



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2016 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:	12
Number of patients:	152
Number of patients who gave consent:	152
Number of patients completing Sheet 3a:	152
Number of patients completing Sheet 3b:	152
Number of cancer patients:	51
Number of patients completing Sheet 2_onco:	76
Number of patients completing Sheet 3_onco:	76
Number of patients with 30-day outcome assessment:	141

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 2017. 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	245 [138-855]	305 [180-526]
2. Total number of admissions in the hospital last year	6713 [3857-27886]	17891 [8741-38415]
3. Total number of staff in the hospital		
Total medical doctors	61 [36-379]	162 [65-328]
Medical specialists	50 [29-346]	108 [44-210]
Medical non-specialists	11 [7-33]	35 [12-81]
Nurses	190 [111-582]	346 [124-710]
Dieticians	1 [1-1]	4 [1-8]
Nutritionists	1 [0-1]	1 [0-4]
Pharmacists	1 [1-5]	6 [3-14]
Kitchen staff	8 [5-47]	28 [11-55]
Full time equivalent		
Total medical doctors	10 [10-10]	126 [56-296]
Medical specialists	8 [8-8]	88 [44-210]
Medical non-specialists	2 [2-2]	33 [11-83]
Nurses	190 [111-582]	317 [123-726]
Dieticians	1 [1-1]	4 [1-7]
Nutritionists	1 [1-1]	1 [0-4]
Pharmacists	1 [1-1]	5 [2-11]
Kitchen staff	2 [2-2]	25 [12-50]
4. Does the hospital have a nutrition care strategy?	-	269 (76.0%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	3 (100%) Yes	226 (63.8%) Yes
Nutrition steering committee is available	-	207 (58.5%) Yes
Quality indicators are recorded and reported to national or regional level	-	139 (39.3%) Yes
Quality indicators are used for internal benchmarking	-	171 (48.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	-	250 (70.6%) Yes
None	-	30 (8.5%) Yes
No answer given	-	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	1 (33.3%) Yes	175 (49.4%) Yes
Oral nutrition supplements	1 (33.3%) Yes	141 (39.8%) Yes

Parenteral nutrition	1 (33.3%) Yes	202 (57.1%) Yes
Enteral nutrition	-	167 (47.2%) Yes
Dietary counseling	-	120 (33.9%) Yes
Specific dietary interventions	-	104 (29.4%) Yes
Screening for malnutrition	-	88 (24.9%) Yes
Risk of malnutrition	-	90 (25.4%) Yes
Malnutrition (in general)	-	170 (48.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	-	154 (43.5%) Yes
No information available from billing/finance/controlling	1 (33.3%) Yes	55 (15.5%) Yes
No answer given	-	28 (7.9%)

Codes routinely used

Nutrition Support	1 (33.3%) Yes	139 (39.3%) Yes
Oral nutrition supplements	1 (33.3%) Yes	111 (31.4%) Yes
Parenteral nutrition	1 (33.3%) Yes	177 (50.0%) Yes
Enteral nutrition	-	145 (41.0%) Yes
Dietary counseling	-	88 (24.9%) Yes
Specific dietary interventions	-	84 (23.7%) Yes
Screening for malnutrition	-	68 (19.2%) Yes
Risk of malnutrition	-	61 (17.2%) Yes
Malnutrition (in general)	-	138 (39.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	-	126 (35.6%) Yes
No information available from billing/finance/controlling	2 (66.7%) Yes	68 (19.2%) Yes
No answer given	-	42 (11.9%)

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	-	92 (20.0%)
Internal Medicine / Cardiology	-	26 (5.7%)
Internal Medicine / Gastroenterology & hepatology	-	31 (6.8%)
Internal Medicine / Geriatrics	-	37 (8.1%)
Internal Medicine / Infectious diseases	-	5 (1.1%)
Internal Medicine / Nephrology	-	5 (1.1%)
Internal Medicine / Oncology (incl. radiotherapy)	1 (8.3%)	35 (7.6%)
Interdisciplinary	-	21 (4.6%)
Long term care	-	7 (1.5%)
Neurology	-	14 (3.1%)
Surgery / General	10 (83.3%)	82 (17.9%)
Surgery/ Cardiac/Vascular/Thoracic	-	6 (1.3%)
Surgery / Neurosurgery	-	4 (0.9%)
Surgery / Orthopedic	-	19 (4.1%)
Trauma	-	7 (1.5%)
Ear Nose Throat (ENT)	-	7 (1.5%)
Gynecology / Obstetrics	-	10 (2.2%)
Pediatrics	-	-
Psychiatry	-	3 (0.7%)
Others	1 (8.3%)	48 (10.5%)
2. Number of registered inpatients at noon	19 [15-26]	24 [17-35]
3. Total bed capacity of the unit	27 [21-28]	31 [25-44]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	5 [4-6]	4 [2-8]
Nurses	6 [5-6]	5 [4-8]
Nursing aides	0 [0-0]	2 [1-4]
Dieticians	0 [0-0]	1 [0-1]
Nutritionists	0 [0-0]	0 [0-1]
Administrative staff	0 [0-0]	1 [0-2]
Other staff involved in patient care	0 [0-0]	1 [0-3]
In training		
Medical doctors	2 [1-2]	1 [0-3]
Medical students	1 [0-1]	1 [0-2]
Nurses	0 [0-0]	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	0 [0-0]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 3 (25.0%) Yes 323 (73.6%) Yes

6. Does the unit have a nutrition care strategy? 7 (58.3%) Yes 316 (72.0%) Yes

7. Is there a person in your unit responsible for nutrition care? 4 (33.3%) Yes 317 (72.2%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 7 (58.3%) Yes 395 (90.0%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 11 (91.7%) Yes 268 (61.0%) Yes

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

At admission

No routine screening	-	45 (9.8%) Yes
No fixed criteria	-	10 (2.2%) Yes
Experience / visual assessment only	7 (58.3%) Yes	43 (9.4%) Yes
Weighing / BMI only	5 (41.7%) Yes	66 (14.4%) Yes
Nutritional Risk Screening (NRS) 2002	-	131 (28.5%) Yes
Malnutrition Universal Screening Tool (MUST)	-	28 (6.1%) Yes
Malnutrition Screening tool (MST)	-	42 (9.2%) Yes
SNAQ	-	2 (0.44%) Yes
Other formal tool	-	70 (15.3%) Yes
I do not know	-	2 (0.44%) Yes
Missing	-	20 (4.4%)

