



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2019 and for your effort. We are now able to present you your country report of the following sample size:

Number of participated center:	10
Number of participated units:	11
Number of patients:	126
Number of patients who gave consent:	126
Number of patients completing Sheet 3a:	124
Number of patients completing Sheet 3b:	124
Number of cancer patients:	31
Number of patients completing Sheet 2_onco:	18
Number of patients completing Sheet 3_onco:	18
Number of patients with 30-day outcome assessment:	107

This report compares your country to international reference database based on data from nutritionDay 2016-2018.

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 2020. 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

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

	YOUR RESULTS	REFERENCE RESULTS
1. Total number of beds in hospital	236 [155-483]	333 [194-630]
2. Total number of admissions in the hospital last year	9016 [3638-20094]	18005 [9101-36130]
3. Total number of staff in the hospital		
Total medical doctors	47 [18-149]	173 [80-399]
Medical specialists	7 [5-22]	116 [53-250]
Medical non-specialists	28 [8-123]	37 [14-84]
Nurses	499 [46-925]	420 [183-836]
Dieticians	4 [2-8]	5 [2-9]
Nutritionists	0 [0-1]	1 [0-4]
Pharmacists	20 [4-20]	7 [4-21]
Kitchen staff	39 [23-81]	31 [15-59]
Full time equivalent		
Total medical doctors	18 [12-135]	148 [60-373]
Medical specialists	5 [4-6]	98 [45-251]
Medical non-specialists	7 [5-9]	36 [11-99]
Nurses	61 [35-86]	364 [180-788]
Dieticians	2 [1-23]	5 [2-8]
Nutritionists	0 [0-0]	1 [0-3]
Pharmacists	4 [3-61]	6 [3-18]
Kitchen staff	14 [12-50]	29 [15-55]
4. Does the hospital have a nutrition care strategy?	6 (75,0%) Yes	498 (79,4%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	7 (87,5%) Yes	434 (66,7%) Yes
Nutrition steering committee is available	3 (37,5%) Yes	388 (59,6%) Yes
Quality indicators are recorded and reported to national or regional level	3 (37,5%) Yes	263 (40,4%) Yes
Quality indicators are used for internal benchmarking	6 (75,0%) Yes	337 (51,8%) Yes
Patient feedback about food and food service is collected using a questionnaire	8 (100,0%) Yes	475 (73,0%) Yes
None	0 (0,0%) Yes	30 (4,6%) Yes
No answer given	0 (0,0%)	24 (3,7%)
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	2 (25,0%) Yes	313 (48,1%) Yes

Oral nutrition supplements	1 (12,5%) Yes	239 (36,7%) Yes
Parenteral nutrition	5 (62,5%) Yes	375 (57,6%) Yes
Enteral nutrition	5 (62,5%) Yes	334 (51,3%) Yes
Dietary counseling	5 (62,5%) Yes	235 (36,1%) Yes
Specific dietary interventions	2 (25,0%) Yes	181 (27,8%) Yes
Screening for malnutrition	3 (37,5%) Yes	187 (28,7%) Yes
Risk of malnutrition	3 (37,5%) Yes	160 (24,6%) Yes
Malnutrition (in general)	6 (75,0%) Yes	294 (45,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	8 (100,0%) Yes	280 (43,0%) Yes
No information available from billing/finance/controlling	0 (0,0%) Yes	109 (16,7%) Yes
No answer given	-	42 (6,5%)

Codes routinely used

Nutrition Support	2 (25,0%) Yes	270 (41,5%) Yes
Oral nutrition supplements	1 (12,5%) Yes	209 (32,1%) Yes
Parenteral nutrition	4 (50,0%) Yes	343 (52,7%) Yes
Enteral nutrition	4 (50,0%) Yes	307 (47,2%) Yes
Dietary counseling	2 (25,0%) Yes	198 (30,4%) Yes
Specific dietary interventions	1 (12,5%) Yes	159 (24,4%) Yes
Screening for malnutrition	1 (12,5%) Yes	149 (22,9%) Yes
Risk of malnutrition	1 (12,5%) Yes	128 (19,7%) Yes
Malnutrition (in general)	6 (75,0%) Yes	255 (39,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	6 (75,0%) Yes	242 (37,2%) Yes
No information available from billing/finance/controlling	0 (0,0%) Yes	120 (18,4%) Yes
No answer given	-	53 (8,1%)

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	7 (63,6%)	21.1%
Internal Medicine / Cardiology	0 (0,0%)	4.3%
Internal Medicine / Gastroenterology & hepatology	0 (0,0%)	7.8%
Internal Medicine / Geriatrics	0 (0,0%)	9.7%
Internal Medicine / Infectious diseases	0 (0,0%)	0.6%
Internal Medicine / Nephrology	0 (0,0%)	1.2%
Internal Medicine / Oncology (incl. radiotherapy)	1 (9,1%)	8.1%
Interdisciplinary	0 (0,0%)	3.4%
Long term care	0 (0,0%)	2.0%
Neurology	0 (0,0%)	3.6%
Surgery / General	1 (9,1%)	15.7%
Surgery/ Cardiac/Vascular/Thoracic	0 (0,0%)	1.4%
Surgery / Neurosurgery	0 (0,0%)	0.9%
Surgery / Orthopedic	0 (0,0%)	4.2%
Trauma	0 (0,0%)	0.9%
Ear Nose Throat (ENT)	0 (0,0%)	1.7%
Gynecology / Obstetrics	0 (0,0%)	1.4%
Pediatrics	0 (0,0%)	0.1%
Psychiatry	0 (0,0%)	0.9%
Others	2 (18,2%)	11.1%
2. Number of registered inpatients at noon	27 [15-34]	25 [19-32]
3. Total bed capacity of the unit	34 [20-36]	30 [24-40]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	5 [3-7]	4 [2-7]
Nurses	6 [5-11]	5 [3-8]
Nursing aides	2 [2-4]	2 [1-4]
Dieticians	1 [1-1]	1 [0-1]
Nutritionists	0 [0-1]	0 [0-1]
Administrative staff	1 [1-2]	1 [0-1]
Other staff involved in patient care	4 [3-4]	1 [0-2]
In training		
Medical doctors	0 [0-0]	1 [0-3]
Medical students	2 [0-4]	0 [0-2]
Nurses	1 [0-2]	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	0 [0-0]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 3 (33,3%) Yes 1018 (78,3%) Yes

