



nutritionDay
WORLDWIDE

Country report
nutritionDay 2016
United States

Dear participant,

Thank you for your participation in nutritionDay worldwide in 2016 and for your effort. We are now able to present you your country report of the following sample size:

Number of centers on nutritionDay:	52
Number of units on nutritionDay:	67
Number of patients on nutritionDay:	1083
Number of patients who gave consent:	957
Number of patients completing Sheet 3a:	928
Number of patients completing Sheet 3b:	926
Number of cancer patients on nutritionDay:	124
Number of patients completing Sheet 2_onco:	26
Number of patients completing Sheet 3_onco:	26
Number of patients with 30-day outcome assessment:	819

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

The report consists of 5 parts:

Part I reflects capacity and staffing of your hospitals.

Part II reflects the organisation and the structure of the units.

Part III describes the patient's demographics, the clinical information and the outcome.

Part IV is the summary of information on patient's nutrition, history and health status.

Part V is your oncology Report.

Next year's nutritionDay will take place in November 2017. Again, we would very much appreciate your participation. You will be provided with further information on a regular basis.

Best regards from the nutritionDay-Team!

Prof. Dr. Michael Hiesmayr

Sigrid Moick, MA

I. Hospital capacity and staffing ("Hospital sheet"):

	YOUR RESULTS	REFERENCE RESULTS
1. Total number of beds in hospital	260 [125-414]	305 [180-526]
2. Total number of admissions in the hospital last year	9878 [5475-25000]	17891 [8741-38415]
3. Total number of staff in the hospital		
Total medical doctors	73 [20-364]	162 [65-328]
Medical specialists	14 [7-171]	108 [44-210]
Medical non-specialists	8 [6-38]	35 [12-81]
Nurses	286 [65-550]	346 [124-710]
Dieticians	4 [2-8]	4 [1-8]
Nutritionists	0 [0-0]	1 [0-4]
Pharmacists	8 [4-20]	6 [3-14]
Kitchen staff	32 [18-53]	28 [11-55]
Full time equivalent		
Total medical doctors	35 [19-241]	126 [56-296]
Medical specialists	15 [7-158]	88 [44-210]
Medical non-specialists	29 [9-70]	33 [11-83]
Nurses	117 [60-438]	317 [123-726]
Dieticians	4 [2-7]	4 [1-7]
Nutritionists	0 [0-0]	1 [0-4]
Pharmacists	8 [4-20]	5 [2-11]
Kitchen staff	30 [19-48]	25 [12-50]
4. Does the hospital have a nutrition care strategy?	32 (72.7%) Yes	269 (76.0%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	25 (56.8%) Yes	226 (63.8%) Yes
Nutrition steering committee is available	15 (34.1%) Yes	207 (58.5%) Yes
Quality indicators are recorded and reported to national or regional level	19 (43.2%) Yes	139 (39.3%) Yes
Quality indicators are used for internal benchmarking	33 (75.0%) Yes	171 (48.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	37 (84.1%) Yes	250 (70.6%) Yes
None	1 (2.3%) Yes	30 (8.5%) Yes
No answer given	-	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	8 (18.2%) Yes	175 (49.4%) Yes
Oral nutrition supplements	7 (15.9%) Yes	141 (39.8%) Yes

Parenteral nutrition	13 (29.5%) Yes	202 (57.1%) Yes
Enteral nutrition	6 (13.6%) Yes	167 (47.2%) Yes
Dietary counseling	13 (29.5%) Yes	120 (33.9%) Yes
Specific dietary interventions	2 (4.5%) Yes	104 (29.4%) Yes
Screening for malnutrition	7 (15.9%) Yes	88 (24.9%) Yes
Risk of malnutrition	7 (15.9%) Yes	90 (25.4%) Yes
Malnutrition (in general)	28 (63.6%) Yes	170 (48.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	37 (84.1%) Yes	154 (43.5%) Yes
No information available from billing/finance/controlling	1 (2.3%) Yes	55 (15.5%) Yes
No answer given	-	28 (7.9%)

Codes routinely used

Nutrition Support	4 (9.1%) Yes	139 (39.3%) Yes
Oral nutrition supplements	4 (9.1%) Yes	111 (31.4%) Yes
Parenteral nutrition	7 (15.9%) Yes	177 (50.0%) Yes
Enteral nutrition	4 (9.1%) Yes	145 (41.0%) Yes
Dietary counseling	12 (27.3%) Yes	88 (24.9%) Yes
Specific dietary interventions	2 (4.5%) Yes	84 (23.7%) Yes
Screening for malnutrition	7 (15.9%) Yes	68 (19.2%) Yes
Risk of malnutrition	5 (11.4%) Yes	61 (17.2%) Yes
Malnutrition (in general)	25 (56.8%) Yes	138 (39.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	35 (79.5%) Yes	126 (35.6%) Yes
No information available from billing/finance/controlling	2 (4.5%) Yes	68 (19.2%) Yes
No answer given	-	42 (11.9%)

