



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:	6
Number of participated units:	18
Number of patients:	486
Number of patients who gave consent:	379
Number of patients completing Sheet 3a:	358
Number of patients completing Sheet 3b:	355
Number of cancer patients:	92
Number of patients completing Sheet 2_onco:	77
Number of patients completing Sheet 3_onco:	76
Number of patients with 30-day outcome assessment:	324

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	460 [447-818]	333 [194-630]
2. Total number of admissions in the hospital last year	108550 [59870-115206]	18005 [9101-36130]
3. Total number of staff in the hospital		
Total medical doctors	200 [118-305]	173 [80-399]
Medical specialists	105 [90-160]	116 [53-250]
Medical non-specialists	28 [24-40]	37 [14-84]
Nurses	520 [453-944]	420 [183-836]
Dieticians	10 [10-12]	5 [2-9]
Nutritionists	1 [0-1]	1 [0-4]
Pharmacists	34 [28-35]	7 [4-21]
Kitchen staff	9 [7-11]	31 [15-59]
Full time equivalent		
Total medical doctors	-	148 [60-373]
Medical specialists	-	98 [45-251]
Medical non-specialists	-	36 [11-99]
Nurses	-	364 [180-788]
Dieticians	-	5 [2-8]
Nutritionists	-	1 [0-3]
Pharmacists	-	6 [3-18]
Kitchen staff	-	29 [15-55]
4. Does the hospital have a nutrition care strategy?	5 (83,3%) Yes	498 (79,4%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	4 (66,7%) Yes	434 (66,7%) Yes
Nutrition steering committee is available	6 (100,0%) Yes	388 (59,6%) Yes
Quality indicators are recorded and reported to national or regional level	1 (16,7%) Yes	263 (40,4%) Yes
Quality indicators are used for internal benchmarking	3 (50,0%) Yes	337 (51,8%) Yes
Patient feedback about food and food service is collected using a questionnaire	5 (83,3%) Yes	475 (73,0%) Yes
None	1 (16,7%) 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	4 (66,7%) Yes	313 (48,1%) Yes

Oral nutrition supplements	0 (0,0%) Yes	239 (36,7%) Yes
Parenteral nutrition	4 (66,7%) Yes	375 (57,6%) Yes
Enteral nutrition	2 (33,3%) Yes	334 (51,3%) Yes
Dietary counseling	3 (50,0%) Yes	235 (36,1%) Yes
Specific dietary interventions	0 (0,0%) Yes	181 (27,8%) Yes
Screening for malnutrition	0 (0,0%) Yes	187 (28,7%) Yes
Risk of malnutrition	0 (0,0%) Yes	160 (24,6%) Yes
Malnutrition (in general)	0 (0,0%) Yes	294 (45,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	0 (0,0%) Yes	280 (43,0%) Yes
No information available from billing/finance/controlling	1 (16,7%) Yes	109 (16,7%) Yes
No answer given	-	42 (6,5%)

Codes routinely used

Nutrition Support	4 (66,7%) Yes	270 (41,5%) Yes
Oral nutrition supplements	0 (0,0%) Yes	209 (32,1%) Yes
Parenteral nutrition	4 (66,7%) Yes	343 (52,7%) Yes
Enteral nutrition	2 (33,3%) Yes	307 (47,2%) Yes
Dietary counseling	3 (50,0%) Yes	198 (30,4%) Yes
Specific dietary interventions	0 (0,0%) Yes	159 (24,4%) Yes
Screening for malnutrition	0 (0,0%) Yes	149 (22,9%) Yes
Risk of malnutrition	0 (0,0%) Yes	128 (19,7%) Yes
Malnutrition (in general)	0 (0,0%) Yes	255 (39,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	0 (0,0%) Yes	242 (37,2%) Yes
No information available from billing/finance/controlling	1 (16,7%) 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	3 (16,7%)	21.1%
Internal Medicine / Cardiology	2 (11,1%)	4.3%
Internal Medicine / Gastroenterology & hepatology	1 (5,6%)	7.8%
Internal Medicine / Geriatrics	1 (5,6%)	9.7%
Internal Medicine / Infectious diseases	0 (0,0%)	0.6%
Internal Medicine / Nephrology	0 (0,0%)	1.2%
Internal Medicine / Oncology (incl. radiotherapy)	0 (0,0%)	8.1%
Interdisciplinary	0 (0,0%)	3.4%
Long term care	0 (0,0%)	2.0%
Neurology	0 (0,0%)	3.6%
Surgery / General	2 (11,1%)	15.7%
Surgery/ Cardiac/Vascular/Thoracic	0 (0,0%)	1.4%
Surgery / Neurosurgery	0 (0,0%)	0.9%
Surgery / Orthopedic	2 (11,1%)	4.2%
Trauma	0 (0,0%)	0.9%
Ear Nose Throat (ENT)	1 (5,6%)	1.7%
Gynecology / Obstetrics	1 (5,6%)	1.4%
Pediatrics	0 (0,0%)	0.1%
Psychiatry	0 (0,0%)	0.9%
Others	5 (27,8%)	11.1%
2. Number of registered inpatients at noon	35 [30-42]	25 [19-32]
3. Total bed capacity of the unit	45 [38-52]	30 [24-40]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	8 [6-10]	4 [2-7]
Nurses	12 [10-13]	5 [3-8]
Nursing aides	1 [0-2]	2 [1-4]
Dieticians	0 [0-1]	1 [0-1]
Nutritionists	0 [0-0]	0 [0-1]
Administrative staff	0 [0-1]	1 [0-1]
Other staff involved in patient care	0 [0-0]	1 [0-2]
In training		
Medical doctors	0 [0-1]	1 [0-3]
Medical students	0 [0-0]	0 [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? 15 (100,0%) Yes 1018 (78,3%) Yes