During hospital stay

No routine monitoring	1 (8.3%) Yes	43 (9.4%) Yes
No fixed criteria	1 (8.3%) Yes	44 (9.6%) Yes
Experience / visual assessment only	8 (66.7%) Yes	90 (19.6%) Yes
Weighing / BMI only	2 (16.7%) Yes	132 (28.8%) Yes
Other formal tool	-	121 (26.4%) Yes
I do not know	-	9 (2.0%) Yes
Missing	-	20 (4.4%)

11a. Do you routinely use guidelines or standards for nutrition care? 4 (33.3%) Yes 343 (78.7%) Yes

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

International guidelines	-	86 (25.1%) Yes
National guidelines	-	56 (16.3%) Yes
Standards on hospital level	-	115 (33.5%) Yes
Standards on unit level	3 (75.0%) Yes	23 (6.7%) Yes
Individual patient nutrition care plans	1 (25.0%) Yes	56 (16.3%) Yes
Other	-	4 (1.2%) Yes
Missing	-	3 (0.87%)

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

Watchful waiting	7 (58.3%) Yes	139 (30.3%) Yes
Discuss nutrition care activities during ward rounds	6 (50.0%) Yes	192 (41.8%) Yes
Develop an individual nutrition care plan	8 (66.7%) Yes	246 (53.6%) Yes
Initiate treatment / nutrition intervention	7 (58.3%) Yes	277 (60.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	9 (75.0%) Yes	285 (62.1%) Yes
Consult a medical professional	9 (75.0%) Yes	172 (37.5%) Yes
Calculate energy requirements	4 (33.3%) Yes	232 (50.5%) Yes
Calculate protein requirements	3 (25.0%) Yes	226 (49.2%) Yes

Malnourished

Watchful waiting	5 (41.7%) Yes	98 (21.4%) Yes
Discuss nutrition care activities during ward rounds	6 (50.0%) Yes	208 (45.3%) Yes
Develop an individual nutrition care plan	8 (66.7%) Yes	258 (56.2%) Yes
Initiate treatment / nutrition intervention	10 (83.3%) Yes	304 (66.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	8 (66.7%) Yes	284 (61.9%) Yes
Consult a medical professional	8 (66.7%) Yes	183 (39.9%) Yes
Calculate energy requirements	7 (58.3%) Yes	261 (56.9%) Yes
Calculate protein requirements	4 (33.3%) Yes	257 (56.0%) Yes

Every patient

Watchful waiting	4 (33.3%) Yes	193 (42.0%) Yes
Discuss nutrition care activities during ward rounds	-	126 (27.5%) Yes
Develop an individual nutrition care plan	2 (16.7%) Yes	74 (16.1%) Yes
Initiate treatment / nutrition intervention	2 (16.7%) Yes	57 (12.4%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	73 (15.9%) Yes
Consult a medical professional	3 (25.0%) Yes	101 (22.0%) Yes
Calculate energy requirements	-	50 (10.9%) Yes
Calculate protein requirements	-	44 (9.6%) Yes

Never

Watchful waiting	1 (8.3%) Yes	34 (7.4%) Yes
Discuss nutrition care activities during ward rounds	3 (25.0%) Yes	38 (8.3%) Yes

Develop an individual nutrition care plan	1 (8.3%) Yes	31 (6.8%) Yes
Initiate treatment / nutrition intervention	-	6 (1.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (8.3%) Yes	8 (1.7%) Yes
Consult a medical professional	-	49 (10.7%) Yes
Calculate energy requirements	2 (16.7%) Yes	50 (10.9%) Yes
Calculate protein requirements	4 (33.3%) Yes	54 (11.8%) Yes

I do not know

Watchful waiting	3 (25.0%) Yes	20 (4.4%) Yes
Discuss nutrition care activities during ward rounds	2 (16.7%) Yes	10 (2.2%) Yes
Develop an individual nutrition care plan	1 (8.3%) Yes	5 (1.1%) Yes
Initiate treatment / nutrition intervention	1 (8.3%) Yes	4 (0.87%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	4 (0.87%) Yes
Consult a medical professional	1 (8.3%) Yes	18 (3.9%) Yes
Calculate energy requirements	3 (25.0%) Yes	11 (2.4%) Yes
Calculate protein requirements	3 (25.0%) Yes	13 (2.8%) Yes

13. When do you routinely weigh your patients?

at admission	5 (41.7%) Yes	291 (63.4%) Yes
Within 24 hours	-	64 (13.9%) Yes
Within 48 hours	-	20 (4.4%) Yes
Within 72 hours	-	13 (2.8%) Yes
Every week	1 (8.3%) Yes	152 (33.1%) Yes
Occasionally	7 (58.3%) Yes	59 (12.9%) Yes
When requested	3 (25.0%) Yes	207 (45.1%) Yes
At discharge	-	20 (4.4%) Yes
Never	1 (8.3%) Yes	8 (1.7%) Yes
I do not know	-	1 (0.22%) Yes
No answer given	3 (5.0%)	22 (4.8%)

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

Offer additional meals or in between snacks	5 (41.7%) Yes	338 (73.6%) Yes
Offer meal choices	5 (41.7%) Yes	336 (73.2%) Yes
Offer different portion sizes	2 (16.7%) Yes	282 (61.4%) Yes
Consider food presentation	1 (8.3%) Yes	192 (41.8%) Yes
Change food texture/consistency as needed	8 (66.7%) Yes	376 (81.9%) Yes
Consider patient problems with eating and drinking	7 (58.3%) Yes	372 (81.0%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	1 (8.3%) Yes	51 (11.1%) Yes
Promote positive eating environment	2 (16.7%) Yes	82 (17.9%) Yes
Consider cultural/religious preferences	3 (25.0%) Yes	188 (41.0%) Yes
Consider patient allergies / intolerances	4 (33.3%) Yes	214 (46.6%) Yes
Other	2 (16.7%) Yes	29 (6.3%) Yes
I do not know	-	6 (1.3%) Yes
No answer given	-	20 (4.4%)

