



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2018 and for your effort. We are now able to present you your country report of the following sample size:

Number of participated center:	13
Number of participated units:	18
Number of patients who gave consent:	316
Number of patients completing Sheet 3a:	315
Number of patients completing Sheet 3b:	315
Number of cancer patients:	92
Number of patients completing Sheet 2_onco:	86
Number of patients completing Sheet 3_onco:	86
Number of patients with 30-day outcome assessment:	219

This report compares your country to international reference database based on data from nutritionDay 2016 and 2017.

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 2019. 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	268 [198-425]	317 [188-615]
2. Total number of admissions in the hospital last year	13966 [5134-26500]	17520 [8982-34767]
3. Total number of staff in the hospital		
Total medical doctors	55 [30-158]	170 [78-396]
Medical specialists	33 [20-86]	117 [54-244]
Medical non-specialists	10 [10-42]	35 [11-82]
Nurses	297 [158-623]	418 [195-800]
Dieticians	8 [2-11]	5 [2-9]
Nutritionists	1 [0-1]	1 [0-4]
Pharmacists	26 [7-44]	7 [4-22]
Kitchen staff	56 [29-68]	30 [14-55]
Full time equivalent		
Total medical doctors	163 [122-196]	139 [60-368]
Medical specialists	90 [58-95]	98 [48-245]
Medical non-specialists	44 [43-44]	34 [11-87]
Nurses	430 [412-815]	350 [187-778]
Dieticians	8 [8-9]	4 [2-8]
Nutritionists	0 [0-0]	1 [0-3]
Pharmacists	45 [44-73]	6 [3-18]
Kitchen staff	60 [58-65]	27 [14-50]
4. Does the hospital have a nutrition care strategy?	8 (100%) Yes	351 (78.7%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	7 (87.5%) Yes	298 (66.8%) Yes
Nutrition steering committee is available	5 (62.5%) Yes	280 (62.8%) Yes
Quality indicators are recorded and reported to national or regional level	5 (62.5%) Yes	193 (43.3%) Yes
Quality indicators are used for internal benchmarking	8 (100%) Yes	235 (52.7%) Yes
Patient feedback about food and food service is collected using a questionnaire	7 (87.5%) Yes	337 (75.6%) Yes
None	-	19 (4.3%) Yes
No answer given	-	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	7 (87.5%) Yes	216 (48.4%) Yes
Oral nutrition supplements	4 (50.0%) Yes	165 (37.0%) Yes

Parenteral nutrition	4 (50.0%) Yes	255 (57.2%) Yes
Enteral nutrition	4 (50.0%) Yes	224 (50.2%) Yes
Dietary counseling	5 (62.5%) Yes	166 (37.2%) Yes
Specific dietary interventions	4 (50.0%) Yes	119 (26.7%) Yes
Screening for malnutrition	5 (62.5%) Yes	119 (26.7%) Yes
Risk of malnutrition	2 (25.0%) Yes	103 (23.1%) Yes
Malnutrition (in general)	2 (25.0%) Yes	203 (45.5%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	3 (37.5%) Yes	195 (43.7%) Yes
No information available from billing/finance/controlling	1 (12.5%) Yes	75 (16.8%) Yes
No answer given	-	18 (4.0%)

Codes routinely used

Nutrition Support	7 (87.5%) Yes	188 (42.2%) Yes
Oral nutrition supplements	4 (50.0%) Yes	143 (32.1%) Yes
Parenteral nutrition	4 (50.0%) Yes	233 (52.2%) Yes
Enteral nutrition	4 (50.0%) Yes	205 (46.0%) Yes
Dietary counseling	4 (50.0%) Yes	140 (31.4%) Yes
Specific dietary interventions	3 (37.5%) Yes	105 (23.5%) Yes
Screening for malnutrition	5 (62.5%) Yes	95 (21.3%) Yes
Risk of malnutrition	2 (25.0%) Yes	80 (17.9%) Yes
Malnutrition (in general)	1 (12.5%) Yes	176 (39.5%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	3 (37.5%) Yes	169 (37.9%) Yes
No information available from billing/finance/controlling	1 (12.5%) Yes	81 (18.2%) Yes
No answer given	-	29 (6.5%)

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	5 (27.8%)	19.3%
Internal Medicine / Cardiology	1 (5.6%)	4.5%
Internal Medicine / Gastroenterology & hepatology	-	6.3%
Internal Medicine / Geriatrics	-	7.9%
Internal Medicine / Infectious diseases	-	0.5%
Internal Medicine / Nephrology	-	1.3%
Internal Medicine / Oncology (incl. radiotherapy)	1 (5.6%)	7.2%
Interdisciplinary	2 (11.1%)	3.3%
Long term care	-	2.0%
Neurology	-	3.6%
Surgery / General	-	13.5%
Surgery/ Cardiac/Vascular/Thoracic	-	2.1%
Surgery / Neurosurgery	-	1.0%
Surgery / Orthopedic	1 (5.6%)	4.2%
Trauma	-	1.4%
Ear Nose Throat (ENT)	-	1.8%
Gynecology / Obstetrics	-	1.6%
Pediatrics	-	1.3%
Psychiatry	-	0.9%
Others	8 (44.4%)	16.1%
2. Number of registered inpatients at noon	38 [22-48]	24 [18-31]
3. Total bed capacity of the unit	75 [43-141]	30 [24-38]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	10 [6-35]	3 [2-7]
Nurses	15 [11-86]	5 [3-8]
Nursing aides	1 [1-6]	2 [1-3]
Dieticians	2 [1-4]	1 [0-1]
Nutritionists	1 [0-1]	0 [0-1]
Administrative staff	5 [4-6]	1 [0-1]
Other staff involved in patient care	4 [2-5]	1 [0-2]
In training		
Medical doctors	0 [0-3]	1 [0-3]
Medical students	0 [0-0]	0 [0-2]
Nurses	0 [0-0]	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? 1Yes 705 (76.4%) Yes

6. Does the unit have a nutrition care strategy? 1Yes 678 (73.5%) Yes

7. Is there a person in your unit responsible for nutrition care? 1Yes 644 (69.8%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 1Yes 831 (90.0%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 7 (63.6%) Yes 575 (62.3%) Yes