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	27 (40.3%)	92 (20.0%)
Internal Medicine / Cardiology	14 (20.9%)	26 (5.7%)
Internal Medicine / Gastroenterology & hepatology	1 (1.5%)	31 (6.8%)
Internal Medicine / Geriatrics	2 (3.0%)	37 (8.1%)
Internal Medicine / Infectious diseases	-	5 (1.1%)
Internal Medicine / Nephrology	1 (1.5%)	5 (1.1%)
Internal Medicine / Oncology (incl. radiotherapy)	2 (3.0%)	35 (7.6%)
Interdisciplinary	-	21 (4.6%)
Long term care	-	7 (1.5%)
Neurology	2 (3.0%)	14 (3.1%)
Surgery / General	4 (6.0%)	82 (17.9%)
Surgery/ Cardiac/Vascular/Thoracic	1 (1.5%)	6 (1.3%)
Surgery / Neurosurgery	1 (1.5%)	4 (0.9%)
Surgery / Orthopedic	6 (9.0%)	19 (4.1%)
Trauma	-	7 (1.5%)
Ear Nose Throat (ENT)	-	7 (1.5%)
Gynecology / Obstetrics	-	10 (2.2%)
Pediatrics	1 (1.5%)	-
Psychiatry	-	3 (0.7%)
Others	5 (7.5%)	48 (10.5%)
2. Number of registered inpatients at noon	25 [19-30]	24 [17-35]
3. Total bed capacity of the unit	34 [26-41]	31 [25-44]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	4 [2-6]	4 [2-8]
Nurses	6 [5-8]	5 [4-8]
Nursing aides	3 [2-4]	2 [1-4]
Dieticians	1 [1-1]	1 [0-1]
Nutritionists	0 [0-0]	0 [0-1]
Administrative staff	2 [1-2]	1 [0-2]
Other staff involved in patient care	3 [2-4]	1 [0-3]
In training		
Medical doctors	3 [2-6]	1 [0-3]
Medical students	2 [1-5]	1 [0-2]
Nurses	0 [0-1]	1 [0-3]

Nursing aides	0 [0-0]	0 [0-0]
Dieticians	0 [0-1]	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 (23.8%) Yes 323 (73.6%) Yes

6. Does the unit have a nutrition care strategy? 42 (66.7%) Yes 316 (72.0%) Yes

7. Is there a person in your unit responsible for nutrition care? 55 (87.3%) Yes 317 (72.2%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 63 (100%) Yes 395 (90.0%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 50 (79.4%) Yes 268 (61.0%) Yes

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

At admission

No routine screening	2 (3.0%) Yes	45 (9.8%) Yes
No fixed criteria	1 (1.5%) Yes	10 (2.2%) Yes
Experience / visual assessment only	2 (3.0%) Yes	43 (9.4%) Yes
Weighing / BMI only	5 (7.5%) Yes	66 (14.4%) Yes
Nutritional Risk Screening (NRS) 2002	6 (9.0%) Yes	131 (28.5%) Yes
Malnutrition Universal Screening Tool (MUST)	3 (4.5%) Yes	28 (6.1%) Yes
Malnutrition Screening tool (MST)	37 (55.2%) Yes	42 (9.2%) Yes
SNAQ	1 (1.5%) Yes	2 (0.44%) Yes
Other formal tool	6 (9.0%) Yes	70 (15.3%) Yes
I do not know	-	2 (0.44%) Yes
Missing	4 (6.0%)	20 (4.4%)

During hospital stay

No routine monitoring	6 (9.0%) Yes	43 (9.4%) Yes
No fixed criteria	11 (16.4%) Yes	44 (9.6%) Yes
Experience / visual assessment only	13 (19.4%) Yes	90 (19.6%) Yes
Weighing / BMI only	4 (6.0%) Yes	132 (28.8%) Yes
Other formal tool	29 (43.3%) Yes	121 (26.4%) Yes
I do not know	-	9 (2.0%) Yes
Missing	4 (6.0%)	20 (4.4%)

11a. Do you routinely use guidelines or standards for nutrition care? 63 (100%) Yes 343 (78.7%) Yes

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

International guidelines	-	86 (25.1%) Yes
National guidelines	37 (58.7%) Yes	56 (16.3%) Yes
Standards on hospital level	8 (12.7%) Yes	115 (33.5%) Yes
Standards on unit level	1 (1.6%) Yes	23 (6.7%) Yes
Individual patient nutrition care plans	16 (25.4%) Yes	56 (16.3%) Yes
Other	1 (1.6%) Yes	4 (1.2%) Yes
Missing	-	3 (0.87%)

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

Watchful waiting	8 (11.9%) Yes	139 (30.3%) Yes
Discuss nutrition care activities during ward rounds	29 (43.3%) Yes	192 (41.8%) Yes
Develop an individual nutrition care plan	56 (83.6%) Yes	246 (53.6%) Yes
Initiate treatment / nutrition intervention	58 (86.6%) Yes	277 (60.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	58 (86.6%) Yes	285 (62.1%) Yes
Consult a medical professional	25 (37.3%) Yes	172 (37.5%) Yes
Calculate energy requirements	54 (80.6%) Yes	232 (50.5%) Yes
Calculate protein requirements	54 (80.6%) Yes	226 (49.2%) Yes

Malnourished

Watchful waiting	5 (7.5%) Yes	98 (21.4%) Yes
Discuss nutrition care activities during ward rounds	23 (34.3%) Yes	208 (45.3%) Yes
Develop an individual nutrition care plan	45 (67.2%) Yes	258 (56.2%) Yes
Initiate treatment / nutrition intervention	48 (71.6%) Yes	304 (66.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	52 (77.6%) Yes	284 (61.9%) Yes
Consult a medical professional	31 (46.3%) Yes	183 (39.9%) Yes
Calculate energy requirements	47 (70.1%) Yes	261 (56.9%) Yes
Calculate protein requirements	47 (70.1%) Yes	257 (56.0%) Yes

