discharged home	125 (91.2%)	6731 (73.7%)
6= Death	4 (2.9%)	283 (3.1%)

7= Others	-	175 (1.9%)
Missing	-	56 (0.61%)
Readmitted since ND		
1= No	94 (71.2%)	6273 (77.4%)
2= Yes, same hospital planned	24 (18.2%)	483 (6.0%)
3= Yes, same hospital unplanned	13 (9.8%)	471 (5.8%)
4= Yes, different hospital planned	-	45 (0.56%)
5= Yes, different hospital unplanned	-	45 (0.56%)
6= Unknown	-	366 (4.5%)
Missing	-	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	94 (69.1%)	6102 (69.3%)
I am vegetarian	5 (3.7%)	153 (1.7%)
I adhere to a vegan diet	1 (0.74%)	53 (0.60%)
I eat gluten-free diet	3 (2.2%)	78 (0.89%)
I avoid added sugars	36 (26.5%)	1353 (15.4%)
I avoid carbohydrates	8 (5.9%)	515 (5.9%)
I eat a low fat-diet	48 (35.3%)	1034 (11.8%)
I am lactose intolerant	3 (2.2%)	343 (3.9%)
Other special diet due to intolerances/allergies	5 (3.7%)	179 (2.0%)
Other	6 (4.4%)	617 (7.0%)
No answer given	-	217 (2.5%)
2. Where did you live before your current hospital admission?		
At home	134 (98.5%)	7771 (88.3%)
In a nursing home or other live-in facility	-	295 (3.4%)
I was transferred from another hospital	1 (0.74%)	456 (5.2%)
Other	1 (0.74%)	147 (1.7%)
Missing	-	131 (1.5%)
3. In general, are you able to walk?		
Yes	107 (78.7%)	5599 (63.6%)
Yes, with someone's help	15 (11.0%)	963 (10.9%)
Yes, independently using a cane, walker, or crutches	6 (4.4%)	1142 (13.0%)
No, I have a wheelchair	3 (2.2%)	383 (4.4%)
No, I am bedridden	3 (2.2%)	579 (6.6%)
Missing	2 (1.5%)	134 (1.5%)
4. In general, how would you say your health is?		
Very good	7 (5.1%)	633 (7.2%)
Good	31 (22.8%)	3217 (36.6%)
Fair	72 (52.9%)	3329 (37.8%)
Poor	22 (16.2%)	1202 (13.7%)
Very poor	3 (2.2%)	268 (3.0%)
Missing	1 (0.74%)	151 (1.7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	5 [3-10]	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?	8 [1-28]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	45 (33.1%)	1694 (19.3%)
3-5	44 (32.4%)	2352 (26.7%)
More than 5	24 (17.6%)	2722 (30.9%)
None	22 (16.2%)	1418 (16.1%)
I do not know	-	449 (5.1%)
Missing	1 (0.74%)	165 (1.9%)

7. Do you have health insurance?		
Yes, private insurance only	3 (2.2%)	1319 (15.0%)
Yes, public insurance only	33 (24.3%)	4350 (49.4%)
Yes, both	97 (71.3%)	1115 (12.7%)
None	-	1177 (13.4%)
I prefer not to answer	2 (1.5%)	510 (5.8%)
Missing	1 (0.74%)	329 (3.7%)

8. What was your weight 5 years ago?		
	80 [69-94]	70 [60-83]
I do not know	10 (7.4%)	2377 (27.0%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	12 (8.8%)	827 (9.4%)
Yes, unintentionally	70 (51.5%)	3324 (37.8%)
No, my weight stayed the same	42 (30.9%)	2582 (29.3%)
No, I gained weight	11 (8.1%)	951 (10.8%)
I do not know	-	907 (10.3%)
Missing	1 (0.74%)	209 (2.4%)

9b. If yes, how many kg did you lose?		
	6 [5-13]	6 [3-10]
I do not know	2 (2.4%)	701 (16.9%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	79 (59.0%)	3271 (39.2%)