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

At admission

No routine screening	-	85 (8.8%) Yes
No fixed criteria	-	14 (1.4%) Yes
Experience / visual assessment only	-	77 (7.9%) Yes
Weighing / BMI only	2 (11.1%) Yes	141 (14.5%) Yes
Nutritional Risk Screening (NRS) 2002	5 (27.8%) Yes	309 (31.9%) Yes
Malnutrition Universal Screening Tool (MUST)	2 (11.1%) Yes	59 (6.1%) Yes
Malnutrition Screening tool (MST)	-	70 (7.2%) Yes
SNAQ	-	11 (1.1%) Yes
Other formal tool	2 (11.1%) Yes	148 (15.3%) Yes
I do not know	-	9 (0.93%) Yes
Missing	7 (38.9%)	47 (4.8%)

During hospital stay

No routine monitoring	-	88 (9.1%) Yes
No fixed criteria	-	77 (7.9%) Yes
Experience / visual assessment only	-	174 (17.9%) Yes
Weighing / BMI only	5 (27.8%) Yes	313 (32.3%) Yes
Other formal tool	6 (33.3%) Yes	251 (25.9%) Yes
I do not know	-	20 (2.1%) Yes
Missing	7 (38.9%)	47 (4.8%)

11a. Do you routinely use guidelines or standards for nutrition care? 1Yes 724 (80.0%) Yes

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

International guidelines	11 (100%) Yes	186 (25.7%) Yes
National guidelines	-	105 (14.5%) Yes
Standards on hospital level	-	249 (34.4%) Yes
Standards on unit level	-	51 (7.0%) Yes
Individual patient nutrition care plans	-	116 (16.0%) Yes
Other	-	7 (0.97%) Yes
Missing	-	10 (1.4%)

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

Watchful waiting	1 (5.6%) Yes	281 (29.0%) Yes
Discuss nutrition care activities during ward rounds	-	430 (44.3%) Yes
Develop an individual nutrition care plan	-	509 (52.5%) Yes
Initiate treatment / nutrition intervention	2 (11.1%) Yes	582 (60.0%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (5.6%) Yes	592 (61.0%) Yes
Consult a medical professional	-	383 (39.5%) Yes
Calculate energy requirements	-	479 (49.4%) Yes
Calculate protein requirements	-	466 (48.0%) Yes

Malnourished

Watchful waiting	-	196 (20.2%) Yes
Discuss nutrition care activities during ward rounds	-	462 (47.6%) Yes
Develop an individual nutrition care plan	-	541 (55.8%) Yes
Initiate treatment / nutrition intervention	1 (5.6%) Yes	624 (64.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (5.6%) Yes	581 (59.9%) Yes
Consult a medical professional	-	411 (42.4%) Yes
Calculate energy requirements	-	537 (55.4%) Yes
Calculate protein requirements	-	522 (53.8%) Yes

Every patient

Watchful waiting	8 (44.4%) Yes	483 (49.8%) Yes
Discuss nutrition care activities during ward rounds	11 (61.1%) Yes	258 (26.6%) Yes
Develop an individual nutrition care plan	11 (61.1%) Yes	184 (19.0%) Yes
Initiate treatment / nutrition intervention	9 (50.0%) Yes	135 (13.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	10 (55.6%) Yes	185 (19.1%) Yes
Consult a medical professional	11 (61.1%) Yes	209 (21.5%) Yes
Calculate energy requirements	11 (61.1%) Yes	123 (12.7%) Yes
Calculate protein requirements	11 (61.1%) Yes	113 (11.6%) Yes

Never

Watchful waiting	-	76 (7.8%) Yes
Discuss nutrition care activities during ward rounds	-	62 (6.4%) Yes

Develop an individual nutrition care plan	-	50 (5.2%) Yes
Initiate treatment / nutrition intervention	-	13 (1.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	16 (1.6%) Yes
Consult a medical professional	-	106 (10.9%) Yes
Calculate energy requirements	-	103 (10.6%) Yes
Calculate protein requirements	-	124 (12.8%) Yes

I do not know

Watchful waiting	2 (11.1%) Yes	51 (5.3%) Yes
Discuss nutrition care activities during ward rounds	-	40 (4.1%) Yes
Develop an individual nutrition care plan	-	22 (2.3%) Yes
Initiate treatment / nutrition intervention	-	22 (2.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	18 (1.9%) Yes
Consult a medical professional	-	51 (5.3%) Yes
Calculate energy requirements	-	40 (4.1%) Yes
Calculate protein requirements	-	42 (4.3%) Yes

13. When do you routinely weigh your patients?

at admission	11 (61.1%) Yes	625 (64.4%) Yes
Within 24 hours	-	142 (14.6%) Yes
Within 48 hours	-	54 (5.6%) Yes
Within 72 hours	-	27 (2.8%) Yes
Every week	4 (22.2%) Yes	393 (40.5%) Yes
Occasionally	1 (5.6%) Yes	109 (11.2%) Yes
When requested	6 (33.3%) Yes	483 (49.8%) Yes
At discharge	4 (22.2%) Yes	52 (5.4%) Yes
Never	-	13 (1.3%) Yes
I do not know	-	4 (0.41%) Yes
No answer given	10 (41.7%)	50 (5.2%)

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

Offer additional meals or in between snacks	9 (50.0%) Yes	730 (75.3%) Yes
Offer meal choices	10 (55.6%) Yes	711 (73.3%) Yes
Offer different portion sizes	11 (61.1%) Yes	635 (65.5%) Yes
Consider food presentation	11 (61.1%) Yes	356 (36.7%) Yes
Change food texture/consistency as needed	11 (61.1%) Yes	797 (82.2%) Yes
Consider patient problems with eating and drinking	11 (61.1%) Yes	793 (81.8%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	4 (22.2%) Yes	218 (22.5%) Yes
Promote positive eating environment	5 (27.8%) Yes	281 (29.0%) Yes
Consider cultural/religious preferences	11 (61.1%) Yes	559 (57.6%) Yes
Consider patient allergies / intolerances	11 (61.1%) Yes	650 (67.0%) Yes
Other	2 (11.1%) Yes	74 (7.6%) Yes
I do not know	-	19 (2.0%) Yes
No answer given	7 (38.9%)	48 (4.9%)

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

Nutrition training is available	10 (55.6%) Yes	558 (57.5%) Yes
Reporting of nutrition related information to hospital managers	11 (61.1%) Yes	408 (42.1%) Yes
Quality indicators are recorded and reported to national or regional level	8 (44.4%) Yes	302 (31.1%) Yes
Quality indicators are used for internal benchmarking	9 (50.0%) Yes	358 (36.9%) Yes
Patient feedback about food and food service is collected using a questionnaire	11 (61.1%) Yes	625 (64.4%) Yes
None	-	32 (3.3%) Yes
I do not know	-	38 (3.9%) Yes
No answer given	7 (38.9%)	68 (7.0%)