6. Does the unit have a nutrition care strategy? 7 (77,8%) Yes 984 (75,7%) Yes

7. Is there a person in your unit responsible for nutrition care? 9 (100,0%) Yes 922 (70,9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 9 (100,0%) Yes 1239 (90,8%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 7 (77,8%) Yes 780 (60,0%) Yes

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

At admission

No routine screening	-	109 (7,6%)
No fixed criteria	-	21 (1,5%)
Experience / visual assessment only	-	102 (7,1%)
Weighing / BMI only	-	201 (14,1%)
Nutritional Risk Screening (NRS) 2002	1 (9,1%) Yes	462 (32,3%)
Malnutrition Universal Screening Tool (MUST)	-	81 (5,7%)
Malnutrition Screening tool (MST)	7 (63,6%) Yes	115 (8,0%)
SNAQ	-	13 (0,91%)
Other formal tool	1 (9,1%) Yes	249 (17,4%)
I do not know	-	11 (0,77%)
Missing	2 (18,2%)	66 (4,6%)

During hospital stay

No routine monitoring	1 (9,1%) Yes	133 (9,3%)
No fixed criteria	2 (18,2%) Yes	118 (8,3%)
Experience / visual assessment only	1 (9,1%) Yes	235 (16,4%)
Weighing / BMI only	1 (9,1%) Yes	471 (32,9%)
Other formal tool	4 (36,4%) Yes	375 (26,2%)
I do not know	-	32 (2,2%)
Missing	2 (18,2%)	66 (4,6%)

11a. Do you routinely use guidelines or standards for nutrition care? 9 (100,0%) Yes 1043 (82,1%) Yes

11b. If yes, which one is mainly used?		
International guidelines	-	257 (24,6%)
National guidelines	5 (55,6%) Yes	166 (15,9%)
Standards on hospital level	1 (11,1%) Yes	378 (36,2%)
Standards on unit level	-	65 (6,2%)
Individual patient nutrition care plans	3 (33,3%) Yes	155 (14,9%)
Other	-	11 (1,1%)
Missing	-	11 (1,1%)

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

At risk

Watchful waiting	2 (18,2%) Yes	399 (27,9%)
Discuss nutrition care activities during ward rounds	4 (36,4%) Yes	614 (42,9%)
Develop an individual nutrition care plan	8 (72,7%) Yes	720 (50,3%)
Initiate treatment / nutrition intervention	7 (63,6%) Yes	820 (57,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	9 (81,8%) Yes	828 (57,9%)
Consult a medical professional	2 (18,2%) Yes	505 (35,3%)
Calculate energy requirements	7 (63,6%) Yes	652 (45,6%)
Calculate protein requirements	7 (63,6%) Yes	630 (44,1%)

Malnourished

Watchful waiting	-	280 (19,6%)
Discuss nutrition care activities during ward rounds	5 (45,5%) Yes	675 (47,2%)
Develop an individual nutrition care plan	8 (72,7%) Yes	792 (55,4%)
Initiate treatment / nutrition intervention	7 (63,6%) Yes	884 (61,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	9 (81,8%) Yes	823 (57,6%)
Consult a medical professional	5 (45,5%) Yes	579 (40,5%)
Calculate energy requirements	7 (63,6%) Yes	763 (53,4%)
Calculate protein requirements	7 (63,6%) Yes	745 (52,1%)

Every patient

Watchful waiting	3 (27,3%) Yes	700 (49,0%)
Discuss nutrition care activities during ward rounds	4 (36,4%) Yes	358 (25,0%)
Develop an individual nutrition care plan	1 (9,1%) Yes	250 (17,5%)
Initiate treatment / nutrition intervention	1 (9,1%) Yes	197 (13,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	264 (18,5%)
Consult a medical professional	3 (27,3%) Yes	307 (21,5%)
Calculate energy requirements	1 (9,1%) Yes	186 (13,0%)
Calculate protein requirements	1 (9,1%) Yes	168 (11,7%)

Never

Watchful waiting	3 (27,3%) Yes	105 (7,3%)
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Discuss nutrition care activities during ward rounds	-	77 (5,4%)
Develop an individual nutrition care plan	-	62 (4,3%)
Initiate treatment / nutrition intervention	-	19 (1,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	20 (1,4%)
Consult a medical professional	-	146 (10,2%)
Calculate energy requirements	-	141 (9,9%)
Calculate protein requirements	-	165 (11,5%)

I do not know

Watchful waiting	1 (9,1%) Yes	71 (5,0%)
Discuss nutrition care activities during ward rounds	-	54 (3,8%)
Develop an individual nutrition care plan	-	41 (2,9%)
Initiate treatment / nutrition intervention	-	34 (2,4%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	33 (2,3%)
Consult a medical professional	1 (9,1%) Yes	86 (6,0%)
Calculate energy requirements	-	65 (4,5%)
Calculate protein requirements	-	71 (5,0%)

13. When do you routinely weigh your patients?

at admission	9 (81,8%) Yes	928 (64,9%)
Within 24 hours	2 (18,2%) Yes	210 (14,7%)
Within 48 hours	2 (18,2%) Yes	79 (5,5%)
Within 72 hours	1 (9,1%) Yes	39 (2,7%)
Every week	1 (9,1%) Yes	627 (43,8%)
Occasionally	-	158 (11,0%)
When requested	4 (36,4%) Yes	728 (50,9%)
At discharge	-	67 (4,7%)
Never	-	17 (1,2%)
I do not know	-	6 (0,42%)
No answer given	3 (16,7%)	69 (4,8%)

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

Offer additional meals or in between snacks	9 (81,8%) Yes	1096 (76,6%)
Offer meal choices	9 (81,8%) Yes	1055 (73,8%)
Offer different portion sizes	7 (63,6%) Yes	934 (65,3%)
Consider food presentation	6 (54,5%) Yes	502 (35,1%)
Change food texture/consistency as needed	9 (81,8%) Yes	1175 (82,2%)
Consider patient problems with eating and drinking	9 (81,8%) Yes	1166 (81,5%)
Ensure that mealtimes are undisturbed/protected mealtime policy	1 (9,1%) Yes	324 (22,7%)
Promote positive eating environment	3 (27,3%) Yes	419 (29,3%)
Consider cultural/religious preferences	8 (72,7%) Yes	903 (63,1%)
Consider patient allergies / intolerances	9 (81,8%) Yes	1045 (73,1%)
Other	-	103 (7,2%)

