



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:	2
Number of participated units:	12
Number of patients:	306
Number of patients who gave consent:	236
Number of patients completing Sheet 3a:	225
Number of patients completing Sheet 3b:	223
Number of cancer patients:	59
Number of patients completing Sheet 2_onco:	24
Number of patients completing Sheet 3_onco:	23
Number of patients with 30-day outcome assessment:	236

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	286 [233-338]	333 [194-630]
2. Total number of admissions in the hospital last year	29245 [20623-37866]	18005 [9101-36130]
3. Total number of staff in the hospital		
Total medical doctors	359 [274-443]	173 [80-399]
Medical specialists	277 [152-402]	116 [53-250]
Medical non-specialists	118 [96-141]	37 [14-84]
Nurses	361 [313-408]	420 [183-836]
Dieticians	12 [9-15]	5 [2-9]
Nutritionists	2 [1-3]	1 [0-4]
Pharmacists	11 [8-14]	7 [4-21]
Kitchen staff	55 [51-60]	31 [15-59]
Full time equivalent		
Total medical doctors	359 [274-443]	148 [60-373]
Medical specialists	277 [152-402]	98 [45-251]
Medical non-specialists	118 [96-141]	36 [11-99]
Nurses	361 [313-408]	364 [180-788]
Dieticians	11 [8-15]	5 [2-8]
Nutritionists	2 [1-3]	1 [0-3]
Pharmacists	11 [8-14]	6 [3-18]
Kitchen staff	55 [51-60]	29 [15-55]
4. Does the hospital have a nutrition care strategy?	2 (100,0%) Yes	498 (79,4%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	2 (100,0%) Yes	434 (66,7%) Yes
Nutrition steering committee is available	0 (0,0%) Yes	388 (59,6%) Yes
Quality indicators are recorded and reported to national or regional level	0 (0,0%) Yes	263 (40,4%) Yes
Quality indicators are used for internal benchmarking	1 (50,0%) Yes	337 (51,8%) Yes
Patient feedback about food and food service is collected using a questionnaire	2 (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	1 (50,0%) Yes	313 (48,1%) Yes

Oral nutrition supplements	0 (0,0%) Yes	239 (36,7%) Yes
Parenteral nutrition	0 (0,0%) Yes	375 (57,6%) Yes
Enteral nutrition	0 (0,0%) Yes	334 (51,3%) Yes
Dietary counseling	0 (0,0%) 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 (50,0%) Yes	109 (16,7%) Yes
No answer given	-	42 (6,5%)

Codes routinely used

Nutrition Support	1 (50,0%) Yes	270 (41,5%) Yes
Oral nutrition supplements	0 (0,0%) Yes	209 (32,1%) Yes
Parenteral nutrition	0 (0,0%) Yes	343 (52,7%) Yes
Enteral nutrition	0 (0,0%) Yes	307 (47,2%) Yes
Dietary counseling	0 (0,0%) 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 (50,0%) 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	4 (33,3%)	21.1%
Internal Medicine / Cardiology	1 (8,3%)	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)	0 (0,0%)	8.1%
Interdisciplinary	2 (16,7%)	3.4%
Long term care	0 (0,0%)	2.0%
Neurology	0 (0,0%)	3.6%
Surgery / General	3 (25,0%)	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	1 (8,3%)	1.4%
Pediatrics	1 (8,3%)	0.1%
Psychiatry	0 (0,0%)	0.9%
Others	0 (0,0%)	11.1%
2. Number of registered inpatients at noon	12 [9-16]	25 [19-32]
3. Total bed capacity of the unit	13 [12-17]	30 [24-40]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	2 [2-4]	4 [2-7]
Nurses	3 [3-4]	5 [3-8]
Nursing aides	0 [0-0]	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	3 [1-8]	1 [0-2]
In training		
Medical doctors	8 [4-10]	1 [0-3]
Medical students	1 [0-1]	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? 2 (16,7%) Yes 1018 (78,3%) Yes

6. Does the unit have a nutrition care strategy? 2 (16,7%) Yes 984 (75,7%) Yes

7. Is there a person in your unit responsible for nutrition care? 12 (100,0%) Yes 922 (70,9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 12 (100,0%) Yes 1239 (90,8%) Yes

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

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

At admission

No routine screening	2 (16,7%) Yes	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	-	462 (32,3%)
Malnutrition Universal Screening Tool (MUST)	-	81 (5,7%)
Malnutrition Screening tool (MST)	-	115 (8,0%)
SNAQ	9 (75,0%) Yes	13 (0,91%)
Other formal tool	1 (8,3%) Yes	249 (17,4%)
I do not know	-	11 (0,77%)
Missing	-	66 (4,6%)