16. At admission what is asked and documented?

Change in weight	11 (61.1%) Yes	775 (79.9%) Yes
Eating habits/difficulties	11 (61.1%) Yes	746 (76.9%) Yes
Nutrition before admission	11 (61.1%) Yes	592 (61.0%) Yes
None	-	15 (1.5%) Yes
I do not know	-	20 (2.1%) Yes
No answer given	7 (38.9%)	70 (7.2%)

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	11 (61.1%) Yes	708 (73.0%) Yes
nutrition treatment	10 (55.6%) Yes	582 (60.0%) Yes
None	-	54 (5.6%) Yes
I do not know	-	26 (2.7%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	4 (22.2%) Yes	407 (42.0%) Yes
makes future nutrition-related recommendations	11 (61.1%) Yes	572 (59.0%) Yes
None	-	110 (11.3%) Yes
I do not know	-	69 (7.1%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	6 (54.5%) Yes	356 (44.8%) Yes
--	---------------	-----------------

19. Who filled in this sheet?

Head staff	1 (5.6%) Yes	281 (29.0%) Yes
Dietician	11 (61.1%) Yes	517 (53.3%) Yes
Nurse	-	279 (28.8%) Yes
Physician	-	128 (13.2%) Yes
Administrative staff	1 (5.6%) Yes	8 (0.82%) Yes

Other	1 (5.6%) Yes	39 (4.0%) Yes
None	-	-
I do not know	-	7 (0.72%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	316	17827
Age	54 [43-65]	67 [53-78]
Female	140 (44.3%)	8951 (50.2%)
Weight	66.5±16.6	70.1±19.2
Height	162±9	165±10
BMI	25.0±4.9	25.5±6.0

1. This hospital admission was...

planned	164 (51.9%)	6798 (38.1%)
an emergency	148 (46.8%)	9562 (53.6%)
I do not know	4 (1.3%)	1467 (8.2%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	42 (13.3%)	1555 (8.7%)
0200 Neoplasms	52 (16.5%)	3133 (17.6%)
0300 Blood and bloodforming organs and the immune mechanism	8 (2.5%)	1159 (6.5%)
0400 Endocrine, nutritional and metabolic diseases	18 (5.7%)	2190 (12.3%)
0500 Mental health	3 (0.95%)	851 (4.8%)
0600 Nervous system	14 (4.4%)	1636 (9.2%)
0700 Eye and adnexa	1 (0.32%)	236 (1.3%)
0800 Ear and mastoid process	2 (0.63%)	127 (0.71%)
0900 Circulatory system	80 (25.3%)	3801 (21.3%)
1000 Respiratory system	32 (10.1%)	2810 (15.8%)
1100 Digestive system	37 (11.7%)	4343 (24.4%)
1200 Skin and subcutaneous tissue	9 (2.8%)	786 (4.4%)
1300 Musculoskeletal system and connective tissue	29 (9.2%)	2703 (15.2%)
1400 Genitourinary system	18 (5.7%)	1776 (10.0%)
1500 Pregnancy, childbirth and the puerperium	6 (1.9%)	198 (1.1%)
1600 Conditions originating in the perinatal period	-	25 (0.14%)
1700 Congenital/chromosomal abnormalities	-	31 (0.17%)
1800 Symptoms, signs, abnormal clinical/lab findings	26 (8.2%)	816 (4.6%)
1900 Injury, poisoning	3 (0.95%)	512 (2.9%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	3 (0.95%)	379 (2.1%)
2100 Factors influencing health status and contact with health services	23 (7.3%)	619 (3.5%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	107 (34.7%)	3518 (22.5%)
-----------------------	-------------	--------------

Myocardial infarction	14 (4.7%)	823 (5.4%)
Chronic lung disease	22 (7.4%)	2299 (14.8%)
Cerebral vascular disease	11 (3.7%)	1523 (9.9%)
Peripheral vascular disease	3 (1.0%)	1931 (12.6%)
Chronic liver disease	18 (6.0%)	992 (6.5%)
Chronic kidney disease	17 (5.7%)	1734 (11.3%)
Diabetes	106 (35.2%)	3888 (24.9%)
Cancer	92 (30.1%)	3763 (24.2%)
Infection	45 (15.1%)	2245 (14.5%)
Dementia	7 (2.4%)	798 (5.2%)
Major depressive disorder	5 (1.7%)	853 (5.6%)
Other chronic mental disorder	-	815 (5.4%)
Other chronic disease	24 (8.2%)	4031 (25.9%)
None	45 (14.2%)	3008 (16.9%)

4a. Previous operation during this hospital stay

Yes, planned	54 (17.1%)	3584 (20.1%)
Yes, acute	7 (2.2%)	1077 (6.0%)
No	193 (61.1%)	12545 (70.4%)
I do not know	-	230 (1.3%)
Missing	62 (19.6%)	391 (2.2%)

Days since operation	3 [2-12]	3 [1-11]
----------------------	----------	----------

4b. Planned operation during this hospital stay

Yes, today or tomorrow	26 (8.2%)	1266 (7.1%)
Yes, later	7 (2.2%)	953 (5.3%)
No	220 (69.6%)	13798 (77.4%)
I do not know	1 (0.32%)	833 (4.7%)
Missing	62 (19.6%)	977 (5.5%)

5. Previous ICU admission during this hospital stay? (Yes)	68 (26.4%)	1781 (10.0%)
---	------------	--------------

6. Is this patient terminally ill?	37 (11.7%)	1122 (6.3%)
---	------------	-------------

7. Fluid status

Normal	259 (82.0%)	13668 (76.7%)
Overloaded	25 (7.9%)	1008 (5.7%)
Dehydrated	31 (9.8%)	878 (4.9%)
I do not know	1 (0.32%)	2273 (12.8%)
Missing	-	-

8. Number of different medications planned

Oral	5 [3-7]	5 [2-8]
------	---------	---------

Other	4 [2-5]	2 [1-4]
-------	---------	---------

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

Malnourished	46 (14.6%)	2050 (11.5%)
At risk	61 (19.3%)	3162 (17.7%)
No	208 (65.8%)	11117 (62.4%)
I do not know	1 (0.32%)	1498 (8.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	154 (48.7%)	6470 (36.3%)
5% Glucose solution	46 (14.6%)	1853 (10.4%)