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

Nutrition training is available	6 (50.0%) Yes	257 (56.0%) Yes
Reporting of nutrition related information to hospital managers	-	201 (43.8%) Yes
Quality indicators are recorded and reported to national or regional level	-	123 (26.8%) Yes
Quality indicators are used for internal benchmarking	1 (8.3%) Yes	166 (36.2%) Yes
Patient feedback about food and food service is collected using a questionnaire	5 (41.7%) Yes	291 (63.4%) Yes
None	3 (25.0%) Yes	21 (4.6%) Yes
I do not know	-	11 (2.4%) Yes
No answer given	-	36 (7.8%)

16. At admission what is asked and documented?

Change in weight	11 (91.7%) Yes	358 (78.0%) Yes
Eating habits/difficulties	9 (75.0%) Yes	336 (73.2%) Yes
Nutrition before admission	6 (50.0%) Yes	260 (56.6%) Yes
None	-	9 (2.0%) Yes
I do not know	-	5 (1.1%) Yes
No answer given	-	38 (8.3%)

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	4 (33.3%) Yes	323 (70.4%) Yes
nutrition treatment	5 (41.7%) Yes	270 (58.8%) Yes
None	2 (16.7%) Yes	30 (6.5%) Yes
I do not know	5 (41.7%) Yes	270 (58.8%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	4 (33.3%) Yes	162 (35.3%) Yes
makes future nutrition-related recommendations	9 (75.0%) Yes	258 (56.2%) Yes
None	2 (16.7%) Yes	56 (12.2%) Yes
I do not know	-	23 (5.0%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	4 (33.3%) Yes	162 (43.9%) Yes
---	---------------	-----------------

19. Who filled in this sheet?

Head staff	-	117 (25.5%) Yes
Dietician	-	236 (51.4%) Yes
Nurse	8 (66.7%) Yes	124 (27.0%) Yes
Physician	8 (66.7%) Yes	72 (15.7%) Yes
Administrative staff	-	4 (0.87%) Yes

Other	-	7 (1.5%) Yes
None	-	-
I do not know	-	3 (0.65%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	152	8743
Age	62 [53-70]	67 [53-78]
Female	65 (42.8%)	4410 (50.4%)
Weight	75.7±15.5	69.1±18.8
Height	172±10	164±10
BMI	25.4±4.3	25.5±6.0

1. This hospital admission was...

planned	133 (87.5%)	3052 (34.9%)
an emergency	19 (12.5%)	5037 (57.6%)
I do not know	-	654 (7.5%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	1 (0.66%)	801 (9.2%)
0200 Neoplasms	74 (48.7%)	1381 (15.8%)
0300 Blood and bloodforming organs and the immune mechanism	4 (2.6%)	578 (6.6%)
0400 Endocrine, nutritional and metabolic diseases	11 (7.2%)	1043 (11.9%)
0500 Mental health	2 (1.3%)	333 (3.8%)
0600 Nervous system	4 (2.6%)	762 (8.7%)
0700 Eye and adnexa	1 (0.66%)	131 (1.5%)
0800 Ear and mastoid process	1 (0.66%)	70 (0.80%)
0900 Circulatory system	29 (19.1%)	1723 (19.7%)
1000 Respiratory system	4 (2.6%)	1358 (15.5%)
1100 Digestive system	91 (59.9%)	2210 (25.3%)
1200 Skin and subcutaneous tissue	1 (0.66%)	424 (4.8%)
1300 Musculoskeletal system and connective tissue	5 (3.3%)	1276 (14.6%)
1400 Genitourinary system	27 (17.8%)	809 (9.3%)
1500 Pregnancy, childbirth and the puerperium	-	123 (1.4%)
1600 Conditions originating in the perinatal period	-	21 (0.24%)
1700 Congenital/chromosomal abnormalities	-	9 (0.10%)
1800 Symptoms, signs, abnormal clinical/lab findings	10 (6.6%)	391 (4.5%)
1900 Injury, poisoning	1 (0.66%)	276 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	1 (0.66%)	156 (1.8%)
2100 Factors influencing health status and contact with health services	-	210 (2.4%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	12 (8.5%)	1569 (22.2%)
-----------------------	-----------	--------------

Myocardial infarction	11 (7.7%)	394 (5.8%)
Chronic lung disease	13 (9.2%)	1080 (15.5%)
Cerebral vascular disease	22 (15.2%)	745 (10.9%)
Peripheral vascular disease	21 (14.9%)	869 (12.6%)
Chronic liver disease	10 (7.0%)	441 (6.5%)
Chronic kidney disease	11 (7.9%)	821 (11.9%)
Diabetes	20 (14.1%)	1899 (26.8%)
Cancer	51 (35.7%)	1733 (24.8%)
Infection	10 (7.1%)	1103 (15.8%)
Dementia	-	374 (5.5%)
Major depressive disorder	2 (1.4%)	377 (5.6%)
Other chronic mental disorder	5 (3.5%)	378 (5.6%)
Other chronic disease	34 (24.1%)	1968 (27.8%)
None	28 (18.4%)	1394 (15.9%)

4a. Previous operation during this hospital stay

Yes, planned	66 (43.4%)	1743 (19.9%)
Yes, acute	3 (2.0%)	539 (6.2%)
No	75 (49.3%)	6145 (70.3%)
I do not know	-	126 (1.4%)
Missing	8 (5.3%)	190 (2.2%)

Days since operation	2 [1-7]	4 [1-13]
----------------------	---------	----------

4b. Planned operation during this hospital stay

Yes, today or tomorrow	7 (4.6%)	738 (8.4%)
Yes, later	52 (34.2%)	513 (5.9%)
No	78 (51.3%)	6496 (74.3%)
I do not know	2 (1.3%)	414 (4.7%)
Missing	13 (8.6%)	582 (6.7%)

5. Previous ICU admission during this hospital stay? (Yes)	28 (18.4%)	934 (10.7%)
---	------------	-------------

6. Is this patient terminally ill?	6 (3.9%)	630 (7.2%)
---	----------	------------

7. Fluid status

Normal	130 (85.5%)	6866 (78.5%)
Overloaded	5 (3.3%)	500 (5.7%)
Dehydrated	12 (7.9%)	450 (5.1%)
I do not know	5 (3.3%)	927 (10.6%)
Missing	-	-