11. Please indicate if you ...		
... were weighed at admission	99 (72.8%)	4927 (56.7%)
... were informed about your nutrition status	61 (45.5%)	2797 (32.5%)
... were informed about nutrition care options	76 (56.3%)	2491 (29.0%)
... received special nutrition care	43 (32.6%)	2357 (27.5%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	6 (4.4%)	388 (4.4%)
Normal	80 (59.3%)	5401 (61.8%)
About 3/4 of normal	17 (12.6%)	844 (9.7%)
About half of normal	18 (13.3%)	1065 (12.2%)

About a quarter to nearly nothing	14 (10.4%)	791 (9.0%)
I do not know	-	88 (1.0%)
Missing	-	167 (1.9%)

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

Very satisfied	24 (17.8%)	2368 (27.1%)
Somewhat satisfied	64 (47.4%)	2629 (30.1%)
Neutral	26 (19.3%)	1752 (20.0%)
Dissatisfied	13 (9.6%)	691 (7.9%)
Very dissatisfied	1 (0.74%)	261 (3.0%)
I do not know	7 (5.2%)	726 (8.3%)
Missing	-	317 (3.6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	8 (5.9%)	978 (11.2%)
Yes, from hospital staff	2 (1.5%)	581 (6.6%)
No	119 (88.1%)	6652 (76.1%)
I do not know	-	113 (1.3%)
Missing	6 (4.4%)	420 (4.8%)

15. Were you able to eat without interruption TODAY? (Yes)	101 (75.9%)	6110 (74.6%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	56 (41.5%)	4213 (48.2%)
1/2	37 (27.4%)	2075 (23.7%)
1/4	24 (17.8%)	1064 (12.2%)
Nothing	16 (11.9%)	1004 (11.5%)
Missing	2 (1.5%)	388 (4.4%)

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

Standard	110 (81.5%)	5611 (64.2%)
Smaller	3 (2.2%)	811 (9.3%)
Larger	-	344 (3.9%)
I do not know	12 (8.9%)	884 (10.1%)
Missing	10 (7.4%)	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	12 (15.6%)	608 (14.7%)
I did not like the smell/taste of the food	6 (7.8%)	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	2 (2.6%)	95 (2.3%)
Due to food allergy/intolerance	2 (2.6%)	27 (0.65%)
I was not hungry at that time	16 (20.8%)	709 (17.1%)

I do not have my usual appetite	32 (41.6%)	1167 (28.2%)
I have problems chewing/swallowing	4 (5.2%)	239 (5.8%)
I normally eat less than what was served	6 (7.8%)	457 (11.0%)
I had nausea/vomiting	4 (5.2%)	345 (8.3%)
I was too tired	5 (6.5%)	227 (5.5%)
I cannot eat without help	-	73 (1.8%)
I was not allowed to eat	7 (9.1%)	460 (11.1%)
I had an exam, surgery, or test and missed my meal	9 (11.7%)	243 (5.9%)
I did not get requested food	-	54 (1.3%)
No answer given	2 (2.6%)	510 (12.3%)

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

Water	4 [2-6]	3 [2-5]
Tea	2 [2-5]	1 [0-2]
Coffee	1 [1-1]	1 [0-2]
Milk	1 [0-1]	1 [0-1]
Fruit juice	1 [0-1]	1 [0-2]
Soft drinks	0 [0-2]	0 [0-1]
Nutrition drink	1 [1-2]	0 [0-1]
Other	0 [0-0]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? 30 (22.9%) 2179 (27.2%)

19b. If yes, what did you eat?