6. Does the unit have a nutrition care strategy? 15 (100,0%) Yes 984 (75,7%) Yes

7. Is there a person in your unit responsible for nutrition care? 7 (46,7%) Yes 922 (70,9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 15 (100,0%) Yes 1239 (90,8%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 15 (100,0%) 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	8 (44,4%) Yes	102 (7,1%)
Weighing / BMI only	-	201 (14,1%)
Nutritional Risk Screening (NRS) 2002	-	462 (32,3%)
Malnutrition Universal Screening Tool (MUST)	-	81 (5,7%)
Malnutrition Screening tool (MST)	-	115 (8,0%)
SNAQ	-	13 (0,91%)
Other formal tool	7 (38,9%) Yes	249 (17,4%)
I do not know	-	11 (0,77%)
Missing	3 (16,7%)	66 (4,6%)

During hospital stay

No routine monitoring	-	133 (9,3%)
No fixed criteria	-	118 (8,3%)
Experience / visual assessment only	8 (44,4%) Yes	235 (16,4%)
Weighing / BMI only	1 (5,6%) Yes	471 (32,9%)
Other formal tool	6 (33,3%) Yes	375 (26,2%)
I do not know	-	32 (2,2%)
Missing	3 (16,7%)	66 (4,6%)

11a. Do you routinely use guidelines or standards for nutrition care? 14 (100,0%) Yes 1043 (82,1%) Yes

11b. If yes, which one is mainly used?		
International guidelines	1 (7,1%) Yes	257 (24,6%)
National guidelines	2 (14,3%) Yes	166 (15,9%)
Standards on hospital level	9 (64,3%) Yes	378 (36,2%)
Standards on unit level	1 (7,1%) Yes	65 (6,2%)
Individual patient nutrition care plans	1 (7,1%) 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	15 (83,3%) Yes	399 (27,9%)
Discuss nutrition care activities during ward rounds	14 (77,8%) Yes	614 (42,9%)
Develop an individual nutrition care plan	13 (72,2%) Yes	720 (50,3%)
Initiate treatment / nutrition intervention	3 (16,7%) Yes	820 (57,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	9 (50,0%) Yes	828 (57,9%)
Consult a medical professional	11 (61,1%) Yes	505 (35,3%)
Calculate energy requirements	12 (66,7%) Yes	652 (45,6%)
Calculate protein requirements	12 (66,7%) Yes	630 (44,1%)

Malnourished

Watchful waiting	11 (61,1%) Yes	280 (19,6%)
Discuss nutrition care activities during ward rounds	14 (77,8%) Yes	675 (47,2%)
Develop an individual nutrition care plan	13 (72,2%) Yes	792 (55,4%)
Initiate treatment / nutrition intervention	13 (72,2%) Yes	884 (61,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	14 (77,8%) Yes	823 (57,6%)
Consult a medical professional	13 (72,2%) Yes	579 (40,5%)
Calculate energy requirements	13 (72,2%) Yes	763 (53,4%)
Calculate protein requirements	13 (72,2%) Yes	745 (52,1%)

Every patient

Watchful waiting	2 (11,1%) Yes	700 (49,0%)
Discuss nutrition care activities during ward rounds	-	358 (25,0%)
Develop an individual nutrition care plan	1 (5,6%) Yes	250 (17,5%)
Initiate treatment / nutrition intervention	1 (5,6%) Yes	197 (13,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (5,6%) Yes	264 (18,5%)
Consult a medical professional	1 (5,6%) Yes	307 (21,5%)
Calculate energy requirements	2 (11,1%) Yes	186 (13,0%)
Calculate protein requirements	2 (11,1%) Yes	168 (11,7%)

Never

Watchful waiting	-	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	-	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	1 (5,6%) Yes	34 (2,4%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	33 (2,3%)
Consult a medical professional	2 (11,1%) 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	14 (77,8%) Yes	928 (64,9%)
Within 24 hours	1 (5,6%) Yes	210 (14,7%)
Within 48 hours	-	79 (5,5%)
Within 72 hours	-	39 (2,7%)
Every week	13 (72,2%) Yes	627 (43,8%)
Occasionally	10 (55,6%) Yes	158 (11,0%)
When requested	13 (72,2%) 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	14 (77,8%) Yes	1096 (76,6%)
Offer meal choices	13 (72,2%) Yes	1055 (73,8%)
Offer different portion sizes	15 (83,3%) Yes	934 (65,3%)
Consider food presentation	10 (55,6%) Yes	502 (35,1%)
Change food texture/consistency as needed	14 (77,8%) Yes	1175 (82,2%)
Consider patient problems with eating and drinking	10 (55,6%) Yes	1166 (81,5%)
Ensure that mealtimes are undisturbed/protected mealtime policy	10 (55,6%) Yes	324 (22,7%)
Promote positive eating environment	13 (72,2%) Yes	419 (29,3%)
Consider cultural/religious preferences	5 (27,8%) Yes	903 (63,1%)
Consider patient allergies / intolerances	14 (77,8%) Yes	1045 (73,1%)
Other	1 (5,6%) Yes	103 (7,2%)