During hospital stay

No routine monitoring	-	133 (9,3%)
No fixed criteria	-	118 (8,3%)
Experience / visual assessment only	-	235 (16,4%)
Weighing / BMI only	2 (16,7%) Yes	471 (32,9%)
Other formal tool	10 (83,3%) Yes	375 (26,2%)
I do not know	-	32 (2,2%)
Missing	-	66 (4,6%)

11a. Do you routinely use guidelines or standards for nutrition care? 12 (100,0%) Yes 1043 (82,1%) Yes

11b. If yes, which one is mainly used?			
International guidelines	4 (33,3%)	Yes	257 (24,6%)
National guidelines	-		166 (15,9%)
Standards on hospital level	3 (25,0%)	Yes	378 (36,2%)
Standards on unit level	4 (33,3%)	Yes	65 (6,2%)
Individual patient nutrition care plans	1 (8,3%)	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 (16,7%)	Yes	399 (27,9%)
Discuss nutrition care activities during ward rounds	6 (50,0%)	Yes	614 (42,9%)
Develop an individual nutrition care plan	10 (83,3%)	Yes	720 (50,3%)
Initiate treatment / nutrition intervention	9 (75,0%)	Yes	820 (57,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	2 (16,7%)	Yes	828 (57,9%)
Consult a medical professional	1 (8,3%)	Yes	505 (35,3%)
Calculate energy requirements	10 (83,3%)	Yes	652 (45,6%)
Calculate protein requirements	10 (83,3%)	Yes	630 (44,1%)

Malnourished

Watchful waiting	2 (16,7%)	Yes	280 (19,6%)
Discuss nutrition care activities during ward rounds	6 (50,0%)	Yes	675 (47,2%)
Develop an individual nutrition care plan	10 (83,3%)	Yes	792 (55,4%)
Initiate treatment / nutrition intervention	9 (75,0%)	Yes	884 (61,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	2 (16,7%)	Yes	823 (57,6%)
Consult a medical professional	1 (8,3%)	Yes	579 (40,5%)
Calculate energy requirements	11 (91,7%)	Yes	763 (53,4%)
Calculate protein requirements	11 (91,7%)	Yes	745 (52,1%)

Every patient

Watchful waiting	10 (83,3%)	Yes	700 (49,0%)
Discuss nutrition care activities during ward rounds	6 (50,0%)	Yes	358 (25,0%)
Develop an individual nutrition care plan	2 (16,7%)	Yes	250 (17,5%)
Initiate treatment / nutrition intervention	3 (25,0%)	Yes	197 (13,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	11 (91,7%)	Yes	264 (18,5%)
Consult a medical professional	11 (91,7%)	Yes	307 (21,5%)
Calculate energy requirements	-		186 (13,0%)
Calculate protein requirements	-		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	1 (8,3%) Yes	141 (9,9%)
Calculate protein requirements	1 (8,3%) Yes	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	-	34 (2,4%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	33 (2,3%)
Consult a medical professional	-	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	-	928 (64,9%)
Within 24 hours	1 (8,3%) Yes	210 (14,7%)
Within 48 hours	-	79 (5,5%)
Within 72 hours	-	39 (2,7%)
Every week	-	627 (43,8%)
Occasionally	12 (100%) Yes	158 (11,0%)
When requested	4 (33,3%) 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	12 (100%) Yes	1096 (76,6%)
Offer meal choices	12 (100%) Yes	1055 (73,8%)
Offer different portion sizes	10 (83,3%) Yes	934 (65,3%)
Consider food presentation	9 (75,0%) Yes	502 (35,1%)
Change food texture/consistency as needed	12 (100%) Yes	1175 (82,2%)
Consider patient problems with eating and drinking	12 (100%) Yes	1166 (81,5%)
Ensure that mealtimes are undisturbed/protected mealtime policy	-	324 (22,7%)
Promote positive eating environment	-	419 (29,3%)
Consider cultural/religious preferences	12 (100%) Yes	903 (63,1%)
Consider patient allergies / intolerances	12 (100%) Yes	1045 (73,1%)
Other	4 (33,3%) Yes	103 (7,2%)

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

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

Nutrition training is available	12 (100%) Yes	821 (57,4%)
Reporting of nutrition related information to hospital managers	2 (16,7%) Yes	608 (42,5%)
Quality indicators are recorded and reported to national or regional level	-	448 (31,3%)
Quality indicators are used for internal benchmarking	2 (16,7%) Yes	513 (35,9%)
Patient feedback about food and food service is collected using a questionnaire	12 (100%) Yes	884 (61,8%)
None	-	41 (2,9%)
I do not know	-	61 (4,3%)
No answer given	-	151 (10,6%)

16. At admission what is asked and documented?

Change in weight	12 (100%) Yes	1104 (77,2%)
Eating habits/difficulties	12 (100%) Yes	1041 (72,8%)
Nutrition before admission	12 (100%) Yes	823 (57,6%)
None	-	18 (1,3%)
I do not know	-	33 (2,3%)
No answer given	-	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	12 (100%) Yes	1037 (72,5%)
nutrition treatment	11 (91,7%) Yes	837 (58,5%)
None	-	65 (4,5%)
I do not know	-	42 (2,9%)

b. Discharge Letter ...