I do not know	-	26 (1,8%)
No answer given	2 (18,2%)	67 (4,7%)

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

Nutrition training is available	7 (63,6%) Yes	821 (57,4%)
Reporting of nutrition related information to hospital managers	7 (63,6%) Yes	608 (42,5%)
Quality indicators are recorded and reported to national or regional level	4 (36,4%) Yes	448 (31,3%)
Quality indicators are used for internal benchmarking	8 (72,7%) Yes	513 (35,9%)
Patient feedback about food and food service is collected using a questionnaire	9 (81,8%) Yes	884 (61,8%)
None	-	41 (2,9%)
I do not know	-	61 (4,3%)
No answer given	2 (18,2%)	151 (10,6%)

16. At admission what is asked and documented?

Change in weight	9 (81,8%) Yes	1104 (77,2%)
Eating habits/difficulties	8 (72,7%) Yes	1041 (72,8%)
Nutrition before admission	7 (63,6%) Yes	823 (57,6%)
None	-	18 (1,3%)
I do not know	-	33 (2,3%)
No answer given	2 (18,2%)	153 (10,7%)

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	9 (81,8%) Yes	1037 (72,5%)
nutrition treatment	9 (81,8%) Yes	837 (58,5%)
None	-	65 (4,5%)
I do not know	-	42 (2,9%)

b. Discharge Letter ...

summarizes nutrition treatment received during stay	4 (36,4%) Yes	592 (41,4%)
makes future nutrition-related recommendations	7 (63,6%) Yes	816 (57,1%)
None	1 (9,1%) Yes	137 (9,6%)
I do not know	1 (9,1%) Yes	128 (9,0%)

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	4 (50,0%) Yes	519 (45,2%) Yes
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19. Who filled in this sheet?

Head staff	-	411 (28,7%)
Dietician	9 (81,8%) Yes	717 (50,1%)
Nurse	-	388 (27,1%)

Physician	-	175 (12,2%)
Administrative staff	-	13 (0,91%)
Other	-	71 (5,0%)
None	-	-
I do not know	-	15 (1,0%)

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

	YOUR RESULTS	REFERENCE RESULTS
Total	126	27195
Age	66 [53-75]	67 [53-78]
Female	62 (49,2%)	13525 (49,7%)
Weight	85,7±30,1	69,9±18,9
Height	168±11	165±10
BMI	29,8±9,6	25,5±5,9

1. This hospital admission was...

planned	15 (11,9%)	9881 (36,3%)
an emergency	98 (77,8%)	14977 (55,1%)
I do not know	13 (10,3%)	2337 (8,6%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	14 (11,1%)	2442 (9,0%)
0200 Neoplasms	17 (13,5%)	4873 (17,9%)
0300 Blood and bloodforming organs and the immune mechanism	8 (6,3%)	1724 (6,3%)
0400 Endocrine, nutritional and metabolic diseases	9 (7,1%)	3266 (12,0%)
0500 Mental health	9 (7,1%)	1218 (4,5%)
0600 Nervous system	3 (2,4%)	2493 (9,2%)
0700 Eye and adnexa	-	339 (1,2%)
0800 Ear and mastoid process	1 (0,79%)	172 (0,63%)
0900 Circulatory system	22 (17,5%)	5629 (20,7%)
1000 Respiratory system	23 (18,3%)	4217 (15,5%)
1100 Digestive system	24 (19,0%)	6840 (25,2%)
1200 Skin and subcutaneous tissue	10 (7,9%)	1244 (4,6%)
1300 Musculoskeletal system and connective tissue	9 (7,1%)	4246 (15,6%)
1400 Genitourinary system	7 (5,6%)	2809 (10,3%)
1500 Pregnancy, childbirth and the puerperium	-	222 (0,82%)
1600 Conditions originating in the perinatal period	-	36 (0,13%)
1700 Congenital/chromosomal abnormalities	-	52 (0,19%)
1800 Symptoms, signs, abnormal clinical/lab findings	28 (22,2%)	1319 (4,9%)
1900 Injury, poisoning	7 (5,6%)	724 (2,7%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	2 (1,6%)	671 (2,5%)
2100 Factors influencing health status and contact with health services	3 (2,4%)	990 (3,6%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	43 (38,1%)	5264 (21,3%)
Myocardial infarction	9 (8,0%)	1338 (5,5%)
Chronic lung disease	31 (27,4%)	3466 (14,1%)
Cerebral vascular disease	13 (11,5%)	2274 (9,3%)
Peripheral vascular disease	7 (6,2%)	2842 (11,6%)
Chronic liver disease	8 (7,1%)	1477 (6,1%)
Chronic kidney disease	21 (18,3%)	2817 (11,6%)
Diabetes	42 (36,2%)	5968 (24,2%)
Cancer	31 (24,8%)	5709 (23,2%)
Infection	20 (17,7%)	3578 (14,6%)
Dementia	4 (3,5%)	1229 (5,1%)
Major depressive disorder	24 (21,1%)	1233 (5,1%)
Other chronic mental disorder	20 (18,2%)	1229 (5,1%)
Other chronic disease	51 (44,7%)	6369 (25,9%)
None	11 (8,7%)	4869 (17,9%)

4a. Previous operation during this hospital stay

Yes, planned	9 (7,1%)	5304 (19,5%)
Yes, acute	15 (11,9%)	1634 (6,0%)
No	94 (74,6%)	17917 (65,9%)
I do not know	1 (0,79%)	313 (1,2%)
Missing	7 (5,6%)	2027 (7,5%)

Days since operation	2 [1-4]	3 [1-11]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	3 (2,4%)	1998 (7,3%)
Yes, later	1 (0,79%)	1411 (5,2%)
No	119 (94,4%)	19908 (73,2%)
I do not know	-	1082 (4,0%)
Missing	3 (2,4%)	2796 (10,3%)

5. Previous ICU admission during this hospital stay? (Yes)

12 (9,5%)	2731 (10,6%)
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6. Is this patient terminally ill?