8. Number of different medications planned

Oral	2 [0-4]	5 [2-8]
------	---------	---------

Other	2 [0-5]	2 [1-4]
-------	---------	---------

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

Malnourished	8 (5.3%)	871 (10.0%)
At risk	50 (32.9%)	1543 (17.6%)
No	92 (60.5%)	5642 (64.5%)
I do not know	2 (1.3%)	687 (7.9%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	88 (57.9%)	3469 (39.7%)
5% Glucose solution	65 (42.8%)	860 (9.8%)

11. Number of ONS drinks planned

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

12. Nutrition intake

Regular hospital food	99 (65.1%)	4849 (55.5%)
Fortified/enriched hospital food	2 (1.3%)	756 (8.6%)
Protein/energy supplement (e.g. ONS drinks)	6 (3.9%)	998 (11.4%)
Enteral nutrition	5 (3.3%)	485 (5.5%)
Parenteral nutrition	12 (7.9%)	479 (5.5%)
Special diet	24 (15.8%)	3072 (35.1%)
None	22 (14.5%)	474 (5.4%)

13a. All lines and Tubes

Central Venous	17 (11.2%)	734 (8.4%)
Peripheral venous access	87 (57.2%)	4122 (47.1%)
Nasogastric	7 (4.6%)	258 (3.0%)
Nasojejunal	-	38 (0.43%)
Nasoduodenal	1 (0.66%)	22 (0.25%)
Enterostoma	1 (0.66%)	42 (0.48%)
Percutaneous endoscopy/surgical gastrostomy	2 (1.3%)	67 (0.77%)
Percutaneous endoscopy/surgical jejunostomy	5 (3.3%)	27 (0.31%)
None	51 (33.6%)	3894 (44.5%)

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

Yes, previously	2 (1.3%)	87 (1.00%)
Yes, ongoing	-	80 (0.92%)
No	145 (95.4%)	7278 (83.2%)
I do not know	3 (2.0%)	846 (9.7%)
Missing	2 (1.3%)	452 (5.2%)

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

Energy requirements were determined	2 (1.3%)	3103 (35.5%)
-------------------------------------	----------	--------------

Protein requirements were determined	-	2765 (31.6%)
Food/Nutrition intake was recorded in the patient record	27 (17.8%)	3893 (44.5%)
Nutrition treatment plan was developed	6 (3.9%)	3013 (34.5%)
Nutrition expert was consulted	4 (2.6%)	2890 (33.1%)
Malnutrition status is recorded in the patient record	7 (4.6%)	2363 (27.0%)
None	-	-

15a. Energy goal

< 500 kcal	1 (0.66%)	268 (3.1%)
500-999 kcal	4 (2.6%)	93 (1.1%)
1000-1499 kcal	2 (1.3%)	884 (10.1%)
1500-1999 kcal	2 (1.3%)	2574 (29.4%)
>=2000 kcal	-	958 (11.0%)
Not determined	122 (80.3%)	3200 (36.6%)
I do not know	21 (13.8%)	730 (8.3%)
Missing	-	36 (0.41%)

15b. Energy intake

< 500 kcal	6 (3.9%)	530 (6.1%)
500-999 kcal	7 (4.6%)	483 (5.5%)
1000-1499 kcal	2 (1.3%)	1101 (12.6%)
1500-1999 kcal	3 (2.0%)	1928 (22.1%)
>=2000 kcal	1 (0.66%)	584 (6.7%)
Not determined	113 (74.3%)	2964 (33.9%)
I do not know	19 (12.5%)	1101 (12.6%)
Missing	1 (0.66%)	52 (0.59%)

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

Improved	59 (38.8%)	4436 (50.7%)
Deteriorated	8 (5.3%)	485 (5.5%)
Remained the same	67 (44.1%)	2411 (27.6%)
This patient has just been admitted	13 (8.6%)	555 (6.3%)
I do not know	5 (3.3%)	856 (9.8%)
Missing	-	-

Length of hospital stay (days)	17 [11-29]	12 [6-24]
--------------------------------	------------	-----------

Outcome Code

1= Still in the hospital	8 (5.3%)	748 (8.6%)
2= Transferred to another hospital	-	211 (2.4%)
3= Transferred to long term care	-	360 (4.1%)
4= Rehabilitation	-	486 (5.6%)
5= Discharged home	131 (86.2%)	6417 (73.4%)
6= Death	2 (1.3%)	260 (3.0%)

7= Others	-	173 (2.0%)
Missing	11 (7.2%)	88 (1.0%)
Readmitted since ND		
1= No	122 (91.7%)	6055 (78.3%)
2= Yes, same hospital planned	11 (8.3%)	457 (5.9%)
3= Yes, same hospital unplanned	-	454 (5.9%)
4= Yes, different hospital planned	-	44 (0.57%)
5= Yes, different hospital unplanned	-	44 (0.57%)
6= Unknown	-	299 (3.9%)
Missing	-	386 (5.0%)

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	104 (68.4%)	5885 (69.8%)
I am vegetarian	3 (2.0%)	142 (1.7%)
I adhere to a vegan diet	-	50 (0.59%)
I eat gluten-free diet	2 (1.3%)	73 (0.87%)
I avoid added sugars	33 (21.7%)	1290 (15.3%)
I avoid carbohydrates	4 (2.6%)	477 (5.7%)
I eat a low fat-diet	16 (10.5%)	972 (11.5%)
I am lactose intolerant	2 (1.3%)	328 (3.9%)
Other special diet due to intolerances/allergies	-	171 (2.0%)
Other	16 (10.5%)	603 (7.2%)
No answer given	2 (1.3%)	162 (1.9%)
2. Where did you live before your current hospital admission?		
At home	136 (89.5%)	7497 (89.0%)
In a nursing home or other live-in facility	-	287 (3.4%)
I was transferred from another hospital	15 (9.9%)	418 (5.0%)
Other	-	139 (1.6%)
Missing	1 (0.66%)	87 (1.0%)
3. In general, are you able to walk?		
Yes	132 (86.8%)	5392 (64.0%)
Yes, with someone's help	7 (4.6%)	899 (10.7%)
Yes, independently using a cane, walker, or crutches	5 (3.3%)	1107 (13.1%)
No, I have a wheelchair	1 (0.66%)	355 (4.2%)
No, I am bedridden	2 (1.3%)	548 (6.5%)
Missing	5 (3.3%)	127 (1.5%)
4. In general, how would you say your health is?		
Very good	19 (12.5%)	615 (7.3%)
Good	44 (28.9%)	3078 (36.5%)
Fair	46 (30.3%)	3196 (37.9%)
Poor	40 (26.3%)	1144 (13.6%)
Very poor	2 (1.3%)	254 (3.0%)
Missing	1 (0.66%)	141 (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 [0-2]	1 [0-2]
... how many nights in total have you spent in hospital?	8 [0-30]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	43 (28.3%)	1638 (19.4%)
3-5	49 (32.2%)	2272 (27.0%)
More than 5	22 (14.5%)	2608 (30.9%)
None	35 (23.0%)	1375 (16.3%)
I do not know	2 (1.3%)	429 (5.1%)
Missing	1 (0.66%)	106 (1.3%)