summarizes nutrition treatment received during stay	2 (16,7%) Yes	592 (41,4%)
makes future nutrition-related recommendations	12 (100%) Yes	816 (57,1%)
None	-	137 (9,6%)
I do not know	-	128 (9,0%)

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

Head staff	2 (16,7%) Yes	411 (28,7%)
Dietician	10 (83,3%) 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	236	27195
Age	60 [42-76]	67 [53-78]
Female	124 (52,5%)	13525 (49,7%)
Weight	74,4±18,0	69,9±18,9
Height	168±9	165±10
BMI	26,3±5,3	25,5±5,9

1. This hospital admission was...

planned	101 (42,8%)	9881 (36,3%)
an emergency	114 (48,3%)	14977 (55,1%)
I do not know	21 (8,9%)	2337 (8,6%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	48 (20,3%)	2442 (9,0%)
0200 Neoplasms	43 (18,2%)	4873 (17,9%)
0300 Blood and bloodforming organs and the immune mechanism	23 (9,7%)	1724 (6,3%)
0400 Endocrine, nutritional and metabolic diseases	28 (11,9%)	3266 (12,0%)
0500 Mental health	3 (1,3%)	1218 (4,5%)
0600 Nervous system	18 (7,6%)	2493 (9,2%)
0700 Eye and adnexa	1 (0,42%)	339 (1,2%)
0800 Ear and mastoid process	1 (0,42%)	172 (0,63%)
0900 Circulatory system	39 (16,5%)	5629 (20,7%)
1000 Respiratory system	23 (9,7%)	4217 (15,5%)
1100 Digestive system	38 (16,1%)	6840 (25,2%)
1200 Skin and subcutaneous tissue	14 (5,9%)	1244 (4,6%)
1300 Musculoskeletal system and connective tissue	30 (12,7%)	4246 (15,6%)
1400 Genitourinary system	51 (21,6%)	2809 (10,3%)
1500 Pregnancy, childbirth and the puerperium	26 (11,0%)	222 (0,82%)
1600 Conditions originating in the perinatal period	3 (1,3%)	36 (0,13%)
1700 Congenital/chromosomal abnormalities	-	52 (0,19%)
1800 Symptoms, signs, abnormal clinical/lab findings	19 (8,1%)	1319 (4,9%)
1900 Injury, poisoning	1 (0,42%)	724 (2,7%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	5 (2,1%)	671 (2,5%)
2100 Factors influencing health status and contact with health services	-	990 (3,6%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	29 (12,3%)	5264 (21,3%)
Myocardial infarction	10 (4,3%)	1338 (5,5%)
Chronic lung disease	10 (4,2%)	3466 (14,1%)
Cerebral vascular disease	10 (4,3%)	2274 (9,3%)
Peripheral vascular disease	19 (8,2%)	2842 (11,6%)
Chronic liver disease	3 (1,3%)	1477 (6,1%)
Chronic kidney disease	28 (12,0%)	2817 (11,6%)
Diabetes	34 (14,5%)	5968 (24,2%)
Cancer	59 (25,1%)	5709 (23,2%)
Infection	43 (18,3%)	3578 (14,6%)
Dementia	8 (3,4%)	1229 (5,1%)
Major depressive disorder	5 (2,1%)	1233 (5,1%)
Other chronic mental disorder	10 (4,3%)	1229 (5,1%)
Other chronic disease	100 (42,9%)	6369 (25,9%)
None	53 (22,5%)	4869 (17,9%)

4a. Previous operation during this hospital stay

Yes, planned	76 (32,2%)	5304 (19,5%)
Yes, acute	14 (5,9%)	1634 (6,0%)
No	146 (61,9%)	17917 (65,9%)
I do not know	-	313 (1,2%)
Missing	-	2027 (7,5%)

Days since operation	6 [1-14]	3 [1-11]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	30 (12,7%)	1998 (7,3%)
Yes, later	6 (2,5%)	1411 (5,2%)
No	194 (82,2%)	19908 (73,2%)
I do not know	2 (0,85%)	1082 (4,0%)
Missing	4 (1,7%)	2796 (10,3%)

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

38 (16,1%)	2731 (10,6%)
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6. Is this patient terminally ill?