Sweet snacks	5 (16.7%)	548 (25.1%)
Salty snacks	1 (3.3%)	290 (13.3%)
Homemade food	5 (16.7%)	320 (14.7%)
Fruits	14 (46.7%)	774 (35.5%)
Dairy products	1 (3.3%)	221 (10.1%)
Food delivered/restaurant	-	85 (3.9%)
Sandwich	3 (10.0%)	145 (6.7%)
Other	5 (16.7%)	429 (19.7%)

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

Increased	15 (11.1%)	1201 (13.7%)
Decreased	52 (38.5%)	2809 (32.1%)
Stayed the same	60 (44.4%)	3616 (41.4%)
I do not know	6 (4.4%)	601 (6.9%)
Missing	2 (1.5%)	517 (5.9%)

21. TODAY I feel...

Stronger than at admission	48 (35.6%)	3792 (43.4%)
Weaker than at admission	36 (26.7%)	1514 (17.3%)
Same as at admission	38 (28.1%)	2454 (28.1%)

I was admitted today	10 (7.4%)	239 (2.7%)
I do not know	2 (1.5%)	466 (5.3%)
Missing	1 (0.74%)	279 (3.2%)

22. Can you walk without assistance TODAY?

Yes	112 (83.0%)	5103 (58.4%)
No, only with assistance	15 (11.1%)	2181 (24.9%)
No, I stay in bed	7 (5.2%)	984 (11.3%)
Missing	1 (0.74%)	476 (5.4%)

23. Did anyone help you complete this questionnaire?	81 (60.9%)	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:	8	116
Computerized system in hospital:	7 units (88%) YES	112 units (97%) YES
Nutritional treatment of cancer patients is part of overall care plan	5 units (63%) YES	98 units (84%) YES
Nutritional treatment is considered...		
Routinely	1 (12,5%)	59 (50,9%)
When patient asks	3 (37,5%)	29 (25,0%)
When body weight loss > 10%	3 (37,5%)	39 (33,6%)
During palliative phase	-	33 (28,4%)
Other	-	6 (5,17%)
Missing	1 (12,5%)	17 (14,7%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	1 (12,5%)	7 (6,03%)
No knowledge of the field	1 (12,5%)	7 (6,03%)
No reimbursement	1 (12,5%)	7 (6,03%)
It feeds the tumour	-	1 (0,86%)
Other	1 (12,5%)	4 (3,45%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	4 (50,0%)	67 (57,8%)
Calculation of energy needs	2 (25,0%)	85 (73,3%)
Monitoring patients intake and use of oral supplements	7 (87,5%)	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	1 (12,5%)	2 (1,72%)
Lack of experience	-	6 (5,17%)
No reimbursement	-	3 (2,59%)
Lack of dietitians	1 (12,5%)	8 (6,90%)
Lack of other experts	-	3 (2,59%)
Other	1 (12,5%)	1 (0,86%)
Missing	-	-

Assessment of parameters in cancer patients & methods used:

Anthropometry/Body composition:

Body weight

Regularly	6 (75,0%)	78 (67,2%)
At chemotherapy	2 (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 (12,5%)	13 (11,2%)
At chemotherapy	-	1 (0,86%)
When necessary	4 (50,0%)	42 (36,2%)
Never	3 (37,5%)	53 (45,7%)
Unknown	-	1 (0,86%)
Missing	-	6 (5,17%)

BIA

Regularly	1 (12,5%)	5 (4,31%)
At chemotherapy	-	-
When necessary	5 (62,5%)	25 (21,6%)
Never	2 (25,0%)	78 (67,2%)
Unknown	-	3 (2,59%)
Missing	-	5 (4,31%)

CT SCAN

Regularly	-	6 (5,17%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (25,0%)	32 (27,6%)
Never	6 (75,0%)	70 (60,3%)
Unknown	-	3 (2,59%)
Missing	-	4 (3,45%)

DEXA

Regularly	-	2 (1,72%)
At chemotherapy	-	-
When necessary	1 (12,5%)	16 (13,8%)
Never	7 (87,5%)	85 (73,3%)
Unknown	-	8 (6,90%)
Missing	-	5 (4,31%)