7. Do you have health insurance?		
Yes, private insurance only	6 (3.9%)	1250 (14.8%)
Yes, public insurance only	144 (94.7%)	4213 (50.0%)
Yes, both	1 (0.66%)	1101 (13.1%)
None	-	1114 (13.2%)
I prefer not to answer	-	483 (5.7%)
Missing	1 (0.66%)	267 (3.2%)

8. What was your weight 5 years ago?		
	82 [74-92]	70 [60-83]
I do not know	12 (7.9%)	2268 (26.9%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	12 (7.9%)	795 (9.4%)
Yes, unintentionally	67 (44.1%)	3179 (37.7%)
No, my weight stayed the same	49 (32.2%)	2488 (29.5%)
No, I gained weight	12 (7.9%)	911 (10.8%)
I do not know	6 (3.9%)	856 (10.2%)
Missing	6 (3.9%)	199 (2.4%)

9b. If yes, how many kg did you lose?		
	8 [5-10]	6 [3-10]
I do not know	7 (8.9%)	672 (16.9%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	123 (83.7%)	3142 (39.1%)

11. Please indicate if you ...		
... were weighed at admission	37 (24.5%)	4710 (56.2%)
... were informed about your nutrition status	18 (11.9%)	2651 (32.0%)
... were informed about nutrition care options	15 (9.9%)	2341 (28.3%)
... received special nutrition care	32 (21.1%)	2232 (27.0%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	8 (5.3%)	366 (4.4%)
Normal	94 (61.8%)	5184 (62.0%)
About 3/4 of normal	16 (10.5%)	801 (9.6%)
About half of normal	16 (10.5%)	1028 (12.3%)

About a quarter to nearly nothing	17 (11.2%)	750 (9.0%)
I do not know	-	82 (0.98%)
Missing	1 (0.66%)	157 (1.9%)

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

Very satisfied	20 (13.2%)	2303 (27.5%)
Somewhat satisfied	83 (54.6%)	2525 (30.2%)
Neutral	18 (11.8%)	1669 (19.9%)
Dissatisfied	19 (12.5%)	652 (7.8%)
Very dissatisfied	3 (2.0%)	252 (3.0%)
I do not know	8 (5.3%)	712 (8.5%)
Missing	1 (0.66%)	255 (3.0%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	4 (2.6%)	910 (10.9%)
Yes, from hospital staff	10 (6.6%)	544 (6.5%)
No	136 (89.5%)	6450 (77.1%)
I do not know	-	107 (1.3%)
Missing	2 (1.3%)	357 (4.3%)

15. Were you able to eat without interruption TODAY? (Yes)	114 (77.6%)	5869 (74.5%)
---	-------------	--------------

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

About all	59 (38.8%)	4051 (48.4%)
1/2	42 (27.6%)	1966 (23.5%)
1/4	20 (13.2%)	1005 (12.0%)
Nothing	30 (19.7%)	975 (11.7%)
Missing	1 (0.66%)	371 (4.4%)

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

Standard	94 (61.8%)	5388 (64.4%)
Smaller	11 (7.2%)	778 (9.3%)
Larger	2 (1.3%)	328 (3.9%)
I do not know	26 (17.1%)	848 (10.1%)
Missing	19 (12.5%)	1026 (12.3%)

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

I did not like the type of food offered	18 (19.6%)	570 (14.4%)
I did not like the smell/taste of the food	7 (7.6%)	443 (11.2%)
The food did not fit my cultural/religious preferences	2 (2.2%)	47 (1.2%)
The food was too hot	-	14 (0.35%)
The food was too cold	3 (3.3%)	86 (2.2%)
Due to food allergy/intolerance	1 (1.1%)	25 (0.63%)
I was not hungry at that time	14 (15.2%)	672 (17.0%)

I do not have my usual appetite	30 (32.6%)	1114 (28.2%)
I have problems chewing/swallowing	8 (8.7%)	225 (5.7%)
I normally eat less than what was served	9 (9.8%)	428 (10.8%)
I had nausea/vomiting	4 (4.3%)	327 (8.3%)
I was too tired	-	219 (5.5%)
I cannot eat without help	1 (1.1%)	68 (1.7%)
I was not allowed to eat	18 (19.6%)	449 (11.4%)
I had an exam, surgery, or test and missed my meal	15 (16.3%)	234 (5.9%)
I did not get requested food	6 (6.5%)	53 (1.3%)
No answer given	3 (3.3%)	481 (12.2%)

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

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

19a. Did you eat any food apart from hospital food TODAY? 60 (41.4%) 2048 (26.7%)

19b. If yes, what did you eat?