20 (8,5%)	1729 (6,4%)
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7. Fluid status

Normal	184 (78,0%)	20820 (76,6%)
Overloaded	21 (8,9%)	1466 (5,4%)
Dehydrated	4 (1,7%)	1298 (4,8%)
I do not know	27 (11,4%)	3611 (13,3%)
Missing	-	-

8. Number of different medications planned

Oral	2 [0-5]	5 [2-8]
Other	3 [1-5]	2 [1-4]

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

Malnourished	26 (11,0%)	3264 (12,0%)
At risk	34 (14,4%)	4856 (17,9%)
No	162 (68,6%)	16820 (61,8%)
I do not know	14 (5,9%)	2255 (8,3%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	140 (59,3%)	9496 (34,9%)
5% Glucose solution	30 (12,7%)	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	79 (33,5%)	15788 (58,1%)
Fortified/enriched hospital food	26 (11,0%)	3133 (11,5%)
Protein/energy supplement (e.g. ONS drinks)	16 (6,8%)	4012 (14,8%)
Enteral nutrition	15 (6,4%)	1315 (4,8%)
Parenteral nutrition	6 (2,5%)	1286 (4,7%)
Special diet	121 (51,3%)	8834 (32,5%)
None	15 (6,4%)	1283 (4,7%)

13a. All lines and Tubes

Central Venous	25 (10,6%)	2360 (9,2%)
Peripheral venous access	179 (75,8%)	12501 (48,7%)
Nasogastric	11 (4,7%)	680 (2,6%)
Nasojejunal	-	135 (0,53%)
Nasoduodenal	-	99 (0,39%)
Enterostoma	-	126 (0,49%)
Percutaneous endoscopy/surgical gastrostomy	2 (0,85%)	234 (0,91%)
Percutaneous endoscopy/surgical jejunostomy	2 (0,85%)	95 (0,37%)
None	32 (13,6%)	12303 (45,2%)

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

Yes, previously	11 (4,7%)	362 (1,3%)
Yes, ongoing	3 (1,3%)	227 (0,83%)
No	182 (77,1%)	21227 (78,1%)
I do not know	39 (16,5%)	2312 (8,5%)
Missing	1 (0,42%)	3067 (11,3%)

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

Energy requirements were determined	63 (26,7%)	9593 (37,3%)
Protein requirements were determined	59 (25,0%)	8543 (33,3%)
Food/Nutrition intake was recorded in the patient record	45 (19,1%)	11079 (43,1%)
Nutrition treatment plan was developed	101 (42,8%)	9042 (35,2%)
Nutrition expert was consulted	124 (52,5%)	9313 (36,3%)
Malnutrition status is recorded in the patient record	57 (24,2%)	8238 (32,1%)
None	-	-

15a. Energy goal

< 500 kcal	-	1046 (3,8%)
500-999 kcal	-	269 (0,99%)
1000-1499 kcal	3 (1,3%)	2400 (8,8%)
1500-1999 kcal	26 (11,0%)	8218 (30,2%)
>=2000 kcal	29 (12,3%)	2704 (9,9%)
Not determined	163 (69,1%)	8749 (32,2%)
I do not know	15 (6,4%)	2265 (8,3%)
Missing	-	1544 (5,7%)

15b. Energy intake

< 500 kcal	7 (3,0%)	1697 (6,2%)
500-999 kcal	3 (1,3%)	1257 (4,6%)
1000-1499 kcal	5 (2,1%)	3424 (12,6%)
1500-1999 kcal	10 (4,2%)	5999 (22,1%)
>=2000 kcal	8 (3,4%)	1448 (5,3%)
Not determined	184 (78,0%)	8533 (31,4%)
I do not know	19 (8,1%)	3276 (12,0%)
Missing	-	1561 (5,7%)

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

Improved	110 (46,6%)	12837 (47,2%)
Deteriorated	17 (7,2%)	1433 (5,3%)
Remained the same	52 (22,0%)	7057 (25,9%)
This patient has just been admitted	38 (16,1%)	1699 (6,2%)
I do not know	19 (8,1%)	2663 (9,8%)
Missing	-	1506 (5,5%)

Length of hospital stay (days)	7 [3-16]	12 [6-23]
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Outcome Code

1= Still in the hospital	10 (4,2%)	2601 (9,6%)
2= Transferred to another hospital	4 (1,7%)	571 (2,1%)
3= Transferred to long term care	12 (5,1%)	1107 (4,1%)

4= Rehabilitation	4 (1,7%)	1222 (4,5%)
5= Discharged home	195 (82,6%)	20149 (74,1%)
6= Death	10 (4,2%)	845 (3,1%)
7= Others	1 (0,42%)	507 (1,9%)
Missing	-	193 (0,71%)