6 (4,8%)	1729 (6,4%)
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7. Fluid status

Normal	78 (61,9%)	20820 (76,6%)
Overloaded	13 (10,3%)	1466 (5,4%)
Dehydrated	8 (6,3%)	1298 (4,8%)
I do not know	27 (21,4%)	3611 (13,3%)
Missing	-	-

8. Number of different medications planned

Oral	6 [4-9]	5 [2-8]
Other	2 [1-4]	2 [1-4]

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

Malnourished	8 (6,3%)	3264 (12,0%)
At risk	18 (14,3%)	4856 (17,9%)
No	85 (67,5%)	16820 (61,8%)
I do not know	15 (11,9%)	2255 (8,3%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	43 (34,1%)	9496 (34,9%)
5% Glucose solution	11 (8,7%)	2615 (9,6%)

11. Number of ONS drinks planned

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

Regular hospital food	72 (57,1%)	15788 (58,1%)
Fortified/enriched hospital food	1 (0,79%)	3133 (11,5%)
Protein/energy supplement (e.g. ONS drinks)	15 (11,9%)	4012 (14,8%)
Enteral nutrition	1 (0,79%)	1315 (4,8%)
Parenteral nutrition	1 (0,79%)	1286 (4,7%)
Special diet	66 (52,4%)	8834 (32,5%)
None	10 (7,9%)	1283 (4,7%)

13a. All lines and Tubes

Central Venous	8 (6,3%)	2360 (9,2%)
Peripheral venous access	95 (75,4%)	12501 (48,7%)
Nasogastric	3 (2,4%)	680 (2,6%)
Nasojejunal	-	135 (0,53%)
Nasoduodenal	-	99 (0,39%)
Enterostoma	1 (0,79%)	126 (0,49%)
Percutaneous endoscopy/surgical gastrostomy	1 (0,79%)	234 (0,91%)
Percutaneous endoscopy/surgical jejunostomy	-	95 (0,37%)
None	28 (22,2%)	12303 (45,2%)

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

Yes, previously	1 (0,79%)	362 (1,3%)
Yes, ongoing	1 (0,79%)	227 (0,83%)
No	111 (88,1%)	21227 (78,1%)
I do not know	10 (7,9%)	2312 (8,5%)
Missing	3 (2,4%)	3067 (11,3%)

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

Energy requirements were determined	55 (43,7%)	9593 (37,3%)
Protein requirements were determined	55 (43,7%)	8543 (33,3%)
Food/Nutrition intake was recorded in the patient record	75 (59,5%)	11079 (43,1%)
Nutrition treatment plan was developed	60 (47,6%)	9042 (35,2%)
Nutrition expert was consulted	53 (42,1%)	9313 (36,3%)
Malnutrition status is recorded in the patient record	39 (31,0%)	8238 (32,1%)
None	-	-

15a. Energy goal

< 500 kcal	3 (2,4%)	1046 (3,8%)
500-999 kcal	-	269 (0,99%)
1000-1499 kcal	12 (9,5%)	2400 (8,8%)
1500-1999 kcal	39 (31,0%)	8218 (30,2%)
>=2000 kcal	17 (13,5%)	2704 (9,9%)
Not determined	50 (39,7%)	8749 (32,2%)
I do not know	5 (4,0%)	2265 (8,3%)
Missing	-	1544 (5,7%)

15b. Energy intake

< 500 kcal	18 (14,3%)	1697 (6,2%)
500-999 kcal	7 (5,6%)	1257 (4,6%)
1000-1499 kcal	8 (6,3%)	3424 (12,6%)
1500-1999 kcal	20 (15,9%)	5999 (22,1%)
>=2000 kcal	10 (7,9%)	1448 (5,3%)
Not determined	45 (35,7%)	8533 (31,4%)
I do not know	18 (14,3%)	3276 (12,0%)
Missing	-	1561 (5,7%)

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

Improved	71 (56,3%)	12837 (47,2%)
Deteriorated	4 (3,2%)	1433 (5,3%)
Remained the same	26 (20,6%)	7057 (25,9%)
This patient has just been admitted	11 (8,7%)	1699 (6,2%)
I do not know	14 (11,1%)	2663 (9,8%)
Missing	-	1506 (5,5%)

Length of hospital stay (days)	5 [3-8]	12 [6-23]
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Outcome Code

1= Still in the hospital	4 (3,2%)	2601 (9,6%)
2= Transferred to another hospital	-	571 (2,1%)
3= Transferred to long term care	9 (7,1%)	1107 (4,1%)

4= Rehabilitation	11 (8,7%)	1222 (4,5%)
5= Discharged home	81 (64,3%)	20149 (74,1%)
6= Death	1 (0,79%)	845 (3,1%)
7= Others	1 (0,79%)	507 (1,9%)
Missing	19 (15,1%)	193 (0,71%)

Readmitted since ND

1= No	76 (74,5%)	18115 (75,8%)
2= Yes, same hospital planned	4 (3,9%)	1637 (6,9%)
3= Yes, same hospital unplanned	20 (19,6%)	1465 (6,1%)
4= Yes, different hospital planned	2 (2,0%)	112 (0,47%)
5= Yes, different hospital unplanned	2 (2,0%)	112 (0,47%)
6= Unknown	-	796 (3,3%)
Missing	-	1597 (6,7%)