Every patient

Watchful waiting	27 (40.3%) Yes	193 (42.0%) Yes
Discuss nutrition care activities during ward rounds	25 (37.3%) Yes	126 (27.5%) Yes
Develop an individual nutrition care plan	6 (9.0%) Yes	74 (16.1%) Yes
Initiate treatment / nutrition intervention	3 (4.5%) Yes	57 (12.4%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	2 (3.0%) Yes	73 (15.9%) Yes
Consult a medical professional	19 (28.4%) Yes	101 (22.0%) Yes
Calculate energy requirements	5 (7.5%) Yes	50 (10.9%) Yes
Calculate protein requirements	5 (7.5%) Yes	44 (9.6%) Yes

Never

Watchful waiting	9 (13.4%) Yes	34 (7.4%) Yes
Discuss nutrition care activities during ward rounds	5 (7.5%) Yes	38 (8.3%) Yes

Develop an individual nutrition care plan	-	31 (6.8%) Yes
Initiate treatment / nutrition intervention	-	6 (1.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	8 (1.7%) Yes
Consult a medical professional	1 (1.5%) Yes	49 (10.7%) Yes
Calculate energy requirements	-	50 (10.9%) Yes
Calculate protein requirements	-	54 (11.8%) Yes

I do not know

Watchful waiting	7 (10.4%) Yes	20 (4.4%) Yes
Discuss nutrition care activities during ward rounds	1 (1.5%) Yes	10 (2.2%) Yes
Develop an individual nutrition care plan	-	5 (1.1%) Yes
Initiate treatment / nutrition intervention	-	4 (0.87%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	4 (0.87%) Yes
Consult a medical professional	4 (6.0%) Yes	18 (3.9%) Yes
Calculate energy requirements	-	11 (2.4%) Yes
Calculate protein requirements	-	13 (2.8%) Yes

13. When do you routinely weigh your patients?

at admission	55 (82.1%) Yes	291 (63.4%) Yes
Within 24 hours	12 (17.9%) Yes	64 (13.9%) Yes
Within 48 hours	-	20 (4.4%) Yes
Within 72 hours	-	13 (2.8%) Yes
Every week	14 (20.9%) Yes	152 (33.1%) Yes
Occasionally	6 (9.0%) Yes	59 (12.9%) Yes
When requested	31 (46.3%) Yes	207 (45.1%) Yes
At discharge	-	20 (4.4%) Yes
Never	1 (1.5%) Yes	8 (1.7%) Yes
I do not know	-	1 (0.22%) Yes
No answer given	3 (5.0%)	22 (4.8%)

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

Offer additional meals or in between snacks	54 (80.6%) Yes	338 (73.6%) Yes
Offer meal choices	61 (91.0%) Yes	336 (73.2%) Yes
Offer different portion sizes	37 (55.2%) Yes	282 (61.4%) Yes
Consider food presentation	40 (59.7%) Yes	192 (41.8%) Yes
Change food texture/consistency as needed	59 (88.1%) Yes	376 (81.9%) Yes
Consider patient problems with eating and drinking	57 (85.1%) Yes	372 (81.0%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	4 (6.0%) Yes	51 (11.1%) Yes
Promote positive eating environment	9 (13.4%) Yes	82 (17.9%) Yes
Consider cultural/religious preferences	22 (32.8%) Yes	188 (41.0%) Yes
Consider patient allergies / intolerances	24 (35.8%) Yes	214 (46.6%) Yes
Other	4 (6.0%) Yes	29 (6.3%) Yes
I do not know	1 (1.5%) Yes	6 (1.3%) Yes
No answer given	4 (6.0%)	20 (4.4%)

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

Nutrition training is available	31 (46.3%) Yes	257 (56.0%) Yes
Reporting of nutrition related information to hospital managers	43 (64.2%) Yes	201 (43.8%) Yes
Quality indicators are recorded and reported to national or regional level	26 (38.8%) Yes	123 (26.8%) Yes
Quality indicators are used for internal benchmarking	40 (59.7%) Yes	166 (36.2%) Yes
Patient feedback about food and food service is collected using a questionnaire	53 (79.1%) Yes	291 (63.4%) Yes
None	1 (1.5%) Yes	21 (4.6%) Yes
I do not know	1 (1.5%) Yes	11 (2.4%) Yes
No answer given	6 (9.0%)	36 (7.8%)

16. At admission what is asked and documented?

Change in weight	62 (92.5%) Yes	358 (78.0%) Yes
Eating habits/difficulties	54 (80.6%) Yes	336 (73.2%) Yes
Nutrition before admission	44 (65.7%) Yes	260 (56.6%) Yes
None	-	9 (2.0%) Yes
I do not know	-	5 (1.1%) Yes
No answer given	4 (6.0%)	38 (8.3%)

17. On what forms is there a specific part about eating, nutrition or malnutrition?**a. Patient Record has a section for ...**

indicating if the patient is malnourished or at risk of malnutrition	45 (67.2%) Yes	323 (70.4%) Yes
nutrition treatment	49 (73.1%) Yes	270 (58.8%) Yes
None	2 (3.0%) Yes	30 (6.5%) Yes
I do not know	49 (73.1%) Yes	270 (58.8%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	18 (26.9%) Yes	162 (35.3%) Yes
makes future nutrition-related recommendations	32 (47.8%) Yes	258 (56.2%) Yes
None	13 (19.4%) Yes	56 (12.2%) Yes
I do not know	8 (11.9%) Yes	23 (5.0%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	7 (12.1%) Yes	162 (43.9%) Yes
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19. Who filled in this sheet?