11. Number of ONS drinks planned	2 [0-4]	0 [0-0]
---	---------	---------

12. Nutrition intake

Regular hospital food	221 (69.9%)	10454 (58.6%)
Fortified/enriched hospital food	138 (43.7%)	1962 (11.0%)
Protein/energy supplement (e.g. ONS drinks)	142 (44.9%)	2469 (13.8%)
Enteral nutrition	12 (3.8%)	882 (4.9%)
Parenteral nutrition	2 (0.63%)	929 (5.2%)
Special diet	76 (24.1%)	5732 (32.2%)
None	1 (0.3%)	895 (5.0%)

13a. All lines and Tubes

Central Venous	48 (18.6%)	1535 (8.6%)
Peripheral venous access	179 (69.4%)	8238 (46.2%)
Nasogastric	10 (3.9%)	462 (2.6%)
Nasojejunal	-	79 (0.44%)
Nasoduodenal	-	67 (0.38%)
Enterostoma	-	82 (0.46%)
Percutaneous endoscopy/surgical gastrostomy	-	137 (0.77%)
Percutaneous endoscopy/surgical jejunostomy	1 (0.39%)	63 (0.35%)
None	96 (30.4%)	8032 (45.1%)

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

Yes, previously	12 (3.8%)	247 (1.4%)
Yes, ongoing	1 (0.32%)	173 (0.97%)
No	236 (74.7%)	14548 (81.6%)
I do not know	2 (0.63%)	1646 (9.2%)
Missing	65 (20.6%)	1213 (6.8%)

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

Energy requirements were determined	254 (98.4%)	6273 (35.2%)
-------------------------------------	-------------	--------------

Protein requirements were determined	258 (100%)	5516 (30.9%)
Food/Nutrition intake was recorded in the patient record	252 (97.7%)	7653 (42.9%)
Nutrition treatment plan was developed	248 (96.1%)	6036 (33.9%)
Nutrition expert was consulted	254 (98.4%)	6237 (35.0%)
Malnutrition status is recorded in the patient record	247 (95.7%)	5297 (29.7%)
None	-	-

15a. Energy goal

< 500 kcal	-	749 (4.2%)
500-999 kcal	-	194 (1.1%)
1000-1499 kcal	19 (6.0%)	1695 (9.5%)
1500-1999 kcal	216 (68.4%)	5578 (31.3%)
>=2000 kcal	22 (7.0%)	1992 (11.2%)
Not determined	-	6066 (34.0%)
I do not know	1 (0.32%)	1515 (8.5%)
Missing	58 (18.4%)	38 (0.21%)

15b. Energy intake

< 500 kcal	-	1264 (7.1%)
500-999 kcal	22 (7.0%)	900 (5.0%)
1000-1499 kcal	103 (32.6%)	2387 (13.4%)
1500-1999 kcal	123 (38.9%)	3954 (22.2%)
>=2000 kcal	8 (2.5%)	1047 (5.9%)
Not determined	-	6021 (33.8%)
I do not know	2 (0.63%)	2199 (12.3%)
Missing	58 (18.4%)	55 (0.31%)

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

Improved	135 (42.7%)	8831 (49.5%)
Deteriorated	10 (3.2%)	1039 (5.8%)
Remained the same	102 (32.3%)	4935 (27.7%)
This patient has just been admitted	10 (3.2%)	1248 (7.0%)
I do not know	1 (0.32%)	1774 (10.0%)
Missing	58 (18.4%)	-

Length of hospital stay (days)	6 [4-12]	12 [6-24]
--------------------------------	----------	-----------

Outcome Code

1= Still in the hospital	4 (1.3%)	1702 (9.5%)
2= Transferred to another hospital	1 (0.32%)	419 (2.4%)
3= Transferred to long term care	-	780 (4.4%)
4= Rehabilitation	2 (0.63%)	785 (4.4%)
5= Discharged home	209 (66.1%)	13163 (73.8%)
6= Death	1 (0.32%)	535 (3.0%)

7= Others	2 (0.63%)	310 (1.7%)
Missing	97 (30.7%)	133 (0.75%)
Readmitted since ND		
1= No	160 (75.1%)	11846 (75.5%)
2= Yes, same hospital planned	37 (17.4%)	1043 (6.7%)
3= Yes, same hospital unplanned	6 (2.8%)	889 (5.7%)
4= Yes, different hospital planned	-	68 (0.43%)
5= Yes, different hospital unplanned	-	68 (0.43%)
6= Unknown	1 (0.47%)	646 (4.1%)
Missing	9 (4.2%)	1059 (6.8%)

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

	<i>YOUR RESULTS</i>	<i>REFERENCE RESULTS</i>
1. What are your typical dietary habits?		
No special dietary habits	155 (49.2%)	12235 (71.0%)
I am vegetarian	51 (16.2%)	370 (2.1%)
I adhere to a vegan diet	-	132 (0.77%)
I eat gluten-free diet	1 (0.32%)	156 (0.91%)
I avoid added sugars	24 (7.6%)	2604 (15.1%)
I avoid carbohydrates	5 (1.6%)	1038 (6.0%)
I eat a low fat-diet	14 (4.4%)	1930 (11.2%)
I am lactose intolerant	1 (0.32%)	572 (3.3%)
Other special diet due to intolerances/allergies	4 (1.3%)	323 (1.9%)
Other	42 (13.3%)	1219 (7.1%)
No answer given	58 (18.4%)	337 (2.0%)
2. Where did you live before your current hospital admission?		
At home	245 (77.8%)	15276 (88.7%)
In a nursing home or other live-in facility	-	609 (3.5%)
I was transferred from another hospital	11 (3.5%)	883 (5.1%)
Other	-	268 (1.6%)
Missing	59 (18.7%)	185 (1.1%)
3. In general, are you able to walk?		
Yes	181 (57.5%)	11104 (64.5%)
Yes, with someone's help	59 (18.7%)	1762 (10.2%)
Yes, independently using a cane, walker, or crutches	5 (1.6%)	2412 (14.0%)
No, I have a wheelchair	2 (0.63%)	712 (4.1%)
No, I am bedridden	8 (2.5%)	988 (5.7%)
Missing	60 (19.0%)	243 (1.4%)
4. In general, how would you say your health is?		
Very good	8 (2.5%)	1252 (7.3%)
Good	120 (38.1%)	6191 (36.0%)
Fair	109 (34.6%)	6489 (37.7%)
Poor	18 (5.7%)	2490 (14.5%)
Very poor	1 (0.32%)	558 (3.2%)
Missing	59 (18.7%)	241 (1.4%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	4 [2-10]	5 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	2 [1-3]	1 [0-2]
... how many nights in total have you spent in hospital?	3 [1-10]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	59 (18.7%)	3323 (19.3%)
3-5	97 (30.8%)	4698 (27.3%)
More than 5	80 (25.4%)	5507 (32.0%)
None	17 (5.4%)	2633 (15.3%)
I do not know	1 (0.32%)	778 (4.5%)
Missing	61 (19.4%)	282 (1.6%)