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	85 (68,5%)	17526 (66,5%)
I am vegetarian	2 (1,6%)	510 (1,9%)
I adhere to a vegan diet	-	193 (0,73%)
I eat gluten-free diet	2 (1,6%)	244 (0,93%)
I avoid added sugars	17 (13,7%)	3934 (14,9%)
I avoid carbohydrates	8 (6,5%)	1502 (5,7%)
I eat a low fat-diet	4 (3,2%)	2899 (11,0%)
I am lactose intolerant	6 (4,8%)	946 (3,6%)
Other special diet due to intolerances/allergies	3 (2,4%)	469 (1,8%)
Other	12 (9,7%)	1854 (7,0%)
No answer given	1 (0,81%)	1891 (7,2%)
2. Where did you live before your current hospital admission?		
At home	109 (87,9%)	22025 (83,6%)
In a nursing home or other live-in facility	9 (7,3%)	836 (3,2%)
I was transferred from another hospital	1 (0,81%)	1411 (5,4%)
Other	5 (4,0%)	374 (1,4%)
Missing	-	1694 (6,4%)
3. In general, are you able to walk?		
Yes	75 (60,5%)	16014 (60,8%)
Yes, with someone's help	8 (6,5%)	2580 (9,8%)
Yes, independently using a cane, walker, or crutches	27 (21,8%)	3466 (13,2%)
No, I have a wheelchair	9 (7,3%)	1033 (3,9%)
No, I am bedridden	4 (3,2%)	1462 (5,6%)
Missing	1 (0,81%)	1785 (6,8%)
4. In general, how would you say your health is?		
Very good	11 (8,9%)	1854 (7,0%)
Good	46 (37,1%)	8966 (34,0%)
Fair	40 (32,3%)	9409 (35,7%)
Poor	21 (16,9%)	3513 (13,3%)
Very poor	4 (3,2%)	824 (3,1%)
Missing	2 (1,6%)	1774 (6,7%)
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?	5 [1-12]	5 [0-15]
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6. How many different medications do you take routinely each day (prior to hospitalisation)?

1-2	17 (13,7%)	4936 (18,7%)
3-5	35 (28,2%)	6672 (25,3%)
More than 5	61 (49,2%)	7906 (30,0%)
None	9 (7,3%)	3926 (14,9%)
I do not know	1 (0,81%)	1077 (4,1%)
Missing	1 (0,81%)	1823 (6,9%)

7. Do you have health insurance?

Yes, private insurance only	21 (16,9%)	4253 (16,1%)
Yes, public insurance only	51 (41,1%)	12350 (46,9%)
Yes, both	30 (24,2%)	3229 (12,3%)
None	15 (12,1%)	2938 (11,2%)
I prefer not to answer	3 (2,4%)	1314 (5,0%)
Missing	4 (3,2%)	2256 (8,6%)

8. What was your weight 5 years ago?	82 [73-103]	72 [60-85]
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I do not know	26 (21,0%)	6267 (23,8%)
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9a. Have you lost weight within the last 3 months?

Yes, intentionally	11 (8,9%)	2468 (9,4%)
Yes, unintentionally	50 (40,3%)	10065 (38,2%)
No, my weight stayed the same	39 (31,5%)	7869 (29,9%)
No, I gained weight	17 (13,7%)	2857 (10,8%)
I do not know	2 (1,6%)	2512 (9,5%)
Missing	5 (4,0%)	569 (2,2%)

9b. If yes, how many kg did you lose?	9 [5-13]	6 [4-10]
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I do not know	4 (6,6%)	1997 (15,9%)
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10. Did you know about your hospitalisation two days before admission? (Yes)	15 (12,6%)	9602 (40,6%)
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11. Please indicate if you ...

... were weighed at admission	85 (69,1%)	14112 (57,4%)
... were informed about your nutrition status	41 (33,3%)	8364 (34,3%)
... were informed about nutrition care options	41 (33,3%)	7769 (31,9%)
... received special nutrition care	42 (34,4%)	7463 (30,7%)

12. How well have you eaten in the week before you were admitted to the hospital?

More than normal	7 (5,6%)	1163 (4,4%)
Normal	65 (52,4%)	15832 (60,4%)

About 3/4 of normal	10 (8,1%)	2728 (10,4%)
About half of normal	20 (16,1%)	3287 (12,5%)
About a quarter to nearly nothing	20 (16,1%)	2496 (9,5%)
I do not know	1 (0,81%)	264 (1,0%)
Missing	1 (0,81%)	443 (1,7%)

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

Very satisfied	49 (39,5%)	6066 (23,1%)
Somewhat satisfied	30 (24,2%)	8166 (31,2%)
Neutral	18 (14,5%)	4867 (18,6%)
Dissatisfied	9 (7,3%)	2103 (8,0%)
Very dissatisfied	3 (2,4%)	726 (2,8%)
I do not know	13 (10,5%)	2021 (7,7%)
Missing	2 (1,6%)	2264 (8,6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	3 (2,4%)	2448 (9,3%)
Yes, from hospital staff	5 (4,0%)	1670 (6,4%)
No	109 (87,9%)	19193 (73,2%)
I do not know	3 (2,4%)	302 (1,2%)
Missing	4 (3,2%)	2600 (9,9%)

15. Were you able to eat without interruption TODAY? (Yes)	86 (71,7%)	17231 (74,2%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	58 (46,8%)	12095 (46,1%)
1/2	35 (28,2%)	6486 (24,7%)
1/4	13 (10,5%)	3353 (12,8%)
Nothing	13 (10,5%)	3130 (11,9%)
Missing	5 (4,0%)	1149 (4,4%)

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

Standard	74 (59,7%)	15979 (61,0%)
Smaller	12 (9,7%)	2367 (9,0%)
Larger	11 (8,9%)	1119 (4,3%)
I do not know	18 (14,5%)	2429 (9,3%)
Missing	9 (7,3%)	4319 (16,5%)

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

I did not like the type of food offered	12 (19,7%)	2061 (15,9%)
I did not like the smell/taste of the food	6 (9,8%)	1569 (12,1%)
The food did not fit my cultural/religious preferences	-	143 (1,1%)
The food was too hot	-	59 (0,45%)

The food was too cold	-	296 (2,3%)
Due to food allergy/intolerance	-	96 (0,74%)
I was not hungry at that time	13 (21,3%)	2205 (17,0%)
I do not have my usual appetite	16 (26,2%)	3830 (29,5%)
I have problems chewing/swallowing	4 (6,6%)	761 (5,9%)
I normally eat less than what was served	10 (16,4%)	1427 (11,0%)
I had nausea/vomiting	4 (6,6%)	1029 (7,9%)
I was too tired	4 (6,6%)	789 (6,1%)
I cannot eat without help	-	208 (1,6%)
I was not allowed to eat	8 (13,1%)	1289 (9,9%)
I had an exam, surgery, or test and missed my meal	2 (3,3%)	766 (5,9%)
I did not get requested food	-	139 (1,1%)
No answer given	6 (9,8%)	1829 (14,1%)

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	1 [0-2]	1 [1-2]
Milk	1 [0-1]	1 [0-1]
Fruit juice	1 [1-2]	1 [0-2]
Soft drinks	1 [0-2]	0 [0-1]
Nutrition drink	0 [0-1]	0 [0-1]
Other	0 [0-0]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? 13 (11,3%) 6580 (28,9%)

19b. If yes, what did you eat?