I do not know	1 (5,6%)	Yes	26 (1,8%)
No answer given	3 (16,7%)		67 (4,7%)

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

Nutrition training is available	13 (72,2%)	Yes	821 (57,4%)
Reporting of nutrition related information to hospital managers	3 (16,7%)	Yes	608 (42,5%)
Quality indicators are recorded and reported to national or regional level	3 (16,7%)	Yes	448 (31,3%)
Quality indicators are used for internal benchmarking	8 (44,4%)	Yes	513 (35,9%)
Patient feedback about food and food service is collected using a questionnaire	15 (83,3%)	Yes	884 (61,8%)
None	-		41 (2,9%)
I do not know	-		61 (4,3%)
No answer given	3 (16,7%)		151 (10,6%)

16. At admission what is asked and documented?

Change in weight	15 (83,3%)	Yes	1104 (77,2%)
Eating habits/difficulties	13 (72,2%)	Yes	1041 (72,8%)
Nutrition before admission	13 (72,2%)	Yes	823 (57,6%)
None	-		18 (1,3%)
I do not know	-		33 (2,3%)
No answer given	3 (16,7%)		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	14 (77,8%)	Yes	1037 (72,5%)
nutrition treatment	14 (77,8%)	Yes	837 (58,5%)
None	-		65 (4,5%)
I do not know	-		42 (2,9%)

b. Discharge Letter ...

summarizes nutrition treatment received during stay	7 (38,9%)	Yes	592 (41,4%)
makes future nutrition-related recommendations	2 (11,1%)	Yes	816 (57,1%)
None	1 (5,6%)	Yes	137 (9,6%)
I do not know	7 (38,9%)	Yes	128 (9,0%)

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	14 (93,3%)	Yes	519 (45,2%)	Yes
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19. Who filled in this sheet?

Head staff	-		411 (28,7%)
Dietician	5 (27,8%)	Yes	717 (50,1%)
Nurse	4 (22,2%)	Yes	388 (27,1%)

Physician	8 (44,4%) Yes	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	379	27195
Age	73 [60-81]	67 [53-78]
Female	157 (41,4%)	13525 (49,7%)
Weight	60,6±17,8	69,9±18,9
Height	161±9	165±10
BMI	23,0±5,2	25,5±5,9

1. This hospital admission was...

planned	210 (55,4%)	9881 (36,3%)
an emergency	169 (44,6%)	14977 (55,1%)
I do not know	-	2337 (8,6%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	36 (9,5%)	2442 (9,0%)
0200 Neoplasms	96 (25,3%)	4873 (17,9%)
0300 Blood and bloodforming organs and the immune mechanism	11 (2,9%)	1724 (6,3%)
0400 Endocrine, nutritional and metabolic diseases	39 (10,3%)	3266 (12,0%)
0500 Mental health	2 (0,53%)	1218 (4,5%)
0600 Nervous system	20 (5,3%)	2493 (9,2%)
0700 Eye and adnexa	20 (5,3%)	339 (1,2%)
0800 Ear and mastoid process	1 (0,26%)	172 (0,63%)
0900 Circulatory system	61 (16,1%)	5629 (20,7%)
1000 Respiratory system	83 (21,9%)	4217 (15,5%)
1100 Digestive system	73 (19,3%)	6840 (25,2%)
1200 Skin and subcutaneous tissue	9 (2,4%)	1244 (4,6%)
1300 Musculoskeletal system and connective tissue	59 (15,6%)	4246 (15,6%)
1400 Genitourinary system	28 (7,4%)	2809 (10,3%)
1500 Pregnancy, childbirth and the puerperium	10 (2,6%)	222 (0,82%)
1600 Conditions originating in the perinatal period	2 (0,53%)	36 (0,13%)
1700 Congenital/chromosomal abnormalities	-	52 (0,19%)
1800 Symptoms, signs, abnormal clinical/lab findings	-	1319 (4,9%)
1900 Injury, poisoning	7 (1,8%)	724 (2,7%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	1 (0,26%)	671 (2,5%)
2100 Factors influencing health status and contact with health services	6 (1,6%)	990 (3,6%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	30 (8,0%)	5264 (21,3%)
Myocardial infarction	24 (6,3%)	1338 (5,5%)
Chronic lung disease	33 (8,7%)	3466 (14,1%)
Cerebral vascular disease	27 (7,2%)	2274 (9,3%)
Peripheral vascular disease	16 (4,3%)	2842 (11,6%)
Chronic liver disease	17 (4,5%)	1477 (6,1%)
Chronic kidney disease	30 (8,0%)	2817 (11,6%)
Diabetes	80 (21,2%)	5968 (24,2%)
Cancer	92 (24,4%)	5709 (23,2%)
Infection	34 (9,0%)	3578 (14,6%)
Dementia	9 (2,4%)	1229 (5,1%)
Major depressive disorder	4 (1,1%)	1233 (5,1%)
Other chronic mental disorder	8 (2,1%)	1229 (5,1%)
Other chronic disease	48 (12,7%)	6369 (25,9%)
None	109 (28,8%)	4869 (17,9%)

4a. Previous operation during this hospital stay

Yes, planned	116 (30,6%)	5304 (19,5%)
Yes, acute	27 (7,1%)	1634 (6,0%)
No	231 (60,9%)	17917 (65,9%)
I do not know	-	313 (1,2%)
Missing	5 (1,3%)	2027 (7,5%)

Days since operation	6 [1-13]	3 [1-11]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	41 (10,8%)	1998 (7,3%)
Yes, later	14 (3,7%)	1411 (5,2%)
No	316 (83,4%)	19908 (73,2%)
I do not know	-	1082 (4,0%)
Missing	8 (2,1%)	2796 (10,3%)

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

37 (9,8%)	2731 (10,6%)
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6. Is this patient terminally ill?