Head staff	6 (9.0%) Yes	117 (25.5%) Yes
Dietician	61 (91.0%) Yes	236 (51.4%) Yes
Nurse	2 (3.0%) Yes	124 (27.0%) Yes
Physician	-	72 (15.7%) Yes
Administrative staff	1 (1.5%) Yes	4 (0.87%) Yes

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

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

	YOUR RESULTS	REFERENCE RESULTS
Total	957	8743
Age	66 [53-78]	67 [53-78]
Female	552 (57.7%)	4410 (50.4%)
Weight	81.5±26.1	69.1±18.8
Height	168±12	164±10
BMI	29.0±8.6	25.5±6.0

1. This hospital admission was...

planned	154 (16.1%)	3052 (34.9%)
an emergency	692 (72.3%)	5037 (57.6%)
I do not know	111 (11.6%)	654 (7.5%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	105 (11.0%)	801 (9.2%)
0200 Neoplasms	59 (6.2%)	1381 (15.8%)
0300 Blood and bloodforming organs and the immune mechanism	56 (5.9%)	578 (6.6%)
0400 Endocrine, nutritional and metabolic diseases	132 (13.8%)	1043 (11.9%)
0500 Mental health	47 (4.9%)	333 (3.8%)
0600 Nervous system	43 (4.5%)	762 (8.7%)
0700 Eye and adnexa	5 (0.52%)	131 (1.5%)
0800 Ear and mastoid process	3 (0.31%)	70 (0.80%)
0900 Circulatory system	247 (25.8%)	1723 (19.7%)
1000 Respiratory system	221 (23.1%)	1358 (15.5%)
1100 Digestive system	192 (20.1%)	2210 (25.3%)
1200 Skin and subcutaneous tissue	67 (7.0%)	424 (4.8%)
1300 Musculoskeletal system and connective tissue	125 (13.1%)	1276 (14.6%)
1400 Genitourinary system	71 (7.4%)	809 (9.3%)
1500 Pregnancy, childbirth and the puerperium	8 (0.84%)	123 (1.4%)
1600 Conditions originating in the perinatal period	1 (0.10%)	21 (0.24%)
1700 Congenital/chromosomal abnormalities	1 (0.10%)	9 (0.10%)
1800 Symptoms, signs, abnormal clinical/lab findings	100 (10.4%)	391 (4.5%)
1900 Injury, poisoning	45 (4.7%)	276 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	6 (0.63%)	156 (1.8%)
2100 Factors influencing health status and contact with health services	21 (2.2%)	210 (2.4%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	416 (47.0%)	1569 (22.2%)
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Myocardial infarction	55 (6.6%)	394 (5.8%)
Chronic lung disease	219 (25.6%)	1080 (15.5%)
Cerebral vascular disease	98 (11.6%)	745 (10.9%)
Peripheral vascular disease	88 (10.6%)	869 (12.6%)
Chronic liver disease	36 (4.4%)	441 (6.5%)
Chronic kidney disease	137 (16.3%)	821 (11.9%)
Diabetes	302 (35.3%)	1899 (26.8%)
Cancer	124 (14.8%)	1733 (24.8%)
Infection	152 (18.3%)	1103 (15.8%)
Dementia	44 (5.3%)	374 (5.5%)
Major depressive disorder	68 (8.3%)	377 (5.6%)
Other chronic mental disorder	75 (9.1%)	378 (5.6%)
Other chronic disease	315 (36.6%)	1968 (27.8%)
None	92 (9.6%)	1394 (15.9%)

4a. Previous operation during this hospital stay

Yes, planned	115 (12.0%)	1743 (19.9%)
Yes, acute	76 (7.9%)	539 (6.2%)
No	736 (76.9%)	6145 (70.3%)
I do not know	14 (1.5%)	126 (1.4%)
Missing	16 (1.7%)	190 (2.2%)

Days since operation	2 [1-4]	4 [1-13]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	39 (4.1%)	738 (8.4%)
Yes, later	14 (1.5%)	513 (5.9%)
No	863 (90.2%)	6496 (74.3%)
I do not know	19 (2.0%)	414 (4.7%)
Missing	22 (2.3%)	582 (6.7%)

5. Previous ICU admission during this hospital stay? (Yes)	69 (7.2%)	934 (10.7%)
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6. Is this patient terminally ill?	54 (5.6%)	630 (7.2%)
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7. Fluid status

Normal	645 (67.4%)	6866 (78.5%)
Overloaded	151 (15.8%)	500 (5.7%)
Dehydrated	53 (5.5%)	450 (5.1%)
I do not know	108 (11.3%)	927 (10.6%)
Missing	-	-

8. Number of different medications planned

Oral	7 [4-10]	5 [2-8]
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Other	3 [2-5]	2 [1-4]
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9. Was this patient identified as malnourished or at risk of malnutrition?

Malnourished	72 (7.5%)	871 (10.0%)
At risk	103 (10.8%)	1543 (17.6%)
No	706 (73.8%)	5642 (64.5%)
I do not know	76 (7.9%)	687 (7.9%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	399 (41.7%)	3469 (39.7%)
5% Glucose solution	70 (7.3%)	860 (9.8%)

11. Number of ONS drinks planned

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

Regular hospital food	592 (61.9%)	4849 (55.5%)
Fortified/enriched hospital food	16 (1.7%)	756 (8.6%)
Protein/energy supplement (e.g. ONS drinks)	124 (13.0%)	998 (11.4%)
Enteral nutrition	17 (1.8%)	485 (5.5%)
Parenteral nutrition	17 (1.8%)	479 (5.5%)
Special diet	506 (52.9%)	3072 (35.1%)
None	35 (3.7%)	474 (5.4%)