Sweet snacks	7 (53,8%)	1928 (29,3%)
Salty snacks	6 (46,2%)	749 (11,4%)
Homemade food	1 (7,7%)	963 (14,6%)
Fruits	1 (7,7%)	2551 (38,8%)
Dairy products	-	724 (11,0%)
Food delivered/restaurant	-	293 (4,5%)
Sandwich	2 (15,4%)	421 (6,4%)
Other	3 (23,1%)	1042 (15,8%)

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

Increased	37 (29,8%)	3706 (14,1%)
Decreased	33 (26,6%)	7774 (29,7%)
Stayed the same	46 (37,1%)	10331 (39,4%)
I do not know	5 (4,0%)	1690 (6,4%)
Missing	3 (2,4%)	2712 (10,3%)

21. TODAY I feel...

Stronger than at admission	68 (54,8%)	11240 (42,9%)
Weaker than at admission	9 (7,3%)	4893 (18,7%)
Same as at admission	36 (29,0%)	7428 (28,3%)
I was admitted today	1 (0,81%)	662 (2,5%)
I do not know	8 (6,5%)	1384 (5,3%)
Missing	2 (1,6%)	606 (2,3%)

22. Can you walk without assistance TODAY?

Yes	74 (59,7%)	15438 (58,9%)
No, only with assistance	34 (27,4%)	6458 (24,6%)
No, I stay in bed	14 (11,3%)	3018 (11,5%)
Missing	2 (1,6%)	1299 (5,0%)

23. Did anyone help you complete this questionnaire?	94 (75,8%)	15731 (65,1%)
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V. Oncology: Unit organisation and structures ("Sheet 1 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	3	331
Computerized system in hospital:	2 units (67%) YES	312 units (94%) YES
Nutritional treatment of cancer patients is part of overall care plan	3 units (100%) YES	297 units (90%) YES
Nutritional treatment is considered...		
Routinely	-	195 (58,9%)
When patient asks	-	88 (26,6%)
When body weight loss > 10%	-	111 (33,5%)
During palliative phase	-	91 (27,5%)
Other	-	23 (6,95%)
Missing	-	31 (9,37%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	-	10 (3,02%)
No knowledge of the field	-	11 (3,32%)
No reimbursement	-	8 (2,42%)
It feeds the tumour	-	2 (0,60%)
Other	-	12 (3,63%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	-	217 (65,6%)
Calculation of energy needs	-	238 (71,9%)
Monitoring patients intake and use of oral supplements	-	283 (85,5%)
None	-	7 (2,11%)
Other	-	16 (4,83%)
Missing	-	8 (2,42%)
Nutritional therapy is not used due to		
Lack of evidence	-	3 (0,91%)
Lack of experience	-	9 (2,72%)
No reimbursement	-	5 (1,51%)
Lack of dietitians	-	14 (4,23%)
Lack of other experts	-	4 (1,21%)
Other	-	7 (2,11%)
Missing	-	1 (0,30%)
Assessment of parameters in cancer patients & methods used:		

Anthropometry/Body composition:**Body weight**

Regularly	2 (66,7%)	224 (67,7%)
At chemotherapy	-	53 (16,0%)
When necessary	1 (33,3%)	43 (13,0%)
Never	-	4 (1,21%)
Unknown	-	3 (0,91%)
Missing	-	4 (1,21%)

Anthropometrics (circumference)

Regularly	-	38 (11,5%)
At chemotherapy	-	7 (2,11%)
When necessary	-	118 (35,6%)
Never	2 (66,7%)	143 (43,2%)
Unknown	1 (33,3%)	10 (3,02%)
Missing	-	15 (4,53%)

BIA

Regularly	-	12 (3,63%)
At chemotherapy	-	4 (1,21%)
When necessary	1 (33,3%)	102 (30,8%)
Never	1 (33,3%)	187 (56,5%)
Unknown	1 (33,3%)	12 (3,63%)
Missing	-	14 (4,23%)

CT SCAN

Regularly	-	13 (3,93%)
At chemotherapy	-	4 (1,21%)
When necessary	2 (66,7%)	84 (25,4%)
Never	-	199 (60,1%)
Unknown	1 (33,3%)	18 (5,44%)
Missing	-	13 (3,93%)

DEXA

Regularly	-	6 (1,81%)
At chemotherapy	-	1 (0,30%)
When necessary	2 (66,7%)	55 (16,6%)
Never	-	227 (68,6%)
Unknown	1 (33,3%)	27 (8,16%)
Missing	-	15 (4,53%)

Other (body composition)

Regularly	-	6 (1,81%)
At chemotherapy	-	1 (0,30%)

When necessary	1 (33,3%)	47 (14,2%)
Never	-	113 (34,1%)
Unknown	1 (33,3%)	47 (14,2%)
Missing	1 (33,3%)	117 (35,3%)

Body function:

Handgrip

Regularly	-	16 (4,83%)
At chemotherapy	-	9 (2,72%)
When necessary	1 (33,3%)	98 (29,6%)
Never	1 (33,3%)	176 (53,2%)
Unknown	1 (33,3%)	16 (4,83%)
Missing	-	16 (4,83%)

6-minutes walking test

Regularly	-	12 (3,63%)
At chemotherapy	-	7 (2,11%)
When necessary	-	76 (23,0%)
Never	-	193 (58,3%)
Unknown	3 (100%)	21 (6,34%)
Missing	-	22 (6,65%)

Other (body function)

Regularly	-	16 (4,83%)
At chemotherapy	-	1 (0,30%)
When necessary	-	60 (18,1%)
Never	-	120 (36,3%)
Unknown	2 (66,7%)	45 (13,6%)
Missing	1 (33,3%)	89 (26,9%)

Nutritional requirements, calculated

Regularly	1 (33,3%)	107 (32,3%)
At chemotherapy	-	3 (0,91%)
When necessary	2 (66,7%)	160 (48,3%)
Never	-	15 (4,53%)
Unknown	-	5 (1,51%)
Missing	-	41 (12,4%)

Nutritional intake:

Every meal

Regularly	2 (66,7%)	84 (25,4%)
At chemotherapy	-	3 (0,91%)
When necessary	1 (33,3%)	143 (43,2%)
Never	-	39 (11,8%)

Unknown	-	17 (5,14%)
Missing	-	45 (13,6%)
1 meal per day		
Regularly	1 (33,3%)	26 (7,85%)
At chemotherapy	-	3 (0,91%)
When necessary	-	112 (33,8%)
Never	-	67 (20,2%)
Unknown	1 (33,3%)	21 (6,34%)
Missing	1 (33,3%)	102 (30,8%)
2 meals per day		
Regularly	1 (33,3%)	26 (7,85%)
At chemotherapy	-	1 (0,30%)
When necessary	-	109 (32,9%)
Never	-	69 (20,8%)
Unknown	1 (33,3%)	20 (6,04%)
Missing	1 (33,3%)	106 (32,0%)
24h recall		
Regularly	-	67 (20,2%)
At chemotherapy	-	8 (2,42%)
When necessary	2 (66,7%)	130 (39,3%)
Never	-	43 (13,0%)
Unknown	-	16 (4,83%)
Missing	1 (33,3%)	67 (20,2%)
Other (nutritional intake)		
Regularly	-	12 (3,63%)
At chemotherapy	-	1 (0,30%)
When necessary	1 (33,3%)	61 (18,4%)
Never	-	55 (16,6%)
Unknown	1 (33,3%)	43 (13,0%)
Missing	1 (33,3%)	159 (48,0%)
Questionnaire completed by		
Dietitian	3 (100%)	142 (42,9%)
Nurse	-	83 (25,1%)
Physician	-	75 (22,7%)
Nutritional scientist	-	22 (6,65%)
Other	-	2 (0,60%)
Missing	-	7 (2,11%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	18	3278
Demographic data:		
Age (years)	67 [30-91]	64 [18-102]
Female gender	9 (50,0%)	1437 (43,8%)
Weight (kg)	79,8 ± 33,1	65,7 ± 16,5
Height (cm)	165,2 ± 9,0	165,3 ± 9,9
BMI (kg/m2)	29,0 ± 11,5	23,9 ± 4,9
Outpatient (o)/Ward (w)		
Outpatient(o)	1 (5,56%)	166 (5,06%)
Ward (w)	17 (94,4%)	3101 (94,6%)
Missing	-	11 (0,34%)
Goal of Therapy		
Curative	16 (88,9%)	1959 (59,8%)
Palliative	2 (11,1%)	1091 (33,3%)
Terminal	-	153 (4,67%)
Missing	-	75 (2,29%)
Reason for admission		
Clinical diagnostics	-	408 (12,4%)
Therapy	-	1529 (46,6%)
Surgery related	-	631 (19,2%)
Treatment complications	-	459 (14,0%)
Poor health status	-	430 (13,1%)
Independent care difficult	-	29 (0,88%)
Missing	-	-
Present cancer diagnosis		
Breast	-	236 (7,20%)
Colon, rectum	-	504 (15,4%)
Prostate	-	102 (3,11%)
Lung	-	328 (10,0%)
Skin	-	30 (0,92%)
Kidney/bladder	-	128 (3,90%)
Gastric/oesophageal	-	396 (12,1%)
Pancreas	-	184 (5,61%)
Lymphoma	-	284 (8,66%)
Ears nose throat (ENT)	-	140 (4,27%)
Leukaemia	-	243 (7,41%)

Genital tract	-	109 (3,33%)
Liver	-	260 (7,93%)
Sarcoma	-	46 (1,40%)
Brain	-	52 (1,59%)
Testicular	-	14 (0,43%)
Other	-	338 (10,3%)
Missing	-	45 (1,37%)

Time since diagnosis

0-2 months	6 (33,3%)	1019 (31,1%)
3-5 months	-	544 (16,6%)
6-12 months	3 (16,7%)	551 (16,8%)
1-2 years	4 (22,2%)	436 (13,3%)
2-4 years	1 (5,56%)	308 (9,40%)
> 4 years	3 (16,7%)	319 (9,73%)
Missing	-	66 (2,01%)

Cancer staging

0=Carcinoma in situ	2 (11,1%)	152 (4,64%)
I=Localized	1 (5,56%)	654 (20,0%)
II=Early locally advanced	3 (16,7%)	584 (17,8%)
III=Late locally advanced	4 (22,2%)	523 (16,0%)
IV=Metastasised	7 (38,9%)	993 (30,3%)
Missing	1 (5,56%)	372 (11,3%)

Time since first therapy start

No therapy	-	319 (9,73%)
Tumour staging/diagnosis	-	314 (9,58%)
0-2 months	-	932 (28,4%)
3-5 months	-	427 (13,0%)
6-12 months	-	498 (15,2%)
1-2 years	-	342 (10,4%)
2-4 years	-	243 (7,41%)
> 4 years	-	284 (8,66%)
Missing	-	57 (1,74%)

Therapy situation

Diagnosis	-	345 (10,5%)
Chemotherapy 1st line	-	694 (21,2%)
Chemotherapy > 1st line	-	584 (17,8%)
Radiotherapy	-	262 (7,99%)
Target therapy	-	86 (2,62%)
Hormone therapy	-	38 (1,16%)
Palliative	-	321 (9,79%)

Surgery	-	846 (25,8%)
Cancer related complications	-	299 (9,12%)
Therapy related complications	-	138 (4,21%)
Missing	-	55 (1,68%)

Infections

None	17 (94,4%)	2414 (73,6%)
Local	1 (5,56%)	506 (15,4%)
General	-	274 (8,36%)
Missing	-	84 (2,56%)