Other (body composition)

Regularly	-	1 (0,86%)
At chemotherapy	-	-
When necessary	1 (12,5%)	17 (14,7%)

Never	4 (50,0%)	40 (34,5%)
Unknown	-	21 (18,1%)
Missing	3 (37,5%)	37 (31,9%)

Body function:

Handgrip

Regularly	-	6 (5,17%)
At chemotherapy	-	1 (0,86%)
When necessary	1 (12,5%)	38 (32,8%)
Never	7 (87,5%)	61 (52,6%)
Unknown	-	4 (3,45%)
Missing	-	6 (5,17%)

6-minutes walking test

Regularly	-	3 (2,59%)
At chemotherapy	-	-
When necessary	1 (12,5%)	33 (28,4%)
Never	7 (87,5%)	68 (58,6%)
Unknown	-	5 (4,31%)
Missing	-	7 (6,03%)

Other (body function)

Regularly	-	4 (3,45%)
At chemotherapy	-	-
When necessary	2 (25,0%)	24 (20,7%)
Never	5 (62,5%)	45 (38,8%)
Unknown	-	16 (13,8%)
Missing	1 (12,5%)	27 (23,3%)

Nutritional requirements, calculated

Regularly	-	34 (29,3%)
At chemotherapy	-	-
When necessary	5 (62,5%)	65 (56,0%)
Never	1 (12,5%)	5 (4,31%)
Unknown	-	-
Missing	2 (25,0%)	12 (10,3%)

Nutritional intake:

Every meal

Regularly	5 (62,5%)	32 (27,6%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (25,0%)	51 (44,0%)
Never	-	13 (11,2%)
Unknown	-	6 (5,17%)

Missing	1 (12,5%)	13 (11,2%)
1 meal per day		
Regularly	1 (12,5%)	12 (10,3%)
At chemotherapy	-	1 (0,86%)
When necessary	1 (12,5%)	36 (31,0%)
Never	2 (25,0%)	19 (16,4%)
Unknown	-	9 (7,76%)
Missing	4 (50,0%)	39 (33,6%)
2 meals per day		
Regularly	1 (12,5%)	12 (10,3%)
At chemotherapy	-	-
When necessary	1 (12,5%)	35 (30,2%)
Never	2 (25,0%)	20 (17,2%)
Unknown	-	9 (7,76%)
Missing	4 (50,0%)	40 (34,5%)
24h recall		
Regularly	-	28 (24,1%)
At chemotherapy	1 (12,5%)	2 (1,72%)
When necessary	3 (37,5%)	41 (35,3%)
Never	2 (25,0%)	12 (10,3%)
Unknown	-	7 (6,03%)
Missing	2 (25,0%)	26 (22,4%)
Other (nutritional intake)		
Regularly	-	2 (1,72%)
At chemotherapy	-	-
When necessary	1 (12,5%)	17 (14,7%)
Never	2 (25,0%)	22 (19,0%)
Unknown	-	18 (15,5%)
Missing	5 (62,5%)	57 (49,1%)
Questionnaire completed by		
Dietitian	-	42 (36,2%)
Nurse	6 (75,0%)	29 (25,0%)
Physician	1 (12,5%)	39 (33,6%)
Nutritional scientist	1 (12,5%)	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:	86	1064
Demographic data:		
Age (years)	65 [20-83]	66 [18-96]
Female gender	50 (58,1%)	423 (39,8%)
Weight (kg)	74,1 ± 15,5	64,3 ± 16,9
Height (cm)	168,9 ± 8,8	165,4 ± 9,8
BMI (kg/m2)	26,0 ± 5,3	23,6 ± 4,8
Outpatient (o)/Ward (w)		
Outpatient(o)	2 (2,33%)	63 (5,92%)
Ward (w)	84 (97,7%)	997 (93,7%)
Missing	-	4 (0,38%)
Goal of Therapy		
Curative	74 (86,0%)	606 (57,0%)
Palliative	10 (11,6%)	359 (33,7%)
Terminal	-	74 (6,95%)
Missing	2 (2,33%)	25 (2,35%)
Reason for admission		
Clinical diagnostics	6 (6,98%)	109 (10,2%)
Therapy	41 (47,7%)	516 (48,5%)
Surgery related	21 (24,4%)	225 (21,1%)
Treatment complications	14 (16,3%)	124 (11,7%)
Poor health status	6 (6,98%)	139 (13,1%)
Independent care difficult	-	8 (0,75%)
Missing	-	-
Present cancer diagnosis		
Breast	8 (9,30%)	59 (5,55%)
Colon, rectum	13 (15,1%)	172 (16,2%)
Prostate	3 (3,49%)	31 (2,91%)
Lung	3 (3,49%)	86 (8,08%)
Skin	2 (2,33%)	8 (0,75%)
Kidney/bladder	3 (3,49%)	31 (2,91%)
Gastric/oesophageal	13 (15,1%)	152 (14,3%)
Pancreas	5 (5,81%)	69 (6,48%)
Lymphoma	10 (11,6%)	102 (9,59%)
Ears nose throat (ENT)	4 (4,65%)	51 (4,79%)
Leukaemia	-	77 (7,24%)
Genital tract	12 (14,0%)	38 (3,57%)