7. Do you have health insurance?		
Yes, private insurance only	86 (27.3%)	2738 (15.9%)
Yes, public insurance only	48 (15.2%)	8466 (49.2%)
Yes, both	12 (3.8%)	2117 (12.3%)
None	88 (27.9%)	2268 (13.2%)
I prefer not to answer	19 (6.0%)	1018 (5.9%)
Missing	62 (19.7%)	614 (3.6%)

8. What was your weight 5 years ago?		
	68 [60-75]	72 [60-85]
I do not know	126 (40.0%)	4280 (24.9%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	7 (2.2%)	1639 (9.5%)
Yes, unintentionally	96 (30.5%)	6488 (37.7%)
No, my weight stayed the same	89 (28.3%)	5108 (29.7%)
No, I gained weight	47 (14.9%)	1894 (11.0%)
I do not know	71 (22.5%)	1680 (9.8%)
Missing	5 (1.6%)	412 (2.4%)

9b. If yes, how many kg did you lose?		
	5 [3-7]	6 [4-10]
I do not know	28 (27.2%)	1267 (15.6%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	145 (58.5%)	6721 (41.1%)

11. Please indicate if you ...		
... were weighed at admission	207 (82.1%)	9728 (57.2%)
... were informed about your nutrition status	229 (91.2%)	5774 (34.3%)
... were informed about nutrition care options	233 (92.8%)	5459 (32.5%)
... received special nutrition care	222 (88.4%)	5054 (30.1%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	11 (3.5%)	762 (4.5%)
Normal	188 (59.7%)	10449 (61.1%)
About 3/4 of normal	48 (15.2%)	1762 (10.3%)
About half of normal	48 (15.2%)	2122 (12.4%)

About a quarter to nearly nothing	18 (5.7%)	1571 (9.2%)
I do not know	2 (0.63%)	153 (0.89%)
Missing	-	286 (1.7%)

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

Very satisfied	63 (20.0%)	4212 (24.6%)
Somewhat satisfied	127 (40.3%)	5626 (32.9%)
Neutral	57 (18.1%)	3361 (19.6%)
Dissatisfied	2 (0.63%)	1441 (8.4%)
Very dissatisfied	-	491 (2.9%)
I do not know	6 (1.9%)	1415 (8.3%)
Missing	60 (19.0%)	559 (3.3%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	95 (30.2%)	1651 (9.7%)
Yes, from hospital staff	74 (23.5%)	1185 (6.9%)
No	78 (24.8%)	13278 (77.6%)
I do not know	5 (1.6%)	218 (1.3%)
Missing	63 (20.0%)	773 (4.5%)

15. Were you able to eat without interruption TODAY? (Yes)	173 (73.3%)	11891 (74.2%)
---	-------------	---------------

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

About all	140 (44.4%)	7871 (46.0%)
1/2	145 (46.0%)	4261 (24.9%)
1/4	14 (4.4%)	2226 (13.0%)
Nothing	13 (4.1%)	1992 (11.6%)
Missing	3 (0.95%)	755 (4.4%)

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

Standard	188 (59.7%)	11000 (64.3%)
Smaller	39 (12.4%)	1600 (9.4%)
Larger	6 (1.9%)	763 (4.5%)
I do not know	10 (3.2%)	1701 (9.9%)
Missing	72 (22.9%)	2041 (11.9%)

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

I did not like the type of food offered	12 (7.0%)	1293 (15.2%)
I did not like the smell/taste of the food	54 (31.4%)	996 (11.7%)
The food did not fit my cultural/religious preferences	3 (1.7%)	90 (1.1%)
The food was too hot	1 (0.58%)	38 (0.45%)
The food was too cold	3 (1.7%)	207 (2.4%)
Due to food allergy/intolerance	1 (0.58%)	53 (0.63%)
I was not hungry at that time	20 (11.6%)	1520 (17.9%)

I do not have my usual appetite	61 (35.5%)	2475 (29.2%)
I have problems chewing/swallowing	20 (11.6%)	478 (5.6%)
I normally eat less than what was served	22 (12.8%)	969 (11.4%)
I had nausea/vomiting	45 (26.2%)	637 (7.5%)
I was too tired	23 (13.4%)	506 (6.0%)
I cannot eat without help	2 (1.2%)	141 (1.7%)
I was not allowed to eat	7 (4.1%)	869 (10.2%)
I had an exam, surgery, or test and missed my meal	1 (0.58%)	469 (5.5%)
I did not get requested food	-	93 (1.1%)
No answer given	9 (5.2%)	1161 (13.7%)

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

Water	6 [4-8]	3 [2-5]
Tea	2 [1-2]	1 [1-3]
Coffee	0 [0-1]	1 [1-2]
Milk	2 [1-2]	1 [0-1]
Fruit juice	1 [0-2]	1 [0-2]
Soft drinks	0 [0-0]	0 [0-1]
Nutrition drink	2 [1-4]	0 [0-1]
Other	0 [0-1]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? 94 (38.8%) 4518 (28.8%)

19b. If yes, what did you eat?