Readmitted since ND

1= No	185 (82,2%)	18115 (75,8%)
2= Yes, same hospital planned	9 (4,0%)	1637 (6,9%)
3= Yes, same hospital unplanned	16 (7,1%)	1465 (6,1%)
4= Yes, different hospital planned	-	112 (0,47%)
5= Yes, different hospital unplanned	-	112 (0,47%)
6= Unknown	5 (2,2%)	796 (3,3%)
Missing	7 (3,1%)	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	148 (65,8%)	17526 (66,5%)
I am vegetarian	3 (1,3%)	510 (1,9%)
I adhere to a vegan diet	-	193 (0,73%)
I eat gluten-free diet	5 (2,2%)	244 (0,93%)
I avoid added sugars	81 (36,0%)	3934 (14,9%)
I avoid carbohydrates	31 (13,8%)	1502 (5,7%)
I eat a low fat-diet	48 (21,3%)	2899 (11,0%)
I am lactose intolerant	13 (5,8%)	946 (3,6%)
Other special diet due to intolerances/allergies	6 (2,7%)	469 (1,8%)
Other	17 (7,6%)	1854 (7,0%)
No answer given	3 (1,3%)	1891 (7,2%)
2. Where did you live before your current hospital admission?		
At home	210 (93,3%)	22025 (83,6%)
In a nursing home or other live-in facility	5 (2,2%)	836 (3,2%)
I was transferred from another hospital	6 (2,7%)	1411 (5,4%)
Other	2 (0,89%)	374 (1,4%)
Missing	2 (0,89%)	1694 (6,4%)
3. In general, are you able to walk?		
Yes	166 (73,8%)	16014 (60,8%)
Yes, with someone's help	18 (8,0%)	2580 (9,8%)
Yes, independently using a cane, walker, or crutches	27 (12,0%)	3466 (13,2%)
No, I have a wheelchair	4 (1,8%)	1033 (3,9%)
No, I am bedridden	6 (2,7%)	1462 (5,6%)
Missing	4 (1,8%)	1785 (6,8%)
4. In general, how would you say your health is?		
Very good	42 (18,7%)	1854 (7,0%)
Good	117 (52,0%)	8966 (34,0%)
Fair	46 (20,4%)	9409 (35,7%)
Poor	11 (4,9%)	3513 (13,3%)
Very poor	5 (2,2%)	824 (3,1%)
Missing	4 (1,8%)	1774 (6,7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	5 [2-10]	5 [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?	5 [1-13]	5 [0-15]
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6. How many different medications do you take routinely each day (prior to hospitalisation)?

1-2	59 (26,2%)	4936 (18,7%)
3-5	61 (27,1%)	6672 (25,3%)
More than 5	48 (21,3%)	7906 (30,0%)
None	52 (23,1%)	3926 (14,9%)
I do not know	2 (0,89%)	1077 (4,1%)
Missing	3 (1,3%)	1823 (6,9%)

7. Do you have health insurance?

Yes, private insurance only	135 (60,0%)	4253 (16,1%)
Yes, public insurance only	49 (21,8%)	12350 (46,9%)
Yes, both	20 (8,9%)	3229 (12,3%)
None	11 (4,9%)	2938 (11,2%)
I prefer not to answer	6 (2,7%)	1314 (5,0%)
Missing	4 (1,8%)	2256 (8,6%)

8. What was your weight 5 years ago?

	74 [63-87]	72 [60-85]
I do not know	49 (21,8%)	6267 (23,8%)

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

Yes, intentionally	24 (10,7%)	2468 (9,4%)
Yes, unintentionally	76 (33,8%)	10065 (38,2%)
No, my weight stayed the same	62 (27,6%)	7869 (29,9%)
No, I gained weight	40 (17,8%)	2857 (10,8%)
I do not know	15 (6,7%)	2512 (9,5%)
Missing	8 (3,6%)	569 (2,2%)

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

	8 [5-14]	6 [4-10]
I do not know	12 (12,0%)	1997 (15,9%)

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

	90 (43,5%)	9602 (40,6%)
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11. Please indicate if you ...

... were weighed at admission	53 (24,2%)	14112 (57,4%)
... were informed about your nutrition status	55 (25,5%)	8364 (34,3%)
... were informed about nutrition care options	69 (32,4%)	7769 (31,9%)
... received special nutrition care	85 (39,7%)	7463 (30,7%)

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

More than normal	12 (5,4%)	1163 (4,4%)
Normal	138 (61,9%)	15832 (60,4%)

About 3/4 of normal	23 (10,3%)	2728 (10,4%)
About half of normal	20 (9,0%)	3287 (12,5%)
About a quarter to nearly nothing	27 (12,1%)	2496 (9,5%)
I do not know	-	264 (1,0%)
Missing	3 (1,3%)	443 (1,7%)

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

Very satisfied	103 (46,2%)	6066 (23,1%)
Somewhat satisfied	48 (21,5%)	8166 (31,2%)
Neutral	33 (14,8%)	4867 (18,6%)
Dissatisfied	5 (2,2%)	2103 (8,0%)
Very dissatisfied	4 (1,8%)	726 (2,8%)
I do not know	21 (9,4%)	2021 (7,7%)
Missing	9 (4,0%)	2264 (8,6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	55 (24,7%)	2448 (9,3%)
Yes, from hospital staff	6 (2,7%)	1670 (6,4%)
No	153 (68,6%)	19193 (73,2%)
I do not know	1 (0,45%)	302 (1,2%)
Missing	8 (3,6%)	2600 (9,9%)