13a. All lines and Tubes

Central Venous	106 (11.1%)	734 (8.4%)
Peripheral venous access	571 (59.7%)	4122 (47.1%)
Nasogastric	10 (1.0%)	258 (3.0%)
Nasojejunal	1 (0.10%)	38 (0.43%)
Nasoduodenal	-	22 (0.25%)
Enterostoma	5 (0.52%)	42 (0.48%)
Percutaneous endoscopy/surgical gastrostomy	9 (0.94%)	67 (0.77%)
Percutaneous endoscopy/surgical jejunostomy	3 (0.31%)	27 (0.31%)
None	288 (30.1%)	3894 (44.5%)

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

Yes, previously	4 (0.42%)	87 (1.00%)
Yes, ongoing	1 (0.10%)	80 (0.92%)
No	874 (91.3%)	7278 (83.2%)
I do not know	54 (5.6%)	846 (9.7%)
Missing	24 (2.5%)	452 (5.2%)

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

Energy requirements were determined	353 (36.9%)	3103 (35.5%)
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Protein requirements were determined	354 (37.0%)	2765 (31.6%)
Food/Nutrition intake was recorded in the patient record	683 (71.4%)	3893 (44.5%)
Nutrition treatment plan was developed	396 (41.4%)	3013 (34.5%)
Nutrition expert was consulted	333 (34.8%)	2890 (33.1%)
Malnutrition status is recorded in the patient record	229 (23.9%)	2363 (27.0%)
None	-	-

15a. Energy goal

< 500 kcal	43 (4.5%)	268 (3.1%)
500-999 kcal	3 (0.31%)	93 (1.1%)
1000-1499 kcal	60 (6.3%)	884 (10.1%)
1500-1999 kcal	206 (21.5%)	2574 (29.4%)
>=2000 kcal	92 (9.6%)	958 (11.0%)
Not determined	480 (50.2%)	3200 (36.6%)
I do not know	70 (7.3%)	730 (8.3%)
Missing	3 (0.31%)	36 (0.41%)

15b. Energy intake

< 500 kcal	83 (8.7%)	530 (6.1%)
500-999 kcal	63 (6.6%)	483 (5.5%)
1000-1499 kcal	84 (8.8%)	1101 (12.6%)
1500-1999 kcal	140 (14.6%)	1928 (22.1%)
>=2000 kcal	44 (4.6%)	584 (6.7%)
Not determined	401 (41.9%)	2964 (33.9%)
I do not know	137 (14.3%)	1101 (12.6%)
Missing	5 (0.52%)	52 (0.59%)

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

Improved	465 (48.6%)	4436 (50.7%)
Deteriorated	37 (3.9%)	485 (5.5%)
Remained the same	231 (24.1%)	2411 (27.6%)
This patient has just been admitted	74 (7.7%)	555 (6.3%)
I do not know	150 (15.7%)	856 (9.8%)
Missing	-	-

Length of hospital stay (days)	7 [4-16]	12 [6-24]
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Outcome Code

1= Still in the hospital	22 (2.3%)	748 (8.6%)
2= Transferred to another hospital	13 (1.4%)	211 (2.4%)
3= Transferred to long term care	63 (6.6%)	360 (4.1%)
4= Rehabilitation	98 (10.2%)	486 (5.6%)
5= Discharged home	588 (61.4%)	6417 (73.4%)
6= Death	16 (1.7%)	260 (3.0%)

7= Others	19 (2.0%)	173 (2.0%)
Missing	138 (14.4%)	88 (1.0%)
Readmitted since ND		
1= No	648 (83.3%)	6055 (78.3%)
2= Yes, same hospital planned	17 (2.2%)	457 (5.9%)
3= Yes, same hospital unplanned	99 (12.7%)	454 (5.9%)
4= Yes, different hospital planned	10 (1.3%)	44 (0.57%)
5= Yes, different hospital unplanned	10 (1.3%)	44 (0.57%)
6= Unknown	1 (0.13%)	299 (3.9%)
Missing	2 (0.26%)	386 (5.0%)

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

	YOUR RESULTS	REFERENCE RESULTS
1. What are your typical dietary habits?		
No special dietary habits	579 (62.4%)	5885 (69.8%)
I am vegetarian	12 (1.3%)	142 (1.7%)
I adhere to a vegan diet	3 (0.32%)	50 (0.59%)
I eat gluten-free diet	13 (1.4%)	73 (0.87%)
I avoid added sugars	108 (11.6%)	1290 (15.3%)
I avoid carbohydrates	56 (6.0%)	477 (5.7%)
I eat a low fat-diet	53 (5.7%)	972 (11.5%)
I am lactose intolerant	18 (1.9%)	328 (3.9%)
Other special diet due to intolerances/allergies	24 (2.6%)	171 (2.0%)
Other	147 (15.8%)	603 (7.2%)
No answer given	4 (0.43%)	162 (1.9%)
2. Where did you live before your current hospital admission?		
At home	819 (88.3%)	7497 (89.0%)
In a nursing home or other live-in facility	75 (8.1%)	287 (3.4%)
I was transferred from another hospital	10 (1.1%)	418 (5.0%)
Other	16 (1.7%)	139 (1.6%)
Missing	8 (0.86%)	87 (1.0%)
3. In general, are you able to walk?		
Yes	576 (62.1%)	5392 (64.0%)
Yes, with someone's help	89 (9.6%)	899 (10.7%)
Yes, independently using a cane, walker, or crutches	177 (19.1%)	1107 (13.1%)
No, I have a wheelchair	45 (4.8%)	355 (4.2%)
No, I am bedridden	32 (3.4%)	548 (6.5%)
Missing	9 (0.97%)	127 (1.5%)
4. In general, how would you say your health is?		
Very good	105 (11.3%)	615 (7.3%)
Good	299 (32.2%)	3078 (36.5%)
Fair	337 (36.3%)	3196 (37.9%)
Poor	146 (15.7%)	1144 (13.6%)
Very poor	22 (2.4%)	254 (3.0%)
Missing	19 (2.0%)	141 (1.7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	5 [2-10]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-3]	1 [0-2]
... how many nights in total have you spent in hospital?	3 [0-7]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	106 (11.4%)	1638 (19.4%)
3-5	215 (23.2%)	2272 (27.0%)
More than 5	476 (51.3%)	2608 (30.9%)
None	92 (9.9%)	1375 (16.3%)
I do not know	32 (3.4%)	429 (5.1%)
Missing	7 (0.75%)	106 (1.3%)