Sweet snacks	1 (1.1%)	1302 (28.8%)
Salty snacks	4 (4.3%)	512 (11.3%)
Homemade food	24 (25.5%)	703 (15.6%)
Fruits	62 (66.0%)	1730 (38.3%)
Dairy products	5 (5.3%)	471 (10.4%)
Food delivered/restaurant	-	191 (4.2%)
Sandwich	3 (3.2%)	282 (6.2%)
Other	6 (6.4%)	724 (16.0%)

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

Increased	95 (30.2%)	2508 (14.7%)
Decreased	38 (12.1%)	5344 (31.2%)
Stayed the same	115 (36.5%)	7154 (41.8%)
I do not know	5 (1.6%)	1188 (6.9%)
Missing	62 (19.7%)	911 (5.3%)

21. TODAY I feel...

Stronger than at admission	127 (40.3%)	7275 (42.5%)
Weaker than at admission	38 (12.1%)	3158 (18.5%)
Same as at admission	128 (40.6%)	4825 (28.2%)

I was admitted today	17 (5.4%)	465 (2.7%)
I do not know	4 (1.3%)	926 (5.4%)
Missing	1 (0.32%)	456 (2.7%)

22. Can you walk without assistance TODAY?

Yes	204 (64.8%)	10229 (59.8%)
No, only with assistance	89 (28.3%)	4164 (24.3%)
No, I stay in bed	15 (4.8%)	1821 (10.6%)
Missing	7 (2.2%)	891 (5.2%)

23. Did anyone help you complete this questionnaire?	180 (70.9%)	10837 (65.0%)
---	-------------	---------------

V. Oncology: Unit organisation and structures ("Sheet 1 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	4	255
Computerized system in hospital:	4 units (100%) YES	243 units (95%) YES
Nutritional treatment of cancer patients is part of overall care plan	4 units (100%) YES	225 units (88%) YES
Nutritional treatment is considered...		
Routinely	4 (100%)	153 (60,0%)
When patient asks	-	62 (24,3%)
When body weight loss > 10%	2 (50,0%)	72 (28,2%)
During palliative phase	2 (50,0%)	62 (24,3%)
Other	-	14 (5,49%)
Missing	-	26 (10,2%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	-	10 (3,92%)
No knowledge of the field	-	9 (3,53%)
No reimbursement	-	8 (3,14%)
It feeds the tumour	-	2 (0,78%)
Other	1 (25,0%)	9 (3,53%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	4 (100%)	166 (65,1%)
Calculation of energy needs	4 (100%)	181 (71,0%)
Monitoring patients intake and use of oral supplements	4 (100%)	219 (85,9%)
None	-	7 (2,75%)
Other	-	12 (4,71%)
Missing	-	5 (1,96%)
Nutritional therapy is not used due to		
Lack of evidence	-	3 (1,18%)
Lack of experience	-	7 (2,75%)
No reimbursement	-	3 (1,18%)
Lack of dietitians	-	12 (4,71%)
Lack of other experts	-	3 (1,18%)
Other	1 (25,0%)	5 (1,96%)
Missing	-	1 (0,39%)
Assessment of parameters in cancer patients & methods used:		
Anthropometry/Body composition:		

Body weight

Regularly	2 (50,0%)	175 (68,6%)
At chemotherapy	2 (50,0%)	34 (13,3%)
When necessary	-	36 (14,1%)
Never	-	4 (1,57%)
Unknown	-	3 (1,18%)
Missing	-	3 (1,18%)

Anthropometrics (circumference)

Regularly	2 (50,0%)	33 (12,9%)
At chemotherapy	1 (25,0%)	6 (2,35%)
When necessary	1 (25,0%)	95 (37,3%)
Never	-	106 (41,6%)
Unknown	-	5 (1,96%)
Missing	-	10 (3,92%)

BIA

Regularly	-	8 (3,14%)
At chemotherapy	-	3 (1,18%)
When necessary	3 (75,0%)	68 (26,7%)
Never	1 (25,0%)	156 (61,2%)
Unknown	-	9 (3,53%)
Missing	-	11 (4,31%)

CT SCAN

Regularly	-	12 (4,71%)
At chemotherapy	-	2 (0,78%)
When necessary	3 (75,0%)	71 (27,8%)
Never	1 (25,0%)	149 (58,4%)
Unknown	-	11 (4,31%)
Missing	-	10 (3,92%)

DEXA

Regularly	-	3 (1,18%)
At chemotherapy	-	2 (0,78%)
When necessary	3 (75,0%)	44 (17,3%)
Never	1 (25,0%)	175 (68,6%)
Unknown	-	17 (6,67%)
Missing	-	14 (5,49%)

Other (body composition)

Regularly	2 (50,0%)	5 (1,96%)
At chemotherapy	1 (25,0%)	1 (0,39%)
When necessary	-	34 (13,3%)

Never	1 (25,0%)	84 (32,9%)
Unknown	-	39 (15,3%)
Missing	-	92 (36,1%)

Body function:

Handgrip

Regularly	2 (50,0%)	12 (4,71%)
At chemotherapy	1 (25,0%)	6 (2,35%)
When necessary	-	77 (30,2%)
Never	1 (25,0%)	136 (53,3%)
Unknown	-	10 (3,92%)
Missing	-	14 (5,49%)

6-minutes walking test

Regularly	2 (50,0%)	7 (2,75%)
At chemotherapy	-	4 (1,57%)
When necessary	1 (25,0%)	65 (25,5%)
Never	1 (25,0%)	149 (58,4%)
Unknown	-	12 (4,71%)
Missing	-	18 (7,06%)

Other (body function)

Regularly	1 (25,0%)	11 (4,31%)
At chemotherapy	-	1 (0,39%)
When necessary	-	44 (17,3%)
Never	1 (25,0%)	99 (38,8%)
Unknown	-	36 (14,1%)
Missing	2 (50,0%)	64 (25,1%)

Nutritional requirements, calculated

Regularly	3 (75,0%)	78 (30,6%)
At chemotherapy	1 (25,0%)	1 (0,39%)
When necessary	-	127 (49,8%)
Never	-	14 (5,49%)
Unknown	-	3 (1,18%)
Missing	-	32 (12,5%)

Nutritional intake:

Every meal

Regularly	2 (50,0%)	73 (28,6%)
At chemotherapy	1 (25,0%)	2 (0,78%)
When necessary	-	107 (42,0%)
Never	-	26 (10,2%)
Unknown	-	13 (5,10%)