Sweet snacks	21 (35.0%)	501 (24.5%)
Salty snacks	17 (28.3%)	273 (13.3%)
Homemade food	16 (26.7%)	302 (14.7%)
Fruits	24 (40.0%)	724 (35.4%)
Dairy products	2 (3.3%)	212 (10.4%)
Food delivered/restaurant	3 (5.0%)	84 (4.1%)
Sandwich	6 (10.0%)	139 (6.8%)
Other	2 (3.3%)	400 (19.5%)

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

Increased	18 (11.8%)	1138 (13.6%)
Decreased	40 (26.3%)	2694 (32.2%)
Stayed the same	80 (52.6%)	3504 (41.9%)
I do not know	8 (5.3%)	582 (7.0%)
Missing	6 (3.9%)	450 (5.4%)

21. TODAY I feel...

Stronger than at admission	32 (21.1%)	3635 (43.4%)
Weaker than at admission	44 (28.9%)	1458 (17.4%)
Same as at admission	61 (40.1%)	2363 (28.2%)

I was admitted today	13 (8.6%)	236 (2.8%)
I do not know	2 (1.3%)	454 (5.4%)
Missing	-	222 (2.7%)

22. Can you walk without assistance TODAY?

Yes	128 (84.2%)	4925 (58.9%)
No, only with assistance	18 (11.8%)	2067 (24.7%)
No, I stay in bed	6 (3.9%)	929 (11.1%)
Missing	-	447 (5.3%)

23. Did anyone help you complete this questionnaire?	123 (81.5%)	5634 (69.0%)
---	-------------	--------------

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

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	11	113
Computerized system in hospital:	10 units (91%) YES	109 units (96%) YES
Nutritional treatment of cancer patients is part of overall care plan	8 units (73%) YES	95 units (84%) YES
Nutritional treatment is considered...		
Routinely	3 (27,3%)	56 (49.6%)
When patient asks	-	29 (25.7%)
When body weight loss > 10%	7 (63,6%)	39 (34.5%)
During palliative phase	7 (63,6%)	33 (29.2%)
Other	2 (18,2%)	6 (5.31%)
Missing	3 (27,3%)	17 (15.0%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	1 (9,09%)	7 (6.19%)
No knowledge of the field	3 (27,3%)	7 (6.19%)
No reimbursement	3 (27,3%)	7 (6.19%)
It feeds the tumour	-	1 (0.88%)
Other	1 (9,09%)	4 (3.54%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	4 (36,4%)	64 (56.6%)
Calculation of energy needs	8 (72,7%)	82 (72.6%)
Monitoring patients intake and use of oral supplements	9 (81,8%)	99 (87.6%)
None	1 (9,09%)	4 (3.54%)
Other	1 (9,09%)	5 (4.42%)
Missing	1 (9,09%)	2 (1.77%)
Nutritional therapy is not used due to		
Lack of evidence	-	2 (1.77%)
Lack of experience	3 (27,3%)	6 (5.31%)
No reimbursement	2 (18,2%)	3 (2.65%)
Lack of dietitians	2 (18,2%)	8 (7.08%)
Lack of other experts	1 (9,09%)	3 (2.65%)
Other	-	1 (0.88%)
Missing	-	-
Assessment of parameters in cancer patients & methods used:		
Anthropometry/Body composition:		

Body weight

Regularly	2 (18,2%)	75 (66.4%)
At chemotherapy	-	12 (10.6%)
When necessary	8 (72,7%)	23 (20.4%)
Never	1 (9,09%)	1 (0.88%)
Unknown	-	1 (0.88%)
Missing	-	1 (0.88%)

Anthropometrics (circumference)

Regularly	1 (9,09%)	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	4 (36,4%)	40 (35.4%)
Never	6 (54,5%)	53 (46.9%)
Unknown	-	1 (0.88%)
Missing	-	6 (5.31%)

BIA

Regularly	-	5 (4.42%)
At chemotherapy	-	-
When necessary	4 (36,4%)	23 (20.4%)
Never	7 (63,6%)	77 (68.1%)
Unknown	-	3 (2.65%)
Missing	-	5 (4.42%)

CT SCAN

Regularly	-	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	-	29 (25.7%)
Never	11 (100%)	70 (61.9%)
Unknown	-	3 (2.65%)
Missing	-	4 (3.54%)

DEXA

Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	-	15 (13.3%)
Never	11 (100%)	83 (73.5%)
Unknown	-	8 (7.08%)
Missing	-	5 (4.42%)

Other (body composition)

Regularly	-	1 (0.88%)
At chemotherapy	-	-
When necessary	2 (18,2%)	16 (14.2%)

Never	5 (45,5%)	40 (35.4%)
Unknown	4 (36,4%)	19 (16.8%)
Missing	-	37 (32.7%)

Body function:

Handgrip

Regularly	2 (18,2%)	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	8 (72,7%)	36 (31.9%)
Never	1 (9,09%)	60 (53.1%)
Unknown	-	4 (3.54%)
Missing	-	6 (5.31%)

6-minutes walking test

Regularly	-	3 (2.65%)
At chemotherapy	-	-
When necessary	2 (18,2%)	32 (28.3%)
Never	9 (81,8%)	66 (58.4%)
Unknown	-	5 (4.42%)
Missing	-	7 (6.19%)

Other (body function)

Regularly	-	4 (3.54%)
At chemotherapy	-	-
When necessary	2 (18,2%)	22 (19.5%)
Never	8 (72,7%)	45 (39.8%)
Unknown	1 (9,09%)	15 (13.3%)
Missing	-	27 (23.9%)

Nutritional requirements, calculated

Regularly	2 (18,2%)	32 (28.3%)
At chemotherapy	-	-
When necessary	9 (81,8%)	64 (56.6%)
Never	-	5 (4.42%)
Unknown	-	-
Missing	-	12 (10.6%)

Nutritional intake:

Every meal

Regularly	-	31 (27.4%)
At chemotherapy	-	1 (0.88%)
When necessary	3 (27,3%)	49 (43.4%)
Never	7 (63,6%)	13 (11.5%)
Unknown	1 (9,09%)	6 (5.31%)