15 (4,0%)	1729 (6,4%)
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7. Fluid status

Normal	256 (67,5%)	20820 (76,6%)
Overloaded	9 (2,4%)	1466 (5,4%)
Dehydrated	6 (1,6%)	1298 (4,8%)
I do not know	108 (28,5%)	3611 (13,3%)
Missing	-	-

8. Number of different medications planned

Oral	5 [2-9]	5 [2-8]
Other	0 [0-1]	2 [1-4]

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

Malnourished	32 (8,4%)	3264 (12,0%)
At risk	106 (28,0%)	4856 (17,9%)
No	238 (62,8%)	16820 (61,8%)
I do not know	3 (0,79%)	2255 (8,3%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	101 (26,6%)	9496 (34,9%)
5% Glucose solution	6 (1,6%)	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	224 (59,1%)	15788 (58,1%)
Fortified/enriched hospital food	5 (1,3%)	3133 (11,5%)
Protein/energy supplement (e.g. ONS drinks)	18 (4,7%)	4012 (14,8%)
Enteral nutrition	6 (1,6%)	1315 (4,8%)
Parenteral nutrition	59 (15,6%)	1286 (4,7%)
Special diet	122 (32,2%)	8834 (32,5%)
None	5 (1,3%)	1283 (4,7%)

13a. All lines and Tubes

Central Venous	15 (4,0%)	2360 (9,2%)
Peripheral venous access	118 (31,1%)	12501 (48,7%)
Nasogastric	4 (1,1%)	680 (2,6%)
Nasojejunal	-	135 (0,53%)
Nasoduodenal	-	99 (0,39%)
Enterostoma	-	126 (0,49%)
Percutaneous endoscopy/surgical gastrostomy	2 (0,53%)	234 (0,91%)
Percutaneous endoscopy/surgical jejunostomy	-	95 (0,37%)
None	245 (64,6%)	12303 (45,2%)

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

Yes, previously	7 (1,8%)	362 (1,3%)
Yes, ongoing	6 (1,6%)	227 (0,83%)
No	313 (82,6%)	21227 (78,1%)
I do not know	20 (5,3%)	2312 (8,5%)
Missing	33 (8,7%)	3067 (11,3%)

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

Energy requirements were determined	262 (69,1%)	9593 (37,3%)
Protein requirements were determined	247 (65,2%)	8543 (33,3%)
Food/Nutrition intake was recorded in the patient record	254 (67,0%)	11079 (43,1%)
Nutrition treatment plan was developed	220 (58,0%)	9042 (35,2%)
Nutrition expert was consulted	75 (19,8%)	9313 (36,3%)
Malnutrition status is recorded in the patient record	79 (20,8%)	8238 (32,1%)
None	-	-

15a. Energy goal

< 500 kcal	28 (7,4%)	1046 (3,8%)
500-999 kcal	16 (4,2%)	269 (0,99%)
1000-1499 kcal	107 (28,2%)	2400 (8,8%)
1500-1999 kcal	162 (42,7%)	8218 (30,2%)
>=2000 kcal	26 (6,9%)	2704 (9,9%)
Not determined	10 (2,6%)	8749 (32,2%)
I do not know	30 (7,9%)	2265 (8,3%)
Missing	-	1544 (5,7%)

15b. Energy intake

< 500 kcal	46 (12,1%)	1697 (6,2%)
500-999 kcal	28 (7,4%)	1257 (4,6%)
1000-1499 kcal	96 (25,3%)	3424 (12,6%)
1500-1999 kcal	146 (38,5%)	5999 (22,1%)
>=2000 kcal	21 (5,5%)	1448 (5,3%)
Not determined	4 (1,1%)	8533 (31,4%)
I do not know	38 (10,0%)	3276 (12,0%)
Missing	-	1561 (5,7%)

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

Improved	94 (24,8%)	12837 (47,2%)
Deteriorated	22 (5,8%)	1433 (5,3%)
Remained the same	200 (52,8%)	7057 (25,9%)
This patient has just been admitted	37 (9,8%)	1699 (6,2%)
I do not know	26 (6,9%)	2663 (9,8%)
Missing	-	1506 (5,5%)

Length of hospital stay (days)	17 [8-29]	12 [6-23]
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Outcome Code

1= Still in the hospital	64 (16,9%)	2601 (9,6%)
2= Transferred to another hospital	10 (2,6%)	571 (2,1%)
3= Transferred to long term care	3 (0,79%)	1107 (4,1%)

4= Rehabilitation	2 (0,53%)	1222 (4,5%)
5= Discharged home	239 (63,1%)	20149 (74,1%)
6= Death	6 (1,6%)	845 (3,1%)
7= Others	-	507 (1,9%)
Missing	55 (14,5%)	193 (0,71%)