Liver	1 (1,16%)	106 (9,96%)
Sarcoma	2 (2,33%)	11 (1,03%)
Brain	-	23 (2,16%)
Testicular	2 (2,33%)	-
Other	4 (4,65%)	85 (7,99%)
Missing	1 (1,16%)	11 (1,03%)

Time since diagnosis

0-2 months	27 (31,4%)	366 (34,4%)
3-5 months	20 (23,3%)	184 (17,3%)
6-12 months	15 (17,4%)	169 (15,9%)
1-2 years	13 (15,1%)	147 (13,8%)
2-4 years	3 (3,49%)	82 (7,71%)
> 4 years	6 (6,98%)	94 (8,83%)
Missing	2 (2,33%)	19 (1,79%)

Cancer staging

0=Carcinoma in situ	1 (1,16%)	55 (5,17%)
I=Localized	33 (38,4%)	244 (22,9%)
II=Early locally advanced	22 (25,6%)	176 (16,5%)
III=Late locally advanced	7 (8,14%)	176 (16,5%)
IV=Metastasised	22 (25,6%)	302 (28,4%)
Missing	1 (1,16%)	111 (10,4%)

Time since first therapy start

No therapy	13 (15,1%)	134 (12,6%)
Tumour staging/diagnosis	4 (4,65%)	67 (6,30%)
0-2 months	28 (32,6%)	290 (27,3%)
3-5 months	13 (15,1%)	145 (13,6%)
6-12 months	4 (4,65%)	153 (14,4%)
1-2 years	1 (1,16%)	114 (10,7%)
2-4 years	-	64 (6,02%)
> 4 years	2 (2,33%)	104 (9,77%)
Missing	4 (4,65%)	16 (1,50%)

Therapy situation

Diagnosis	6 (6,98%)	109 (10,2%)
Chemotherapy 1st line	22 (25,6%)	191 (18,0%)
Chemotherapy > 1st line	12 (14,0%)	173 (16,3%)
Radiotherapy	7 (8,14%)	70 (6,58%)
Target therapy	-	31 (2,91%)
Hormone therapy	-	12 (1,13%)
Palliative	8 (9,30%)	121 (11,4%)
Surgery	21 (24,4%)	348 (32,7%)

Cancer related complications	10 (11,6%)	67 (6,30%)
Therapy related complications	2 (2,33%)	43 (4,04%)
Missing	-	13 (1,22%)

Infections

None	68 (79,1%)	808 (75,9%)
Local	5 (5,81%)	161 (15,1%)
General	13 (15,1%)	73 (6,86%)
Missing	-	22 (2,07%)