Missing	1 (25,0%)	34 (13,3%)
1 meal per day		
Regularly	2 (50,0%)	20 (7,84%)
At chemotherapy	1 (25,0%)	2 (0,78%)
When necessary	-	82 (32,2%)
Never	-	49 (19,2%)
Unknown	-	17 (6,67%)
Missing	1 (25,0%)	85 (33,3%)
2 meals per day		
Regularly	2 (50,0%)	20 (7,84%)
At chemotherapy	1 (25,0%)	-
When necessary	-	80 (31,4%)
Never	-	51 (20,0%)
Unknown	-	16 (6,27%)
Missing	1 (25,0%)	88 (34,5%)
24h recall		
Regularly	3 (75,0%)	53 (20,8%)
At chemotherapy	1 (25,0%)	6 (2,35%)
When necessary	-	89 (34,9%)
Never	-	34 (13,3%)
Unknown	-	14 (5,49%)
Missing	-	59 (23,1%)
Other (nutritional intake)		
Regularly	-	6 (2,35%)
At chemotherapy	1 (25,0%)	1 (0,39%)
When necessary	-	38 (14,9%)
Never	-	49 (19,2%)
Unknown	-	37 (14,5%)
Missing	3 (75,0%)	124 (48,6%)
Questionnaire completed by		
Dietitian	4 (100%)	110 (43,1%)
Nurse	-	66 (25,9%)
Physician	-	59 (23,1%)
Nutritional scientist	-	14 (5,49%)
Other	-	1 (0,39%)
Missing	-	5 (1,96%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	86	2506
Demographic data:		
Age (years)	57 [18-86]	65 [18-96]
Female gender	48 (55,8%)	1093 (43,6%)
Weight (kg)	60,2 ± 12,4	66,5 ± 17,5
Height (cm)	159,9 ± 8,6	166,0 ± 10,1
BMI (kg/m ²)	23,6 ± 4,4	24,0 ± 5,0
Outpatient (o)/Ward (w)		
Outpatient(o)	14 (16,3%)	142 (5,67%)
Ward (w)	72 (83,7%)	2340 (93,4%)
Missing	-	24 (0,96%)
Goal of Therapy		
Curative	57 (66,3%)	1449 (57,8%)
Palliative	23 (26,7%)	849 (33,9%)
Terminal	1 (1,16%)	122 (4,87%)
Missing	5 (5,81%)	86 (3,43%)
Reason for admission		
Clinical diagnostics	4 (4,65%)	295 (11,8%)
Therapy	78 (90,7%)	1236 (49,3%)
Surgery related	4 (4,65%)	492 (19,6%)
Treatment complications	1 (1,16%)	267 (10,7%)
Poor health status	1 (1,16%)	334 (13,3%)
Independent care difficult	-	22 (0,88%)
Missing	-	-
Present cancer diagnosis		
Breast	22 (25,6%)	162 (6,46%)
Colon, rectum	10 (11,6%)	417 (16,6%)
Prostate	3 (3,49%)	65 (2,59%)
Lung	3 (3,49%)	237 (9,46%)
Skin	1 (1,16%)	19 (0,76%)
Kidney/bladder	1 (1,16%)	94 (3,75%)
Gastric/oesophageal	10 (11,6%)	291 (11,6%)
Pancreas	1 (1,16%)	123 (4,91%)
Lymphoma	5 (5,81%)	246 (9,82%)
Ears nose throat (ENT)	-	109 (4,35%)
Leukaemia	7 (8,14%)	205 (8,18%)
Genital tract	4 (4,65%)	107 (4,27%)

Liver	-	189 (7,54%)
Sarcoma	1 (1,16%)	27 (1,08%)
Brain	-	37 (1,48%)
Testicular	-	9 (0,36%)
Other	21 (24,4%)	229 (9,14%)
Missing	-	51 (2,04%)

Time since diagnosis

0-2 months	7 (8,14%)	811 (32,4%)
3-5 months	12 (14,0%)	426 (17,0%)
6-12 months	44 (51,2%)	398 (15,9%)
1-2 years	20 (23,3%)	333 (13,3%)
2-4 years	3 (3,49%)	214 (8,54%)
> 4 years	-	208 (8,30%)
Missing	-	86 (3,43%)

Cancer staging

0=Carcinoma in situ	13 (15,1%)	103 (4,11%)
I=Localized	18 (20,9%)	503 (20,1%)
II=Early locally advanced	29 (33,7%)	487 (19,4%)
III=Late locally advanced	8 (9,30%)	370 (14,8%)
IV=Metastasised	12 (14,0%)	704 (28,1%)
Missing	6 (6,98%)	339 (13,5%)

Time since first therapy start

No therapy	2 (2,33%)	238 (9,50%)
Tumour staging/diagnosis	21 (24,4%)	221 (8,82%)
0-2 months	8 (9,30%)	747 (29,8%)
3-5 months	15 (17,4%)	342 (13,6%)
6-12 months	40 (46,5%)	360 (14,4%)
1-2 years	19 (22,1%)	265 (10,6%)
2-4 years	1 (1,16%)	166 (6,62%)
> 4 years	-	191 (7,62%)
Missing	-	69 (2,75%)

Therapy situation

Diagnosis	4 (4,65%)	248 (9,90%)
Chemotherapy 1st line	39 (45,3%)	541 (21,6%)
Chemotherapy > 1st line	35 (40,7%)	420 (16,8%)
Radiotherapy	7 (8,14%)	229 (9,14%)
Target therapy	-	77 (3,07%)
Hormone therapy	1 (1,16%)	22 (0,88%)
Palliative	4 (4,65%)	249 (9,94%)
Surgery	6 (6,98%)	681 (27,2%)

Cancer related complications	1 (1,16%)	187 (7,46%)
Therapy related complications	1 (1,16%)	101 (4,03%)
Missing	2 (2,33%)	71 (2,83%)

Infections

None	29 (33,7%)	1857 (74,1%)
Local	33 (38,4%)	352 (14,0%)
General	24 (27,9%)	215 (8,58%)
Missing	-	82 (3,27%)