Readmitted since ND

1= No	234 (90,0%)	18115 (75,8%)
2= Yes, same hospital planned	12 (4,6%)	1637 (6,9%)
3= Yes, same hospital unplanned	9 (3,5%)	1465 (6,1%)
4= Yes, different hospital planned	1 (0,38%)	112 (0,47%)
5= Yes, different hospital unplanned	1 (0,38%)	112 (0,47%)
6= Unknown	3 (1,2%)	796 (3,3%)
Missing	1 (0,38%)	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	279 (77,9%)	17526 (66,5%)
I am vegetarian	9 (2,5%)	510 (1,9%)
I adhere to a vegan diet	7 (2,0%)	193 (0,73%)
I eat gluten-free diet	3 (0,84%)	244 (0,93%)
I avoid added sugars	33 (9,2%)	3934 (14,9%)
I avoid carbohydrates	15 (4,2%)	1502 (5,7%)
I eat a low fat-diet	22 (6,1%)	2899 (11,0%)
I am lactose intolerant	6 (1,7%)	946 (3,6%)
Other special diet due to intolerances/allergies	12 (3,4%)	469 (1,8%)
Other	5 (1,4%)	1854 (7,0%)
No answer given	31 (8,7%)	1891 (7,2%)
2. Where did you live before your current hospital admission?		
At home	314 (87,7%)	22025 (83,6%)
In a nursing home or other live-in facility	6 (1,7%)	836 (3,2%)
I was transferred from another hospital	7 (2,0%)	1411 (5,4%)
Other	6 (1,7%)	374 (1,4%)
Missing	25 (7,0%)	1694 (6,4%)
3. In general, are you able to walk?		
Yes	274 (76,5%)	16014 (60,8%)
Yes, with someone's help	14 (3,9%)	2580 (9,8%)
Yes, independently using a cane, walker, or crutches	41 (11,5%)	3466 (13,2%)
No, I have a wheelchair	23 (6,4%)	1033 (3,9%)
No, I am bedridden	3 (0,84%)	1462 (5,6%)
Missing	3 (0,84%)	1785 (6,8%)
4. In general, how would you say your health is?		
Very good	16 (4,5%)	1854 (7,0%)
Good	97 (27,1%)	8966 (34,0%)
Fair	147 (41,1%)	9409 (35,7%)
Poor	81 (22,6%)	3513 (13,3%)
Very poor	9 (2,5%)	824 (3,1%)
Missing	8 (2,2%)	1774 (6,7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	7 [3-12]	5 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	0 [0-1]	1 [0-2]

... how many nights in total have you spent in hospital?	2 [0-12]	5 [0-15]
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6. How many different medications do you take routinely each day (prior to hospitalisation)?

1-2	70 (19,6%)	4936 (18,7%)
3-5	93 (26,0%)	6672 (25,3%)
More than 5	98 (27,4%)	7906 (30,0%)
None	47 (13,1%)	3926 (14,9%)
I do not know	23 (6,4%)	1077 (4,1%)
Missing	27 (7,5%)	1823 (6,9%)

7. Do you have health insurance?

Yes, private insurance only	9 (2,5%)	4253 (16,1%)
Yes, public insurance only	135 (37,7%)	12350 (46,9%)
Yes, both	163 (45,5%)	3229 (12,3%)
None	5 (1,4%)	2938 (11,2%)
I prefer not to answer	18 (5,0%)	1314 (5,0%)
Missing	28 (7,8%)	2256 (8,6%)

8. What was your weight 5 years ago?

	60 [52-70]	72 [60-85]
I do not know	93 (26,0%)	6267 (23,8%)

9a. Have you lost weight within the last 3 months?

Yes, intentionally	52 (14,5%)	2468 (9,4%)
Yes, unintentionally	102 (28,5%)	10065 (38,2%)
No, my weight stayed the same	139 (38,8%)	7869 (29,9%)
No, I gained weight	33 (9,2%)	2857 (10,8%)
I do not know	28 (7,8%)	2512 (9,5%)
Missing	4 (1,1%)	569 (2,2%)

9b. If yes, how many kg did you lose?

	5 [3-8]	6 [4-10]
I do not know	22 (14,3%)	1997 (15,9%)

10. Did you know about your hospitalisation two days before admission? (Yes)

	161 (49,1%)	9602 (40,6%)
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11. Please indicate if you ...

... were weighed at admission	276 (81,7%)	14112 (57,4%)
... were informed about your nutrition status	116 (35,0%)	8364 (34,3%)
... were informed about nutrition care options	44 (13,1%)	7769 (31,9%)
... received special nutrition care	32 (9,6%)	7463 (30,7%)

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

More than normal	32 (9,0%)	1163 (4,4%)
Normal	243 (68,5%)	15832 (60,4%)

About 3/4 of normal	27 (7,6%)	2728 (10,4%)
About half of normal	28 (7,9%)	3287 (12,5%)
About a quarter to nearly nothing	17 (4,8%)	2496 (9,5%)
I do not know	1 (0,28%)	264 (1,0%)
Missing	7 (2,0%)	443 (1,7%)