Missing	-	13 (11.5%)
1 meal per day		
Regularly	-	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	3 (27,3%)	34 (30.1%)
Never	6 (54,5%)	19 (16.8%)
Unknown	-	9 (7.96%)
Missing	2 (18,2%)	38 (33.6%)
2 meals per day		
Regularly	-	12 (10.6%)
At chemotherapy	-	-
When necessary	2 (18,2%)	33 (29.2%)
Never	6 (54,5%)	20 (17.7%)
Unknown	-	9 (7.96%)
Missing	3 (27,3%)	39 (34.5%)
24h recall		
Regularly	3 (27,3%)	27 (23.9%)
At chemotherapy	-	2 (1.77%)
When necessary	6 (54,5%)	40 (35.4%)
Never	1 (9,09%)	12 (10.6%)
Unknown	-	7 (6.19%)
Missing	1 (9,09%)	25 (22.1%)
Other (nutritional intake)		
Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	-	16 (14.2%)
Never	1 (9,09%)	22 (19.5%)
Unknown	5 (45,5%)	17 (15.0%)
Missing	5 (45,5%)	56 (49.6%)
Questionnaire completed by		
Dietitian	-	40 (35.4%)
Nurse	-	29 (25.7%)
Physician	11 (100%)	38 (33.6%)
Nutritional scientist	-	5 (4.42%)
Other	-	-
Missing	-	1 (0.88%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	76	959
Demographic data:		
Age (years)	65 [22-90]	66 [18-96]
Female gender	26 (34,2%)	378 (39.4%)
Weight (kg)	74,8 ± 14,3	65.1 ± 16.5
Height (cm)	173,2 ± 9,4	165.9 ± 9.9
BMI (kg/m2)	24,9 ± 3,9	23.7 ± 4.7
Outpatient (o)/Ward (w)		
Outpatient(o)	1 (1,32%)	63 (6.57%)
Ward (w)	75 (98,7%)	892 (93.0%)
Missing	-	4 (0.42%)
Goal of Therapy		
Curative	58 (76,3%)	554 (57.8%)
Palliative	8 (10,5%)	343 (35.8%)
Terminal	4 (5,26%)	37 (3.86%)
Missing	6 (7,89%)	25 (2.61%)
Reason for admission		
Clinical diagnostics	10 (13,2%)	104 (10.8%)
Therapy	1 (1,32%)	469 (48.9%)
Surgery related	58 (76,3%)	200 (20.9%)
Treatment complications	6 (7,89%)	119 (12.4%)
Poor health status	1 (1,32%)	118 (12.3%)
Independent care difficult	-	6 (0.63%)
Missing	-	-
Present cancer diagnosis		
Breast	1 (1,32%)	51 (5.32%)
Colon, rectum	22 (28,9%)	163 (17.0%)
Prostate	-	29 (3.02%)
Lung	-	75 (7.82%)
Skin	-	4 (0.42%)
Kidney/bladder	7 (9,21%)	30 (3.13%)
Gastric/oesophageal	20 (26,3%)	144 (15.0%)
Pancreas	5 (6,58%)	63 (6.57%)
Lymphoma	-	94 (9.80%)
Ears nose throat (ENT)	-	41 (4.28%)
Leukaemia	-	74 (7.72%)
Genital tract	2 (2,63%)	32 (3.34%)

Liver	18 (23,7%)	103 (10.7%)
Sarcoma	-	8 (0.83%)
Brain	-	11 (1.15%)
Testicular	-	-
Other	4 (5,26%)	73 (7.61%)
Missing	1 (1,32%)	11 (1.15%)

Time since diagnosis

0-2 months	29 (38,2%)	344 (35.9%)
3-5 months	13 (17,1%)	159 (16.6%)
6-12 months	12 (15,8%)	152 (15.8%)
1-2 years	11 (14,5%)	118 (12.3%)
2-4 years	5 (6,58%)	77 (8.03%)
> 4 years	1 (1,32%)	87 (9.07%)
Missing	5 (6,58%)	19 (1.98%)

Cancer staging

0=Carcinoma in situ	2 (2,63%)	35 (3.65%)
I=Localized	5 (6,58%)	202 (21.1%)
II=Early locally advanced	15 (19,7%)	159 (16.6%)
III=Late locally advanced	11 (14,5%)	168 (17.5%)
IV=Metastasised	19 (25,0%)	287 (29.9%)
Missing	24 (31,6%)	108 (11.3%)

Time since first therapy start

No therapy	22 (28,9%)	125 (13.0%)
Tumour staging/diagnosis	8 (10,5%)	63 (6.57%)
0-2 months	12 (15,8%)	267 (27.8%)
3-5 months	12 (15,8%)	128 (13.3%)
6-12 months	12 (15,8%)	135 (14.1%)
1-2 years	7 (9,21%)	90 (9.38%)
2-4 years	4 (5,26%)	59 (6.15%)
> 4 years	1 (1,32%)	98 (10.2%)
Missing	5 (6,58%)	16 (1.67%)

Therapy situation

Diagnosis	18 (23,7%)	107 (11.2%)
Chemotherapy 1st line	2 (2,63%)	175 (18.2%)
Chemotherapy > 1st line	2 (2,63%)	142 (14.8%)
Radiotherapy	-	67 (6.99%)
Target therapy	-	30 (3.13%)
Hormone therapy	-	12 (1.25%)
Palliative	2 (2,63%)	108 (11.3%)
Surgery	52 (68,4%)	322 (33.6%)

Cancer related complications	-	57 (5.94%)
Therapy related complications	1 (1,32%)	36 (3.75%)
Missing	4 (5,26%)	13 (1.36%)

Infections

None	67 (88,2%)	731 (76.2%)
Local	4 (5,26%)	136 (14.2%)
General	3 (3,95%)	70 (7.30%)
Missing	2 (2,63%)	22 (2.29%)

Nutrition Treatment

No special diet	63 (82,9%)	453 (47.2%)
Individualized diet plan	4 (5,26%)	228 (23.8%)
Energy rich/protein rich ONS	2 (2,63%)	120 (12.5%)
Enteral nutrition (via NGT/PEG)	-	52 (5.42%)
Parenteral nutrition	6 (7,89%)	128 (13.3%)
ONS enriched with special nutrients	-	19 (1.98%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	7 (0.73%)
Personal preferences	-	109 (11.4%)
Counselling	-	54 (5.63%)
Other	1 (1,32%)	27 (2.82%)
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:	76	951
Body weight prior to becoming ill	85 [44-120]	70 [22-180]
Actual body weight	74 [40-105]	63 [21-128]
Change in weight was		
Intentional	5 (6,58%)	31 (3.23%)
Unintentional	48 (63,2%)	607 (63.3%)
Weight is stable	19 (25,0%)	154 (16.1%)
Missing	-	30 (3.13%)
During the last week		
Patients who have had pain:		
Not at all	29 (38,2%)	329 (34.3%)
A little	22 (28,9%)	263 (27.4%)
Quite a bit	20 (26,3%)	161 (16.8%)
Very much	3 (3,95%)	107 (11.2%)
Missing	2 (2,63%)	87 (9.07%)
Patients who needed a rest:		
Not at all	30 (39,5%)	230 (24.0%)
A little	22 (28,9%)	279 (29.1%)
Quite a bit	16 (21,1%)	212 (22.1%)
Very much	6 (7,89%)	125 (13.0%)
Missing	2 (2,63%)	95 (9.91%)
Patients who felt weak:		
Not at all	34 (44,7%)	228 (23.8%)
A little	16 (21,1%)	266 (27.7%)
Quite a bit	16 (21,1%)	224 (23.4%)
Very much	7 (9,21%)	135 (14.1%)
Missing	3 (3,95%)	92 (9.59%)
Patients who felt depressed:		
Not at all	47 (61,8%)	348 (36.3%)
A little	20 (26,3%)	303 (31.6%)
Quite a bit	7 (9,21%)	125 (13.0%)
Very much	-	72 (7.51%)
Missing	2 (2,63%)	89 (9.28%)
Patients who were tired:		