Nutrition Treatment

No special diet	60 (69,8%)	458 (43,0%)
Individualized diet plan	-	305 (28,7%)
Energy rich/protein rich ONS	27 (31,4%)	121 (11,4%)
Enteral nutrition (via NGT/PEG)	3 (3,49%)	65 (6,11%)
Parenteral nutrition	2 (2,33%)	136 (12,8%)
ONS enriched with special nutrients	10 (11,6%)	25 (2,35%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	3 (3,49%)	13 (1,22%)
Personal preferences	1 (1,16%)	110 (10,3%)
Counselling	-	54 (5,08%)
Other	-	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:	86	1056
Body weight prior to becoming ill	80 [54-140]	70 [22-180]
Actual body weight	71 [40-140]	63 [21-128]
Change in weight was		
Intentional	4 (4,65%)	31 (2,91%)
Unintentional	69 (80,2%)	644 (60,5%)
Weight is stable	10 (11,6%)	180 (16,9%)
Missing	3 (3,49%)	31 (2,91%)
During the last week		
Patients who have had pain:		
Not at all	25 (29,1%)	366 (34,4%)
A little	26 (30,2%)	294 (27,6%)
Quite a bit	23 (26,7%)	192 (18,0%)
Very much	9 (10,5%)	108 (10,2%)
Missing	3 (3,49%)	90 (8,46%)
Patients who needed a rest:		
Not at all	10 (11,6%)	261 (24,5%)
A little	31 (36,0%)	311 (29,2%)
Quite a bit	27 (31,4%)	243 (22,8%)
Very much	16 (18,6%)	131 (12,3%)
Missing	2 (2,33%)	98 (9,21%)
Patients who felt weak:		
Not at all	17 (19,8%)	255 (24,0%)
A little	31 (36,0%)	297 (27,9%)
Quite a bit	20 (23,3%)	260 (24,4%)
Very much	15 (17,4%)	142 (13,3%)
Missing	3 (3,49%)	95 (8,93%)
Patients who felt depressed:		
Not at all	46 (53,5%)	382 (35,9%)
A little	28 (32,6%)	337 (31,7%)
Quite a bit	7 (8,14%)	148 (13,9%)
Very much	2 (2,33%)	80 (7,52%)
Missing	3 (3,49%)	92 (8,65%)
Patients who were tired:		

Not at all	15 (17,4%)	272 (25,6%)
A little	35 (40,7%)	317 (29,8%)
Quite a bit	18 (20,9%)	240 (22,6%)
Very much	17 (19,8%)	124 (11,7%)
Missing	1 (1,16%)	92 (8,65%)

Patients whose pain interfered with their daily activities:

Not at all	31 (36,0%)	412 (38,7%)
A little	30 (34,9%)	250 (23,5%)
Quite a bit	10 (11,6%)	168 (15,8%)
Very much	12 (14,0%)	114 (10,7%)
Missing	3 (3,49%)	97 (9,12%)

Patients who lacked appetite:

Not at all	33 (38,4%)	386 (36,3%)
A little	21 (24,4%)	270 (25,4%)
Quite a bit	14 (16,3%)	171 (16,1%)
Very much	15 (17,4%)	119 (11,2%)
Missing	3 (3,49%)	98 (9,21%)

Just now

Patients who have pain:

Not at all	36 (41,9%)	411 (38,6%)
A little	31 (36,0%)	337 (31,7%)
Quite a bit	14 (16,3%)	150 (14,1%)
Very much	4 (4,65%)	48 (4,51%)
Missing	1 (1,16%)	101 (9,49%)

Patients who need a rest:

Not at all	14 (16,3%)	225 (21,1%)
A little	34 (39,5%)	351 (33,0%)
Quite a bit	25 (29,1%)	263 (24,7%)
Very much	10 (11,6%)	102 (9,59%)
Missing	3 (3,49%)	100 (9,40%)