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

Very satisfied	57 (16,1%)	6066 (23,1%)
Somewhat satisfied	47 (13,2%)	8166 (31,2%)
Neutral	145 (40,8%)	4867 (18,6%)
Dissatisfied	27 (7,6%)	2103 (8,0%)
Very dissatisfied	5 (1,4%)	726 (2,8%)
I do not know	27 (7,6%)	2021 (7,7%)
Missing	47 (13,2%)	2264 (8,6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	5 (1,4%)	2448 (9,3%)
Yes, from hospital staff	16 (4,5%)	1670 (6,4%)
No	300 (84,5%)	19193 (73,2%)
I do not know	-	302 (1,2%)
Missing	34 (9,6%)	2600 (9,9%)

15. Were you able to eat without interruption TODAY? (Yes)

272 (88,3%) 17231 (74,2%)

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

About all	252 (71,0%)	12095 (46,1%)
1/2	46 (13,0%)	6486 (24,7%)
1/4	18 (5,1%)	3353 (12,8%)
Nothing	23 (6,5%)	3130 (11,9%)
Missing	16 (4,5%)	1149 (4,4%)

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

Standard	208 (58,6%)	15979 (61,0%)
Smaller	39 (11,0%)	2367 (9,0%)
Larger	15 (4,2%)	1119 (4,3%)
I do not know	43 (12,1%)	2429 (9,3%)
Missing	50 (14,1%)	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 (13,8%)	2061 (15,9%)
I did not like the smell/taste of the food	25 (28,7%)	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	1 (1,1%)	296 (2,3%)
Due to food allergy/intolerance	-	96 (0,74%)
I was not hungry at that time	13 (14,9%)	2205 (17,0%)
I do not have my usual appetite	26 (29,9%)	3830 (29,5%)
I have problems chewing/swallowing	5 (5,7%)	761 (5,9%)
I normally eat less than what was served	7 (8,0%)	1427 (11,0%)
I had nausea/vomiting	6 (6,9%)	1029 (7,9%)
I was too tired	12 (13,8%)	789 (6,1%)
I cannot eat without help	2 (2,3%)	208 (1,6%)
I was not allowed to eat	8 (9,2%)	1289 (9,9%)
I had an exam, surgery, or test and missed my meal	8 (9,2%)	766 (5,9%)
I did not get requested food	-	139 (1,1%)
No answer given	16 (18,4%)	1829 (14,1%)

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

Water	2 [1-3]	3 [2-5]
Tea	2 [1-3]	1 [0-2]
Coffee	0 [0-1]	1 [1-2]
Milk	1 [0-1]	1 [0-1]
Fruit juice	0 [0-0]	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? 82 (24,4%) 6580 (28,9%)

19b. If yes, what did you eat?

Sweet snacks	26 (31,7%)	1928 (29,3%)
Salty snacks	6 (7,3%)	749 (11,4%)
Homemade food	8 (9,8%)	963 (14,6%)
Fruits	17 (20,7%)	2551 (38,8%)
Dairy products	13 (15,9%)	724 (11,0%)
Food delivered/restaurant	4 (4,9%)	293 (4,5%)
Sandwich	7 (8,5%)	421 (6,4%)
Other	21 (25,6%)	1042 (15,8%)

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

Increased	19 (5,4%)	3706 (14,1%)
Decreased	79 (22,3%)	7774 (29,7%)
Stayed the same	169 (47,6%)	10331 (39,4%)
I do not know	45 (12,7%)	1690 (6,4%)
Missing	43 (12,1%)	2712 (10,3%)

21. TODAY I feel...

Stronger than at admission	127 (35,8%)	11240 (42,9%)
Weaker than at admission	45 (12,7%)	4893 (18,7%)
Same as at admission	109 (30,7%)	7428 (28,3%)
I was admitted today	16 (4,5%)	662 (2,5%)
I do not know	19 (5,4%)	1384 (5,3%)
Missing	39 (11,0%)	606 (2,3%)

22. Can you walk without assistance TODAY?

Yes	243 (68,5%)	15438 (58,9%)
No, only with assistance	59 (16,6%)	6458 (24,6%)
No, I stay in bed	19 (5,4%)	3018 (11,5%)
Missing	34 (9,6%)	1299 (5,0%)

23. Did anyone help you complete this questionnaire?	76 (22,0%)	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:	11	331
Computerized system in hospital:	11 units (100%) YES	312 units (94%) YES
Nutritional treatment of cancer patients is part of overall care plan	10 units (91%) 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	10 (90,9%)	224 (67,7%)
At chemotherapy	-	53 (16,0%)
When necessary	1 (9,09%)	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	9 (81,8%)	118 (35,6%)
Never	2 (18,2%)	143 (43,2%)
Unknown	-	10 (3,02%)
Missing	-	15 (4,53%)

BIA

Regularly	-	12 (3,63%)
At chemotherapy	-	4 (1,21%)
When necessary	3 (27,3%)	102 (30,8%)
Never	8 (72,7%)	187 (56,5%)
Unknown	-	12 (3,63%)
Missing	-	14 (4,23%)

CT SCAN

Regularly	-	13 (3,93%)
At chemotherapy	-	4 (1,21%)
When necessary	4 (36,4%)	84 (25,4%)
Never	6 (54,5%)	199 (60,1%)
Unknown	-	18 (5,44%)
Missing	1 (9,09%)	13 (3,93%)