7. Do you have health insurance?		
Yes, private insurance only	227 (24.5%)	1250 (14.8%)
Yes, public insurance only	299 (32.2%)	4213 (50.0%)
Yes, both	191 (20.6%)	1101 (13.1%)
None	50 (5.4%)	1114 (13.2%)
I prefer not to answer	116 (12.5%)	483 (5.7%)
Missing	45 (4.8%)	267 (3.2%)

8. What was your weight 5 years ago?	81 [66-100]	70 [60-83]
I do not know	267 (28.8%)	2268 (26.9%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	107 (11.5%)	795 (9.4%)
Yes, unintentionally	272 (29.3%)	3179 (37.7%)
No, my weight stayed the same	322 (34.7%)	2488 (29.5%)
No, I gained weight	103 (11.1%)	911 (10.8%)
I do not know	98 (10.6%)	856 (10.2%)
Missing	26 (2.8%)	199 (2.4%)

9b. If yes, how many kg did you lose?	7 [4-12]	6 [3-10]
I do not know	53 (14.0%)	672 (16.9%)

10. Did you know about your hospitalisation two days before admission? (Yes)	165 (18.5%)	3142 (39.1%)
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11. Please indicate if you ...		
... were weighed at admission	569 (61.6%)	4710 (56.2%)
... were informed about your nutrition status	238 (26.2%)	2651 (32.0%)
... were informed about nutrition care options	248 (27.4%)	2341 (28.3%)
... received special nutrition care	216 (23.9%)	2232 (27.0%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	30 (3.2%)	366 (4.4%)
Normal	517 (55.8%)	5184 (62.0%)
About 3/4 of normal	83 (9.0%)	801 (9.6%)
About half of normal	158 (17.1%)	1028 (12.3%)

About a quarter to nearly nothing	119 (12.9%)	750 (9.0%)
I do not know	8 (0.86%)	82 (0.98%)
Missing	11 (1.2%)	157 (1.9%)

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

Very satisfied	330 (35.6%)	2303 (27.5%)
Somewhat satisfied	262 (28.3%)	2525 (30.2%)
Neutral	165 (17.8%)	1669 (19.9%)
Dissatisfied	44 (4.8%)	652 (7.8%)
Very dissatisfied	26 (2.8%)	252 (3.0%)
I do not know	81 (8.7%)	712 (8.5%)
Missing	18 (1.9%)	255 (3.0%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	60 (6.5%)	910 (10.9%)
Yes, from hospital staff	57 (6.2%)	544 (6.5%)
No	773 (83.5%)	6450 (77.1%)
I do not know	6 (0.65%)	107 (1.3%)
Missing	30 (3.2%)	357 (4.3%)

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

613 (69.1%)	5869 (74.5%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	417 (45.0%)	4051 (48.4%)
1/2	239 (25.8%)	1966 (23.5%)
1/4	152 (16.4%)	1005 (12.0%)
Nothing	94 (10.2%)	975 (11.7%)
Missing	24 (2.6%)	371 (4.4%)

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

Standard	643 (69.4%)	5388 (64.4%)
Smaller	63 (6.8%)	778 (9.3%)
Larger	70 (7.6%)	328 (3.9%)
I do not know	70 (7.6%)	848 (10.1%)
Missing	80 (8.6%)	1026 (12.3%)

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

I did not like the type of food offered	58 (12.0%)	570 (14.4%)
I did not like the smell/taste of the food	44 (9.1%)	443 (11.2%)
The food did not fit my cultural/religious preferences	4 (0.82%)	47 (1.2%)
The food was too hot	-	14 (0.35%)
The food was too cold	10 (2.1%)	86 (2.2%)
Due to food allergy/intolerance	1 (0.21%)	25 (0.63%)
I was not hungry at that time	112 (23.1%)	672 (17.0%)

I do not have my usual appetite	137 (28.2%)	1114 (28.2%)
I have problems chewing/swallowing	18 (3.7%)	225 (5.7%)
I normally eat less than what was served	43 (8.9%)	428 (10.8%)
I had nausea/vomiting	47 (9.7%)	327 (8.3%)
I was too tired	25 (5.2%)	219 (5.5%)
I cannot eat without help	5 (1.0%)	68 (1.7%)
I was not allowed to eat	31 (6.4%)	449 (11.4%)
I had an exam, surgery, or test and missed my meal	20 (4.1%)	234 (5.9%)
I did not get requested food	5 (1.0%)	53 (1.3%)
No answer given	68 (14.0%)	481 (12.2%)

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

Water	3 [2-5]	3 [2-5]
Tea	1 [0-2]	1 [0-2]
Coffee	1 [1-2]	1 [0-2]
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? 152 (17.4%) 2048 (26.7%)

19b. If yes, what did you eat?