Nutrition Treatment

No special diet	1 (1,16%)	1058 (42,2%)
Individualized diet plan	79 (91,9%)	709 (28,3%)
Energy rich/protein rich ONS	53 (61,6%)	443 (17,7%)
Enteral nutrition (via NGT/PEG)	3 (3,49%)	131 (5,23%)
Parenteral nutrition	1 (1,16%)	279 (11,1%)
ONS enriched with special nutrients	16 (18,6%)	72 (2,87%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	2 (2,33%)	39 (1,56%)
Personal preferences	20 (23,3%)	208 (8,30%)
Counselling	57 (66,3%)	237 (9,46%)
Other	1 (1,16%)	129 (5,15%)
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	2484
Body weight prior to becoming ill	62 [42-110]	70 [22-180]
Actual body weight	59 [35-102]	64 [21-175]
Change in weight was		
Intentional	1 (1,16%)	99 (3,95%)
Unintentional	73 (84,9%)	1609 (64,2%)
Weight is stable	9 (10,5%)	389 (15,5%)
Missing	-	84 (3,35%)
During the last week		
Patients who have had pain:		
Not at all	3 (3,49%)	828 (33,0%)
A little	69 (80,2%)	711 (28,4%)
Quite a bit	11 (12,8%)	469 (18,7%)
Very much	3 (3,49%)	265 (10,6%)
Missing	-	198 (7,90%)
Patients who needed a rest:		
Not at all	1 (1,16%)	560 (22,3%)
A little	60 (69,8%)	694 (27,7%)
Quite a bit	20 (23,3%)	606 (24,2%)
Very much	5 (5,81%)	394 (15,7%)
Missing	-	212 (8,46%)
Patients who felt weak:		
Not at all	1 (1,16%)	543 (21,7%)
A little	55 (64,0%)	715 (28,5%)
Quite a bit	25 (29,1%)	605 (24,1%)
Very much	5 (5,81%)	407 (16,2%)
Missing	-	203 (8,10%)
Patients who felt depressed:		
Not at all	2 (2,33%)	900 (35,9%)
A little	43 (50,0%)	776 (31,0%)
Quite a bit	39 (45,3%)	359 (14,3%)
Very much	2 (2,33%)	208 (8,30%)
Missing	-	207 (8,26%)
Patients who were tired:		

Not at all	1 (1,16%)	558 (22,3%)
A little	41 (47,7%)	769 (30,7%)
Quite a bit	38 (44,2%)	563 (22,5%)
Very much	3 (3,49%)	376 (15,0%)
Missing	3 (3,49%)	204 (8,14%)

Patients whose pain interfered with their daily activities:

Not at all	1 (1,16%)	953 (38,0%)
A little	47 (54,7%)	567 (22,6%)
Quite a bit	35 (40,7%)	418 (16,7%)
Very much	3 (3,49%)	300 (12,0%)
Missing	-	221 (8,82%)

Patients who lacked appetite:

Not at all	1 (1,16%)	881 (35,2%)
A little	49 (57,0%)	617 (24,6%)
Quite a bit	32 (37,2%)	431 (17,2%)
Very much	3 (3,49%)	322 (12,8%)
Missing	1 (1,16%)	218 (8,70%)

Just now

Patients who have pain:

Not at all	2 (2,33%)	993 (39,6%)
A little	53 (61,6%)	814 (32,5%)
Quite a bit	26 (30,2%)	359 (14,3%)
Very much	5 (5,81%)	106 (4,23%)
Missing	-	205 (8,18%)

Patients who need a rest:

Not at all	-	513 (20,5%)
A little	53 (61,6%)	832 (33,2%)
Quite a bit	26 (30,2%)	605 (24,1%)
Very much	7 (8,14%)	307 (12,3%)
Missing	-	210 (8,38%)

Patients who feel weak:

Not at all	1 (1,16%)	562 (22,4%)
A little	41 (47,7%)	807 (32,2%)
Quite a bit	37 (43,0%)	594 (23,7%)
Very much	7 (8,14%)	296 (11,8%)
Missing	-	210 (8,38%)

Patients who are depressed:

Not at all	2 (2,33%)	1027 (41,0%)
------------	-----------	--------------

A little	39 (45,3%)	763 (30,4%)
Quite a bit	42 (48,8%)	321 (12,8%)
Very much	2 (2,33%)	140 (5,59%)
Missing	1 (1,16%)	209 (8,34%)

Patients who are tired:

Not at all	-	606 (24,2%)
A little	45 (52,3%)	871 (34,8%)
Quite a bit	37 (43,0%)	496 (19,8%)
Very much	4 (4,65%)	280 (11,2%)
Missing	-	215 (8,58%)

Patients whose pain interferes with their daily activities:

Not at all	-	961 (38,3%)
A little	41 (47,7%)	631 (25,2%)
Quite a bit	40 (46,5%)	418 (16,7%)
Very much	3 (3,49%)	233 (9,30%)
Missing	2 (2,33%)	221 (8,82%)

Patients who lack appetite:

Not at all	-	907 (36,2%)
A little	46 (53,5%)	637 (25,4%)
Quite a bit	36 (41,9%)	430 (17,2%)
Very much	4 (4,65%)	278 (11,1%)
Missing	-	217 (8,66%)

Reasons for change in appetite/food intake

Nausea/Vomiting	53 (61,6%)	434 (17,3%)
Inflammation in mouth	3 (3,49%)	145 (5,79%)
Pain	14 (16,3%)	332 (13,2%)
Constipation	4 (4,65%)	197 (7,86%)
Diarrhea	5 (5,81%)	129 (5,15%)
Change in taste/smell	42 (48,8%)	326 (13,0%)
Early satiation/Loss of appetite	13 (15,1%)	604 (24,1%)
Other	5 (5,81%)	427 (17,0%)
Missing	-	93 (3,71%)

Maximum activity performed by patients

Able to do sports	-	96 (3,83%)
Fully active	-	356 (14,2%)
Able to carry out light activities	36 (41,9%)	508 (20,3%)
Able to carry out self care	33 (38,4%)	623 (24,9%)
Able to carry out limited self care	10 (11,6%)	371 (14,8%)
Confined to bed or chair	6 (6,98%)	333 (13,3%)

Missing	1 (1,16%)	196 (7,82%)
Patient takes additional (without prescription)		
Nothing	76 (88,4%)	1595 (63,6%)
Herbal tea	1 (1,16%)	237 (9,46%)
Nutritional supplements	7 (8,14%)	214 (8,54%)
Multivitamin	-	81 (3,23%)
Other medication	-	92 (3,67%)
Other	1 (1,16%)	127 (5,07%)
Missing	2 (2,33%)	253 (10,1%)
Additional activities performed		
Nothing	68 (79,1%)	1750 (69,8%)
Psychotherapy	1 (1,16%)	53 (2,11%)
Yoga	1 (1,16%)	25 (1,00%)
Meditation	7 (8,14%)	103 (4,11%)
Progressive muscle relaxation	-	40 (1,60%)
Qigong	-	8 (0,32%)
Other	6 (6,98%)	261 (10,4%)
Missing	4 (4,65%)	300 (12,0%)
Patients having difficulties in complying with treatment	38 (44,2%)	542 (21,6%)
Patients needing help to complete questionnaire	50 (58,1%)	1313 (52,4%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	84 (97,7%)	1505 (60,1%)