DEXA

Regularly	-	6 (1,81%)
At chemotherapy	-	1 (0,30%)
When necessary	2 (18,2%)	55 (16,6%)
Never	9 (81,8%)	227 (68,6%)
Unknown	-	27 (8,16%)
Missing	-	15 (4,53%)

Other (body composition)

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

When necessary	6 (54,5%)	47 (14,2%)
Never	2 (18,2%)	113 (34,1%)
Unknown	2 (18,2%)	47 (14,2%)
Missing	1 (9,09%)	117 (35,3%)

Body function:

Handgrip

Regularly	-	16 (4,83%)
At chemotherapy	-	9 (2,72%)
When necessary	9 (81,8%)	98 (29,6%)
Never	2 (18,2%)	176 (53,2%)
Unknown	-	16 (4,83%)
Missing	-	16 (4,83%)

6-minutes walking test

Regularly	-	12 (3,63%)
At chemotherapy	-	7 (2,11%)
When necessary	10 (90,9%)	76 (23,0%)
Never	1 (9,09%)	193 (58,3%)
Unknown	-	21 (6,34%)
Missing	-	22 (6,65%)

Other (body function)

Regularly	-	16 (4,83%)
At chemotherapy	-	1 (0,30%)
When necessary	8 (72,7%)	60 (18,1%)
Never	1 (9,09%)	120 (36,3%)
Unknown	1 (9,09%)	45 (13,6%)
Missing	1 (9,09%)	89 (26,9%)

Nutritional requirements, calculated

Regularly	2 (18,2%)	107 (32,3%)
At chemotherapy	-	3 (0,91%)
When necessary	7 (63,6%)	160 (48,3%)
Never	-	15 (4,53%)
Unknown	-	5 (1,51%)
Missing	2 (18,2%)	41 (12,4%)

Nutritional intake:

Every meal

Regularly	7 (63,6%)	84 (25,4%)
At chemotherapy	-	3 (0,91%)
When necessary	4 (36,4%)	143 (43,2%)
Never	-	39 (11,8%)

Unknown	-	17 (5,14%)
Missing	-	45 (13,6%)
1 meal per day		
Regularly	7 (63,6%)	26 (7,85%)
At chemotherapy	-	3 (0,91%)
When necessary	3 (27,3%)	112 (33,8%)
Never	1 (9,09%)	67 (20,2%)
Unknown	-	21 (6,34%)
Missing	-	102 (30,8%)
2 meals per day		
Regularly	6 (54,5%)	26 (7,85%)
At chemotherapy	-	1 (0,30%)
When necessary	3 (27,3%)	109 (32,9%)
Never	1 (9,09%)	69 (20,8%)
Unknown	1 (9,09%)	20 (6,04%)
Missing	-	106 (32,0%)
24h recall		
Regularly	6 (54,5%)	67 (20,2%)
At chemotherapy	-	8 (2,42%)
When necessary	5 (45,5%)	130 (39,3%)
Never	-	43 (13,0%)
Unknown	-	16 (4,83%)
Missing	-	67 (20,2%)
Other (nutritional intake)		
Regularly	-	12 (3,63%)
At chemotherapy	-	1 (0,30%)
When necessary	9 (81,8%)	61 (18,4%)
Never	1 (9,09%)	55 (16,6%)
Unknown	1 (9,09%)	43 (13,0%)
Missing	-	159 (48,0%)
Questionnaire completed by		
Dietitian	3 (27,3%)	142 (42,9%)
Nurse	1 (9,09%)	83 (25,1%)
Physician	7 (63,6%)	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:	77	3278
Demographic data:		
Age (years)	77 [46-91]	64 [18-102]
Female gender	22 (28,6%)	1437 (43,8%)
Weight (kg)	57,4 ± 11,7	65,7 ± 16,5
Height (cm)	161,4 ± 8,0	165,3 ± 9,9
BMI (kg/m ²)	22,0 ± 4,1	23,9 ± 4,9
Outpatient (o)/Ward (w)		
Outpatient(o)	1 (1,30%)	166 (5,06%)
Ward (w)	76 (98,7%)	3101 (94,6%)
Missing	-	11 (0,34%)
Goal of Therapy		
Curative	38 (49,4%)	1959 (59,8%)
Palliative	30 (39,0%)	1091 (33,3%)
Terminal	8 (10,4%)	153 (4,67%)
Missing	1 (1,30%)	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	29 (37,7%)	1019 (31,1%)
3-5 months	16 (20,8%)	544 (16,6%)
6-12 months	5 (6,49%)	551 (16,8%)
1-2 years	13 (16,9%)	436 (13,3%)
2-4 years	6 (7,79%)	308 (9,40%)
> 4 years	7 (9,09%)	319 (9,73%)
Missing	-	66 (2,01%)