Sweet snacks	58 (38.2%)	501 (24.5%)
Salty snacks	19 (12.5%)	273 (13.3%)
Homemade food	18 (11.8%)	302 (14.7%)
Fruits	20 (13.2%)	724 (35.4%)
Dairy products	7 (4.6%)	212 (10.4%)
Food delivered/restaurant	15 (9.9%)	84 (4.1%)
Sandwich	21 (13.8%)	139 (6.8%)
Other	31 (20.4%)	400 (19.5%)

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

Increased	177 (19.1%)	1138 (13.6%)
Decreased	225 (24.3%)	2694 (32.2%)
Stayed the same	448 (48.4%)	3504 (41.9%)
I do not know	40 (4.3%)	582 (7.0%)
Missing	36 (3.9%)	450 (5.4%)

21. TODAY I feel...

Stronger than at admission	433 (46.8%)	3635 (43.4%)
Weaker than at admission	116 (12.5%)	1458 (17.4%)
Same as at admission	294 (31.7%)	2363 (28.2%)

I was admitted today	17 (1.8%)	236 (2.8%)
I do not know	54 (5.8%)	454 (5.4%)
Missing	12 (1.3%)	222 (2.7%)

22. Can you walk without assistance TODAY?

Yes	510 (55.1%)	4925 (58.9%)
No, only with assistance	304 (32.8%)	2067 (24.7%)
No, I stay in bed	102 (11.0%)	929 (11.1%)
Missing	10 (1.1%)	447 (5.3%)

23. Did anyone help you complete this questionnaire?	706 (77.2%)	5634 (69.0%)
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V. Oncology: Unit organisation and structures ("Sheet 1 onco"):

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	4	113
Computerized system in hospital:	4 units (100%) YES	109 units (96%) YES
Nutritional treatment of cancer patients is part of overall care plan	4 units (100%) YES	95 units (84%) YES
Nutritional treatment is considered...		
Routinely	3 (75,0%)	56 (49.6%)
When patient asks	1 (25,0%)	29 (25.7%)
When body weight loss > 10%	1 (25,0%)	39 (34.5%)
During palliative phase	-	33 (29.2%)
Other	1 (25,0%)	6 (5.31%)
Missing	-	17 (15.0%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	-	7 (6.19%)
No knowledge of the field	-	7 (6.19%)
No reimbursement	-	7 (6.19%)
It feeds the tumour	-	1 (0.88%)
Other	-	4 (3.54%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	4 (100%)	64 (56.6%)
Calculation of energy needs	4 (100%)	82 (72.6%)
Monitoring patients intake and use of oral supplements	4 (100%)	99 (87.6%)
None	-	4 (3.54%)
Other	-	5 (4.42%)
Missing	-	2 (1.77%)
Nutritional therapy is not used due to		
Lack of evidence	-	2 (1.77%)
Lack of experience	-	6 (5.31%)
No reimbursement	-	3 (2.65%)
Lack of dietitians	-	8 (7.08%)
Lack of other experts	-	3 (2.65%)
Other	-	1 (0.88%)
Missing	-	-
Assessment of parameters in cancer patients & methods used:		

Anthropometry/Body composition:**Body weight**

Regularly	3 (75,0%)	75 (66.4%)
At chemotherapy	1 (25,0%)	12 (10.6%)
When necessary	-	23 (20.4%)
Never	-	1 (0.88%)
Unknown	-	1 (0.88%)
Missing	-	1 (0.88%)

Anthropometrics (circumference)

Regularly	1 (25,0%)	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	1 (25,0%)	40 (35.4%)
Never	2 (50,0%)	53 (46.9%)
Unknown	-	1 (0.88%)
Missing	-	6 (5.31%)

BIA

Regularly	-	5 (4.42%)
At chemotherapy	-	-
When necessary	2 (50,0%)	23 (20.4%)
Never	1 (25,0%)	77 (68.1%)
Unknown	1 (25,0%)	3 (2.65%)
Missing	-	5 (4.42%)

CT SCAN

Regularly	-	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	3 (75,0%)	29 (25.7%)
Never	1 (25,0%)	70 (61.9%)
Unknown	-	3 (2.65%)
Missing	-	4 (3.54%)

DEXA

Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	3 (75,0%)	15 (13.3%)
Never	1 (25,0%)	83 (73.5%)
Unknown	-	8 (7.08%)
Missing	-	5 (4.42%)

Other (body composition)

Regularly	-	1 (0.88%)
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At chemotherapy	-	-
When necessary	1 (25,0%)	16 (14.2%)
Never	1 (25,0%)	40 (35.4%)
Unknown	-	19 (16.8%)
Missing	2 (50,0%)	37 (32.7%)

Body function:

Handgrip

Regularly	-	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	-	36 (31.9%)
Never	3 (75,0%)	60 (53.1%)
Unknown	-	4 (3.54%)
Missing	1 (25,0%)	6 (5.31%)

6-minutes walking test

Regularly	-	3 (2.65%)
At chemotherapy	-	-
When necessary	1 (25,0%)	32 (28.3%)
Never	2 (50,0%)	66 (58.4%)
Unknown	-	5 (4.42%)
Missing	1 (25,0%)	7 (6.19%)

Other (body function)

Regularly	-	4 (3.54%)
At chemotherapy	-	-
When necessary	-	22 (19.5%)
Never	2 (50,0%)	45 (39.8%)
Unknown	-	15 (13.3%)
Missing	2 (50,0%)	27 (23.9%)