15. Were you able to eat without interruption TODAY? (Yes)	159 (75,7%)	17231 (74,2%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	101 (45,3%)	12095 (46,1%)
1/2	46 (20,6%)	6486 (24,7%)
1/4	27 (12,1%)	3353 (12,8%)
Nothing	40 (17,9%)	3130 (11,9%)
Missing	9 (4,0%)	1149 (4,4%)

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

Standard	152 (68,2%)	15979 (61,0%)
Smaller	7 (3,1%)	2367 (9,0%)
Larger	8 (3,6%)	1119 (4,3%)
I do not know	24 (10,8%)	2429 (9,3%)
Missing	32 (14,3%)	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	10 (8,8%)	2061 (15,9%)
I did not like the smell/taste of the food	8 (7,1%)	1569 (12,1%)
The food did not fit my cultural/religious preferences	1 (0,88%)	143 (1,1%)
The food was too hot	1 (0,88%)	59 (0,45%)

The food was too cold	2 (1,8%)	296 (2,3%)
Due to food allergy/intolerance	-	96 (0,74%)
I was not hungry at that time	15 (13,3%)	2205 (17,0%)
I do not have my usual appetite	42 (37,2%)	3830 (29,5%)
I have problems chewing/swallowing	11 (9,7%)	761 (5,9%)
I normally eat less than what was served	14 (12,4%)	1427 (11,0%)
I had nausea/vomiting	11 (9,7%)	1029 (7,9%)
I was too tired	11 (9,7%)	789 (6,1%)
I cannot eat without help	6 (5,3%)	208 (1,6%)
I was not allowed to eat	17 (15,0%)	1289 (9,9%)
I had an exam, surgery, or test and missed my meal	13 (11,5%)	766 (5,9%)
I did not get requested food	2 (1,8%)	139 (1,1%)
No answer given	9 (8,0%)	1829 (14,1%)

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

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

19a. Did you eat any food apart from hospital food TODAY? 34 (16,6%) 6580 (28,9%)

19b. If yes, what did you eat?

Sweet snacks	19 (55,9%)	1928 (29,3%)
Salty snacks	8 (23,5%)	749 (11,4%)
Homemade food	4 (11,8%)	963 (14,6%)
Fruits	5 (14,7%)	2551 (38,8%)
Dairy products	4 (11,8%)	724 (11,0%)
Food delivered/restaurant	1 (2,9%)	293 (4,5%)
Sandwich	2 (5,9%)	421 (6,4%)
Other	1 (2,9%)	1042 (15,8%)

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

Increased	19 (8,5%)	3706 (14,1%)
Decreased	88 (39,5%)	7774 (29,7%)
Stayed the same	86 (38,6%)	10331 (39,4%)
I do not know	22 (9,9%)	1690 (6,4%)
Missing	8 (3,6%)	2712 (10,3%)

21. TODAY I feel...

Stronger than at admission	83 (37,2%)	11240 (42,9%)
Weaker than at admission	49 (22,0%)	4893 (18,7%)
Same as at admission	56 (25,1%)	7428 (28,3%)
I was admitted today	14 (6,3%)	662 (2,5%)
I do not know	15 (6,7%)	1384 (5,3%)
Missing	6 (2,7%)	606 (2,3%)

22. Can you walk without assistance TODAY?

Yes	133 (59,6%)	15438 (58,9%)
No, only with assistance	45 (20,2%)	6458 (24,6%)
No, I stay in bed	38 (17,0%)	3018 (11,5%)
Missing	7 (3,1%)	1299 (5,0%)

23. Did anyone help you complete this questionnaire?

92 (42,6%)	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:	7	331
Computerized system in hospital:	- units (00%) YES	312 units (94%) YES
Nutritional treatment of cancer patients is part of overall care plan	7 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	1 (14,3%)	224 (67,7%)
At chemotherapy	-	53 (16,0%)
When necessary	6 (85,7%)	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	3 (42,9%)	118 (35,6%)
Never	4 (57,1%)	143 (43,2%)
Unknown	-	10 (3,02%)
Missing	-	15 (4,53%)

BIA

Regularly	-	12 (3,63%)
At chemotherapy	-	4 (1,21%)
When necessary	-	102 (30,8%)
Never	7 (100%)	187 (56,5%)
Unknown	-	12 (3,63%)
Missing	-	14 (4,23%)

CT SCAN

Regularly	-	13 (3,93%)
At chemotherapy	-	4 (1,21%)
When necessary	-	84 (25,4%)
Never	7 (100%)	199 (60,1%)
Unknown	-	18 (5,44%)
Missing	-	13 (3,93%)