Cancer staging

0=Carcinoma in situ	3 (3,90%)	152 (4,64%)
I=Localized	13 (16,9%)	654 (20,0%)
II=Early locally advanced	15 (19,5%)	584 (17,8%)
III=Late locally advanced	20 (26,0%)	523 (16,0%)
IV=Metastasised	23 (29,9%)	993 (30,3%)
Missing	3 (3,90%)	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	68 (88,3%)	2414 (73,6%)
Local	8 (10,4%)	506 (15,4%)
General	1 (1,30%)	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:	76	3248
Body weight prior to becoming ill	60 [40-95]	70 [20-180]
Actual body weight	57 [36-97]	64 [11-175]
Change in weight was		
Intentional	2 (2,60%)	130 (3,97%)
Unintentional	44 (57,1%)	2109 (64,3%)
Weight is stable	6 (7,79%)	524 (16,0%)
Missing	-	99 (3,02%)
During the last week		
Patients who have had pain:		
Not at all	25 (32,5%)	1075 (32,8%)
A little	24 (31,2%)	966 (29,5%)
Quite a bit	4 (5,19%)	585 (17,8%)
Very much	2 (2,60%)	379 (11,6%)
Missing	22 (28,6%)	242 (7,38%)
Patients who needed a rest:		
Not at all	25 (32,5%)	676 (20,6%)
A little	23 (29,9%)	995 (30,4%)
Quite a bit	6 (7,79%)	774 (23,6%)
Very much	-	535 (16,3%)
Missing	21 (27,3%)	256 (7,81%)
Patients who felt weak:		
Not at all	11 (14,3%)	688 (21,0%)
A little	21 (27,3%)	995 (30,4%)
Quite a bit	14 (18,2%)	783 (23,9%)
Very much	10 (13,0%)	535 (16,3%)
Missing	21 (27,3%)	244 (7,44%)
Patients who felt depressed:		
Not at all	20 (26,0%)	1154 (35,2%)
A little	24 (31,2%)	1026 (31,3%)
Quite a bit	7 (9,09%)	499 (15,2%)
Very much	4 (5,19%)	282 (8,60%)
Missing	21 (27,3%)	255 (7,78%)

Patients who were tired:

Not at all	17 (22,1%)	700 (21,4%)
A little	29 (37,7%)	1048 (32,0%)
Quite a bit	7 (9,09%)	755 (23,0%)
Very much	2 (2,60%)	494 (15,1%)
Missing	22 (28,6%)	243 (7,41%)

Patients whose pain interfered with their daily activities:

Not at all	24 (31,2%)	1203 (36,7%)
A little	23 (29,9%)	789 (24,1%)
Quite a bit	7 (9,09%)	548 (16,7%)
Very much	1 (1,30%)	421 (12,8%)
Missing	21 (27,3%)	267 (8,15%)

Patients who lacked appetite:

Not at all	23 (29,9%)	1102 (33,6%)
A little	17 (22,1%)	840 (25,6%)
Quite a bit	9 (11,7%)	567 (17,3%)
Very much	5 (6,49%)	465 (14,2%)
Missing	21 (27,3%)	261 (7,96%)

Just now**Patients who have pain:**

Not at all	26 (33,8%)	1281 (39,1%)
A little	25 (32,5%)	1090 (33,3%)
Quite a bit	3 (3,90%)	444 (13,5%)
Very much	1 (1,30%)	167 (5,09%)
Missing	21 (27,3%)	258 (7,87%)

Patients who need a rest:

Not at all	19 (24,7%)	671 (20,5%)
A little	30 (39,0%)	1142 (34,8%)
Quite a bit	2 (2,60%)	759 (23,2%)
Very much	3 (3,90%)	393 (12,0%)
Missing	22 (28,6%)	266 (8,11%)

Patients who feel weak:

Not at all	11 (14,3%)	760 (23,2%)
A little	23 (29,9%)	1079 (32,9%)
Quite a bit	14 (18,2%)	740 (22,6%)
Very much	8 (10,4%)	386 (11,8%)
Missing	21 (27,3%)	265 (8,08%)

Patients who are depressed:

Not at all	20 (26,0%)	1318 (40,2%)
A little	25 (32,5%)	1001 (30,5%)
Quite a bit	7 (9,09%)	431 (13,1%)
Very much	4 (5,19%)	199 (6,07%)
Missing	21 (27,3%)	270 (8,24%)

Patients who are tired:

Not at all	17 (22,1%)	799 (24,4%)
A little	28 (36,4%)	1157 (35,3%)
Quite a bit	9 (11,7%)	651 (19,9%)
Very much	1 (1,30%)	352 (10,7%)
Missing	22 (28,6%)	270 (8,24%)

Patients whose pain interferes with their daily activities:

Not at all	26 (33,8%)	1232 (37,6%)
A little	20 (26,0%)	858 (26,2%)
Quite a bit	6 (7,79%)	531 (16,2%)
Very much	2 (2,60%)	318 (9,70%)
Missing	22 (28,6%)	288 (8,79%)

Patients who lack appetite:

Not at all	26 (33,8%)	1159 (35,4%)
A little	16 (20,8%)	880 (26,8%)
Quite a bit	8 (10,4%)	550 (16,8%)
Very much	5 (6,49%)	355 (10,8%)
Missing	21 (27,3%)	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	29 (37,7%)	121 (3,69%)

Maximum activity performed by patients

Able to do sports	8 (10,4%)	135 (4,12%)
Fully active	6 (7,79%)	462 (14,1%)
Able to carry out light activities	6 (7,79%)	675 (20,6%)
Able to carry out self care	23 (29,9%)	777 (23,7%)
Able to carry out limited self care	8 (10,4%)	487 (14,9%)

Confined to bed or chair	3 (3,90%)	463 (14,1%)
Missing	22 (28,6%)	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	2 (2,60%)	701 (21,4%)
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Patients needing help to complete questionnaire	11 (14,3%)	1819 (55,5%)
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Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	21 (27,3%)	2090 (63,8%)
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