Patients who feel weak:

Not at all	25 (29,1%)	242 (22,7%)
A little	31 (36,0%)	337 (31,7%)
Quite a bit	20 (23,3%)	257 (24,2%)
Very much	8 (9,30%)	105 (9,87%)
Missing	2 (2,33%)	101 (9,49%)

Patients who are depressed:

Not at all	45 (52,3%)	413 (38,8%)
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A little	29 (33,7%)	338 (31,8%)
Quite a bit	7 (8,14%)	145 (13,6%)
Very much	3 (3,49%)	47 (4,42%)
Missing	2 (2,33%)	99 (9,30%)

Patients who are tired:

Not at all	18 (20,9%)	253 (23,8%)
A little	39 (45,3%)	372 (35,0%)
Quite a bit	16 (18,6%)	230 (21,6%)
Very much	8 (9,30%)	88 (8,27%)
Missing	5 (5,81%)	98 (9,21%)

Patients whose pain interferes with their daily activities:

Not at all	33 (38,4%)	378 (35,5%)
A little	26 (30,2%)	285 (26,8%)
Quite a bit	16 (18,6%)	185 (17,4%)
Very much	10 (11,6%)	84 (7,89%)
Missing	1 (1,16%)	103 (9,68%)

Patients who lack appetite:

Not at all	36 (41,9%)	359 (33,7%)
A little	16 (18,6%)	301 (28,3%)
Quite a bit	20 (23,3%)	180 (16,9%)
Very much	12 (14,0%)	98 (9,21%)
Missing	2 (2,33%)	102 (9,59%)

Reasons for change in appetite/food intake

Nausea/Vomiting	14 (16,3%)	161 (15,1%)
Inflammation in mouth	6 (6,98%)	57 (5,36%)
Pain	20 (23,3%)	120 (11,3%)
Constipation	10 (11,6%)	69 (6,48%)
Diarrhea	5 (5,81%)	44 (4,14%)
Change in taste/smell	15 (17,4%)	108 (10,2%)
Early satiation/Loss of appetite	18 (20,9%)	252 (23,7%)
Other	10 (11,6%)	201 (18,9%)
Missing	2 (2,33%)	51 (4,79%)

Maximum activity performed by patients

Able to do sports	1 (1,16%)	46 (4,32%)
Fully active	15 (17,4%)	141 (13,3%)
Able to carry out light activities	34 (39,5%)	210 (19,7%)
Able to carry out self care	15 (17,4%)	236 (22,2%)
Able to carry out limited self care	15 (17,4%)	156 (14,7%)
Confined to bed or chair	5 (5,81%)	156 (14,7%)

Missing	1 (1,16%)	99 (9,30%)
Patient takes additional (without prescription)		
Nothing	32 (37,2%)	696 (65,4%)
Herbal tea	24 (27,9%)	78 (7,33%)
Nutritional supplements	27 (31,4%)	67 (6,30%)
Multivitamin	3 (3,49%)	37 (3,48%)
Other medication	4 (4,65%)	44 (4,14%)
Other	2 (2,33%)	52 (4,89%)
Missing	3 (3,49%)	125 (11,7%)
Additional activities performed		
Nothing	48 (55,8%)	797 (74,9%)
Psychotherapy	1 (1,16%)	17 (1,60%)
Yoga	-	10 (0,94%)
Meditation	6 (6,98%)	22 (2,07%)
Progressive muscle relaxation	3 (3,49%)	15 (1,41%)
Qigong	-	1 (0,09%)
Other	23 (26,7%)	74 (6,95%)
Missing	5 (5,81%)	138 (13,0%)
Patients having difficulties in complying with treatment	31 (36,0%)	246 (23,1%)
Patients needing help to complete questionnaire	40 (46,5%)	640 (60,2%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	70 (81,4%)	639 (60,1%)