DEXA

Regularly	-	6 (1,81%)
At chemotherapy	-	1 (0,30%)
When necessary	-	55 (16,6%)
Never	7 (100%)	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	-	47 (14,2%)
Never	7 (100%)	113 (34,1%)
Unknown	-	47 (14,2%)
Missing	-	117 (35,3%)

Body function:

Handgrip

Regularly	-	16 (4,83%)
At chemotherapy	-	9 (2,72%)
When necessary	3 (42,9%)	98 (29,6%)
Never	4 (57,1%)	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	-	76 (23,0%)
Never	7 (100%)	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	1 (14,3%)	60 (18,1%)
Never	6 (85,7%)	120 (36,3%)
Unknown	-	45 (13,6%)
Missing	-	89 (26,9%)

Nutritional requirements, calculated

Regularly	5 (71,4%)	107 (32,3%)
At chemotherapy	-	3 (0,91%)
When necessary	2 (28,6%)	160 (48,3%)
Never	-	15 (4,53%)
Unknown	-	5 (1,51%)
Missing	-	41 (12,4%)

Nutritional intake:

Every meal

Regularly	4 (57,1%)	84 (25,4%)
At chemotherapy	-	3 (0,91%)
When necessary	3 (42,9%)	143 (43,2%)
Never	-	39 (11,8%)

Unknown	-	17 (5,14%)
Missing	-	45 (13,6%)
1 meal per day		
Regularly	4 (57,1%)	26 (7,85%)
At chemotherapy	-	3 (0,91%)
When necessary	2 (28,6%)	112 (33,8%)
Never	1 (14,3%)	67 (20,2%)
Unknown	-	21 (6,34%)
Missing	-	102 (30,8%)
2 meals per day		
Regularly	4 (57,1%)	26 (7,85%)
At chemotherapy	-	1 (0,30%)
When necessary	2 (28,6%)	109 (32,9%)
Never	1 (14,3%)	69 (20,8%)
Unknown	-	20 (6,04%)
Missing	-	106 (32,0%)
24h recall		
Regularly	-	67 (20,2%)
At chemotherapy	-	8 (2,42%)
When necessary	7 (100%)	130 (39,3%)
Never	-	43 (13,0%)
Unknown	-	16 (4,83%)
Missing	-	67 (20,2%)
Other (nutritional intake)		
Regularly	4 (57,1%)	12 (3,63%)
At chemotherapy	-	1 (0,30%)
When necessary	1 (14,3%)	61 (18,4%)
Never	1 (14,3%)	55 (16,6%)
Unknown	-	43 (13,0%)
Missing	1 (14,3%)	159 (48,0%)
Questionnaire completed by		
Dietitian	7 (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:	24	3278
Demographic data:		
Age (years)	61 [30-83]	64 [18-102]
Female gender	9 (37,5%)	1437 (43,8%)
Weight (kg)	70,5 ± 16,7	65,7 ± 16,5
Height (cm)	169,9 ± 9,0	165,3 ± 9,9
BMI (kg/m2)	24,3 ± 5,0	23,9 ± 4,9
Outpatient (o)/Ward (w)		
Outpatient(o)	-	166 (5,06%)
Ward (w)	23 (95,8%)	3101 (94,6%)
Missing	1 (4,17%)	11 (0,34%)
Goal of Therapy		
Curative	15 (62,5%)	1959 (59,8%)
Palliative	7 (29,2%)	1091 (33,3%)
Terminal	2 (8,33%)	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	5 (20,8%)	1019 (31,1%)
3-5 months	3 (12,5%)	544 (16,6%)
6-12 months	4 (16,7%)	551 (16,8%)
1-2 years	6 (25,0%)	436 (13,3%)
2-4 years	1 (4,17%)	308 (9,40%)
> 4 years	4 (16,7%)	319 (9,73%)
Missing	-	66 (2,01%)

Cancer staging

0=Carcinoma in situ	-	152 (4,64%)
I=Localized	3 (12,5%)	654 (20,0%)
II=Early locally advanced	1 (4,17%)	584 (17,8%)
III=Late locally advanced	4 (16,7%)	523 (16,0%)
IV=Metastasised	9 (37,5%)	993 (30,3%)
Missing	7 (29,2%)	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	15 (62,5%)	2414 (73,6%)
Local	8 (33,3%)	506 (15,4%)
General	1 (4,17%)	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:	23	3248
Body weight prior to becoming ill	79 [42-103]	70 [20-180]
Actual body weight	66 [35-103]	64 [11-175]
Change in weight was		
Intentional	-	130 (3,97%)
Unintentional	19 (79,2%)	2109 (64,3%)
Weight is stable	3 (12,5%)	524 (16,0%)
Missing	-	99 (3,02%)
During the last week		
Patients who have had pain:		
Not at all	8 (33,3%)	1075 (32,8%)
A little	6 (25,0%)	966 (29,5%)
Quite a bit	5 (20,8%)	585 (17,8%)
Very much	3 (12,5%)	379 (11,6%)
Missing	2 (8,33%)	242 (7,38%)
Patients who needed a rest:		
Not at all	6 (25,0%)	676 (20,6%)
A little	4 (16,7%)	995 (30,4%)
Quite a bit	8 (33,3%)	774 (23,6%)
Very much	4 (16,7%)	535 (16,3%)
Missing	2 (8,33%)	256 (7,81%)
Patients who felt weak:		
Not at all	5 (20,8%)	688 (21,0%)
A little	6 (25,0%)	995 (30,4%)
Quite a bit	5 (20,8%)	783 (23,9%)
Very much	6 (25,0%)	535 (16,3%)
Missing	2 (8,33%)	244 (7,44%)
Patients who felt depressed:		
Not at all	10 (41,7%)	1154 (35,2%)
A little	4 (16,7%)	1026 (31,3%)
Quite a bit	7 (29,2%)	499 (15,2%)
Very much	1 (4,17%)	282 (8,60%)
Missing	2 (8,33%)	255 (7,78%)