Not at all	33 (43,4%)	241 (25.1%)
A little	26 (34,2%)	283 (29.5%)
Quite a bit	9 (11,8%)	213 (22.2%)
Very much	6 (7,89%)	116 (12.1%)
Missing	2 (2,63%)	89 (9.28%)

Patients whose pain interfered with their daily activities:

Not at all	41 (53,9%)	373 (38.9%)
A little	17 (22,4%)	220 (22.9%)
Quite a bit	9 (11,8%)	142 (14.8%)
Very much	6 (7,89%)	110 (11.5%)
Missing	3 (3,95%)	94 (9.80%)

Patients who lacked appetite:

Not at all	41 (53,9%)	347 (36.2%)
A little	19 (25,0%)	238 (24.8%)
Quite a bit	13 (17,1%)	149 (15.5%)
Very much	1 (1,32%)	113 (11.8%)
Missing	2 (2,63%)	95 (9.91%)

Just now

Patients who have pain:

Not at all	33 (43,4%)	375 (39.1%)
A little	23 (30,3%)	304 (31.7%)
Quite a bit	14 (18,4%)	122 (12.7%)
Very much	3 (3,95%)	45 (4.69%)
Missing	3 (3,95%)	98 (10.2%)

Patients who need a rest:

Not at all	27 (35,5%)	192 (20.0%)
A little	23 (30,3%)	322 (33.6%)
Quite a bit	16 (21,1%)	230 (24.0%)
Very much	8 (10,5%)	98 (10.2%)
Missing	2 (2,63%)	96 (10.0%)

Patients who feel weak:

Not at all	32 (42,1%)	209 (21.8%)
A little	18 (23,7%)	313 (32.6%)
Quite a bit	17 (22,4%)	219 (22.8%)
Very much	7 (9,21%)	99 (10.3%)
Missing	2 (2,63%)	98 (10.2%)

Patients who are depressed:

Not at all	48 (63,2%)	375 (39.1%)
------------	------------	-------------

A little	20 (26,3%)	314 (32.7%)
Quite a bit	5 (6,58%)	116 (12.1%)
Very much	1 (1,32%)	39 (4.07%)
Missing	2 (2,63%)	96 (10.0%)

Patients who are tired:

Not at all	36 (47,4%)	222 (23.1%)
A little	23 (30,3%)	343 (35.8%)
Quite a bit	7 (9,21%)	197 (20.5%)
Very much	8 (10,5%)	82 (8.55%)
Missing	2 (2,63%)	94 (9.80%)

Patients whose pain interferes with their daily activities:

Not at all	38 (50,0%)	339 (35.3%)
A little	19 (25,0%)	259 (27.0%)
Quite a bit	12 (15,8%)	154 (16.1%)
Very much	5 (6,58%)	80 (8.34%)
Missing	2 (2,63%)	100 (10.4%)

Patients who lack appetite:

Not at all	37 (48,7%)	327 (34.1%)
A little	19 (25,0%)	264 (27.5%)
Quite a bit	14 (18,4%)	157 (16.4%)
Very much	4 (5,26%)	92 (9.59%)
Missing	2 (2,63%)	99 (10.3%)

Reasons for change in appetite/food intake

Nausea/Vomiting	7 (9,21%)	154 (16.1%)
Inflammation in mouth	-	55 (5.74%)
Pain	9 (11,8%)	116 (12.1%)
Constipation	1 (1,32%)	64 (6.67%)
Diarrhea	1 (1,32%)	42 (4.38%)
Change in taste/smell	3 (3,95%)	104 (10.8%)
Early satiation/Loss of appetite	23 (30,3%)	217 (22.6%)
Other	27 (35,5%)	165 (17.2%)
Missing	2 (2,63%)	45 (4.69%)

Maximum activity performed by patients

Able to do sports	2 (2,63%)	38 (3.96%)
Fully active	23 (30,3%)	125 (13.0%)
Able to carry out light activities	29 (38,2%)	184 (19.2%)
Able to carry out self care	9 (11,8%)	215 (22.4%)
Able to carry out limited self care	5 (6,58%)	146 (15.2%)
Confined to bed or chair	6 (7,89%)	142 (14.8%)

Missing	2 (2,63%)	96 (10.0%)
Patient takes additional (without prescription)		
Nothing	29 (38,2%)	611 (63.7%)
Herbal tea	29 (38,2%)	75 (7.82%)
Nutritional supplements	6 (7,89%)	61 (6.36%)
Multivitamin	10 (13,2%)	37 (3.86%)
Other medication	7 (9,21%)	44 (4.59%)
Other	3 (3,95%)	49 (5.11%)
Missing	2 (2,63%)	116 (12.1%)
Additional activities performed		
Nothing	61 (80,3%)	710 (74.0%)
Psychotherapy	-	17 (1.77%)
Yoga	-	9 (0.94%)
Meditation	1 (1,32%)	21 (2.19%)
Progressive muscle relaxation	1 (1,32%)	14 (1.46%)
Qigong	-	1 (0.10%)
Other	11 (14,5%)	68 (7.09%)
Missing	3 (3,95%)	129 (13.5%)
Patients having difficulties in complying with treatment		
	30 (39,5%)	181 (18.9%)
Patients needing help to complete questionnaire		
	66 (86,8%)	545 (56.8%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:		
	41 (53,9%)	549 (57.2%)