Nutrition Treatment

No special diet	-	1329 (40,5%)
Individualized diet plan	-	974 (29,7%)
Energy rich/protein rich ONS	-	624 (19,0%)
Enteral nutrition (via NGT/PEG)	-	184 (5,61%)
Parenteral nutrition	-	312 (9,52%)
ONS enriched with special nutrients	-	100 (3,05%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	49 (1,49%)
Personal preferences	-	342 (10,4%)
Counselling	-	234 (7,14%)
Other	-	132 (4,03%)
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:	18	3248
Body weight prior to becoming ill	85 [50-196]	70 [20-180]
Actual body weight	73 [44-196]	64 [11-175]
Change in weight was		
Intentional	-	130 (3,97%)
Unintentional	8 (44,4%)	2109 (64,3%)
Weight is stable	4 (22,2%)	524 (16,0%)
Missing	1 (5,56%)	99 (3,02%)
During the last week		
Patients who have had pain:		
Not at all	5 (27,8%)	1075 (32,8%)
A little	7 (38,9%)	966 (29,5%)
Quite a bit	2 (11,1%)	585 (17,8%)
Very much	4 (22,2%)	379 (11,6%)
Missing	-	242 (7,38%)
Patients who needed a rest:		
Not at all	2 (11,1%)	676 (20,6%)
A little	8 (44,4%)	995 (30,4%)
Quite a bit	4 (22,2%)	774 (23,6%)
Very much	4 (22,2%)	535 (16,3%)
Missing	-	256 (7,81%)
Patients who felt weak:		
Not at all	5 (27,8%)	688 (21,0%)
A little	4 (22,2%)	995 (30,4%)
Quite a bit	5 (27,8%)	783 (23,9%)
Very much	4 (22,2%)	535 (16,3%)
Missing	-	244 (7,44%)
Patients who felt depressed:		
Not at all	10 (55,6%)	1154 (35,2%)
A little	6 (33,3%)	1026 (31,3%)
Quite a bit	-	499 (15,2%)
Very much	2 (11,1%)	282 (8,60%)
Missing	-	255 (7,78%)

Patients who were tired:

Not at all	1 (5,56%)	700 (21,4%)
A little	6 (33,3%)	1048 (32,0%)
Quite a bit	7 (38,9%)	755 (23,0%)
Very much	4 (22,2%)	494 (15,1%)
Missing	-	243 (7,41%)

Patients whose pain interfered with their daily activities:

Not at all	7 (38,9%)	1203 (36,7%)
A little	4 (22,2%)	789 (24,1%)
Quite a bit	-	548 (16,7%)
Very much	7 (38,9%)	421 (12,8%)
Missing	-	267 (8,15%)

Patients who lacked appetite:

Not at all	7 (38,9%)	1102 (33,6%)
A little	7 (38,9%)	840 (25,6%)
Quite a bit	-	567 (17,3%)
Very much	4 (22,2%)	465 (14,2%)
Missing	-	261 (7,96%)

Just now**Patients who have pain:**

Not at all	9 (50,0%)	1281 (39,1%)
A little	5 (27,8%)	1090 (33,3%)
Quite a bit	2 (11,1%)	444 (13,5%)
Very much	1 (5,56%)	167 (5,09%)
Missing	-	258 (7,87%)

Patients who need a rest:

Not at all	3 (16,7%)	671 (20,5%)
A little	9 (50,0%)	1142 (34,8%)
Quite a bit	4 (22,2%)	759 (23,2%)
Very much	-	393 (12,0%)
Missing	1 (5,56%)	266 (8,11%)

Patients who feel weak:

Not at all	3 (16,7%)	760 (23,2%)
A little	7 (38,9%)	1079 (32,9%)
Quite a bit	4 (22,2%)	740 (22,6%)
Very much	1 (5,56%)	386 (11,8%)
Missing	2 (11,1%)	265 (8,08%)

Patients who are depressed:

Not at all	9 (50,0%)	1318 (40,2%)
A little	5 (27,8%)	1001 (30,5%)
Quite a bit	-	431 (13,1%)
Very much	2 (11,1%)	199 (6,07%)
Missing	1 (5,56%)	270 (8,24%)

Patients who are tired:

Not at all	4 (22,2%)	799 (24,4%)
A little	8 (44,4%)	1157 (35,3%)
Quite a bit	4 (22,2%)	651 (19,9%)
Very much	1 (5,56%)	352 (10,7%)
Missing	-	270 (8,24%)

Patients whose pain interferes with their daily activities:

Not at all	8 (44,4%)	1232 (37,6%)
A little	4 (22,2%)	858 (26,2%)
Quite a bit	2 (11,1%)	531 (16,2%)
Very much	1 (5,56%)	318 (9,70%)
Missing	2 (11,1%)	288 (8,79%)

Patients who lack appetite:

Not at all	7 (38,9%)	1159 (35,4%)
A little	6 (33,3%)	880 (26,8%)
Quite a bit	2 (11,1%)	550 (16,8%)
Very much	2 (11,1%)	355 (10,8%)
Missing	-	285 (8,69%)

Reasons for change in appetite/food intake

Nausea/Vomiting	-	612 (18,7%)
Inflammation in mouth	-	160 (4,88%)
Pain	-	454 (13,8%)
Constipation	-	258 (7,87%)
Diarrhea	-	188 (5,74%)
Change in taste/smell	-	447 (13,6%)
Early satiation/Loss of appetite	-	771 (23,5%)
Other	-	544 (16,6%)
Missing	10 (55,6%)	121 (3,69%)

Maximum activity performed by patients

Able to do sports	1 (5,56%)	135 (4,12%)
Fully active	1 (5,56%)	462 (14,1%)
Able to carry out light activities	2 (11,1%)	675 (20,6%)
Able to carry out self care	4 (22,2%)	777 (23,7%)
Able to carry out limited self care	8 (44,4%)	487 (14,9%)

Confined to bed or chair	2 (11,1%)	463 (14,1%)
Missing	-	254 (7,75%)
Patient takes additional (without prescription)		
Nothing	-	2113 (64,5%)
Herbal tea	-	278 (8,48%)
Nutritional supplements	-	292 (8,91%)
Multivitamin	-	131 (4,00%)
Other medication	-	124 (3,78%)
Other	-	146 (4,45%)
Missing	-	311 (9,49%)
Additional activities performed		
Nothing	-	2374 (72,4%)
Psychotherapy	-	69 (2,10%)
Yoga	-	35 (1,07%)
Meditation	-	121 (3,69%)
Progressive muscle relaxation	-	46 (1,40%)
Qigong	-	10 (0,31%)
Other	-	316 (9,64%)
Missing	-	354 (10,8%)
Patients having difficulties in complying with treatment	6 (33,3%)	701 (21,4%)
Patients needing help to complete questionnaire	18 (100%)	1819 (55,5%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	15 (83,3%)	2090 (63,8%)