Patients who were tired:

Not at all	5 (20,8%)	700 (21,4%)
A little	5 (20,8%)	1048 (32,0%)
Quite a bit	3 (12,5%)	755 (23,0%)
Very much	9 (37,5%)	494 (15,1%)
Missing	2 (8,33%)	243 (7,41%)

Patients whose pain interfered with their daily activities:

Not at all	6 (25,0%)	1203 (36,7%)
A little	8 (33,3%)	789 (24,1%)
Quite a bit	4 (16,7%)	548 (16,7%)
Very much	4 (16,7%)	421 (12,8%)
Missing	2 (8,33%)	267 (8,15%)

Patients who lacked appetite:

Not at all	7 (29,2%)	1102 (33,6%)
A little	6 (25,0%)	840 (25,6%)
Quite a bit	5 (20,8%)	567 (17,3%)
Very much	2 (8,33%)	465 (14,2%)
Missing	3 (12,5%)	261 (7,96%)

Just now**Patients who have pain:**

Not at all	5 (20,8%)	1281 (39,1%)
A little	11 (45,8%)	1090 (33,3%)
Quite a bit	5 (20,8%)	444 (13,5%)
Very much	1 (4,17%)	167 (5,09%)
Missing	2 (8,33%)	258 (7,87%)

Patients who need a rest:

Not at all	5 (20,8%)	671 (20,5%)
A little	4 (16,7%)	1142 (34,8%)
Quite a bit	8 (33,3%)	759 (23,2%)
Very much	5 (20,8%)	393 (12,0%)
Missing	2 (8,33%)	266 (8,11%)

Patients who feel weak:

Not at all	5 (20,8%)	760 (23,2%)
A little	4 (16,7%)	1079 (32,9%)
Quite a bit	7 (29,2%)	740 (22,6%)
Very much	6 (25,0%)	386 (11,8%)
Missing	2 (8,33%)	265 (8,08%)

Patients who are depressed:

Not at all	7 (29,2%)	1318 (40,2%)
A little	4 (16,7%)	1001 (30,5%)
Quite a bit	9 (37,5%)	431 (13,1%)
Very much	2 (8,33%)	199 (6,07%)
Missing	2 (8,33%)	270 (8,24%)

Patients who are tired:

Not at all	5 (20,8%)	799 (24,4%)
A little	3 (12,5%)	1157 (35,3%)
Quite a bit	5 (20,8%)	651 (19,9%)
Very much	8 (33,3%)	352 (10,7%)
Missing	3 (12,5%)	270 (8,24%)

Patients whose pain interferes with their daily activities:

Not at all	4 (16,7%)	1232 (37,6%)
A little	5 (20,8%)	858 (26,2%)
Quite a bit	7 (29,2%)	531 (16,2%)
Very much	6 (25,0%)	318 (9,70%)
Missing	2 (8,33%)	288 (8,79%)

Patients who lack appetite:

Not at all	4 (16,7%)	1159 (35,4%)
A little	7 (29,2%)	880 (26,8%)
Quite a bit	5 (20,8%)	550 (16,8%)
Very much	6 (25,0%)	355 (10,8%)
Missing	2 (8,33%)	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	18 (75,0%)	121 (3,69%)

Maximum activity performed by patients

Able to do sports	-	135 (4,12%)
Fully active	1 (4,17%)	462 (14,1%)
Able to carry out light activities	3 (12,5%)	675 (20,6%)
Able to carry out self care	4 (16,7%)	777 (23,7%)
Able to carry out limited self care	3 (12,5%)	487 (14,9%)

Confined to bed or chair	11 (45,8%)	463 (14,1%)
Missing	2 (8,33%)	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	8 (33,3%)	701 (21,4%)
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Patients needing help to complete questionnaire	18 (75,0%)	1819 (55,5%)
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Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	13 (54,2%)	2090 (63,8%)
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