Nutritional requirements, calculated

Regularly	4 (100%)	32 (28.3%)
At chemotherapy	-	-
When necessary	-	64 (56.6%)
Never	-	5 (4.42%)
Unknown	-	-
Missing	-	12 (10.6%)

Nutritional intake:

Every meal

Regularly	3 (75,0%)	31 (27.4%)
At chemotherapy	-	1 (0.88%)
When necessary	1 (25,0%)	49 (43.4%)

Never	-	13 (11.5%)
Unknown	-	6 (5.31%)
Missing	-	13 (11.5%)
1 meal per day		
Regularly	1 (25,0%)	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	1 (25,0%)	34 (30.1%)
Never	-	19 (16.8%)
Unknown	-	9 (7.96%)
Missing	2 (50,0%)	38 (33.6%)
2 meals per day		
Regularly	1 (25,0%)	12 (10.6%)
At chemotherapy	-	-
When necessary	-	33 (29.2%)
Never	1 (25,0%)	20 (17.7%)
Unknown	-	9 (7.96%)
Missing	2 (50,0%)	39 (34.5%)
24h recall		
Regularly	-	27 (23.9%)
At chemotherapy	-	2 (1.77%)
When necessary	2 (50,0%)	40 (35.4%)
Never	-	12 (10.6%)
Unknown	-	7 (6.19%)
Missing	2 (50,0%)	25 (22.1%)
Other (nutritional intake)		
Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	-	16 (14.2%)
Never	1 (25,0%)	22 (19.5%)
Unknown	-	17 (15.0%)
Missing	3 (75,0%)	56 (49.6%)
Questionnaire completed by		
Dietitian	4 (100%)	40 (35.4%)
Nurse	-	29 (25.7%)
Physician	-	38 (33.6%)
Nutritional scientist	-	5 (4.42%)
Other	-	-
Missing	-	1 (0.88%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	26	959
Demographic data:		
Age (years)	59 [23-79]	66 [18-96]
Female gender	7 (26,9%)	378 (39.4%)
Weight (kg)	87,3 ± 21,2	65.1 ± 16.5
Height (cm)	174,7 ± 11,7	165.9 ± 9.9
BMI (kg/m2)	29,0 ± 8,2	23.7 ± 4.7
Outpatient (o)/Ward (w)		
Outpatient(o)	-	63 (6.57%)
Ward (w)	25 (96,2%)	892 (93.0%)
Missing	1 (3,85%)	4 (0.42%)
Goal of Therapy		
Curative	14 (53,8%)	554 (57.8%)
Palliative	8 (30,8%)	343 (35.8%)
Terminal	4 (15,4%)	37 (3.86%)
Missing	-	25 (2.61%)
Reason for admission		
Clinical diagnostics	8 (30,8%)	104 (10.8%)
Therapy	5 (19,2%)	469 (48.9%)
Surgery related	1 (3,85%)	200 (20.9%)
Treatment complications	5 (19,2%)	119 (12.4%)
Poor health status	9 (34,6%)	118 (12.3%)
Independent care difficult	-	6 (0.63%)
Missing	-	-
Present cancer diagnosis		
Breast	3 (11,5%)	51 (5.32%)
Colon, rectum	1 (3,85%)	163 (17.0%)
Prostate	-	29 (3.02%)
Lung	4 (15,4%)	75 (7.82%)
Skin	-	4 (0.42%)
Kidney/bladder	-	30 (3.13%)
Gastric/oesophageal	1 (3,85%)	144 (15.0%)
Pancreas	2 (7,69%)	63 (6.57%)
Lymphoma	9 (34,6%)	94 (9.80%)
Ears nose throat (ENT)	-	41 (4.28%)
Leukaemia	4 (15,4%)	74 (7.72%)
Genital tract	1 (3,85%)	32 (3.34%)

Liver	-	103 (10.7%)
Sarcoma	-	8 (0.83%)
Brain	-	11 (1.15%)
Testicular	-	-
Other	1 (3,85%)	73 (7.61%)
Missing	1 (3,85%)	11 (1.15%)

Time since diagnosis

0-2 months	8 (30,8%)	344 (35.9%)
3-5 months	7 (26,9%)	159 (16.6%)
6-12 months	3 (11,5%)	152 (15.8%)
1-2 years	1 (3,85%)	118 (12.3%)
2-4 years	3 (11,5%)	77 (8.03%)
> 4 years	3 (11,5%)	87 (9.07%)
Missing	1 (3,85%)	19 (1.98%)

Cancer staging

0=Carcinoma in situ	1 (3,85%)	35 (3.65%)
I=Localized	5 (19,2%)	202 (21.1%)
II=Early locally advanced	3 (11,5%)	159 (16.6%)
III=Late locally advanced	2 (7,69%)	168 (17.5%)
IV=Metastasised	12 (46,2%)	287 (29.9%)
Missing	3 (11,5%)	108 (11.3%)

Time since first therapy start

No therapy	2 (7,69%)	125 (13.0%)
Tumour staging/diagnosis	2 (7,69%)	63 (6.57%)
0-2 months	6 (23,1%)	267 (27.8%)
3-5 months	7 (26,9%)	128 (13.3%)
6-12 months	2 (7,69%)	135 (14.1%)
1-2 years	2 (7,69%)	90 (9.38%)
2-4 years	3 (11,5%)	59 (6.15%)
> 4 years	2 (7,69%)	98 (10.2%)
Missing	-	16 (1.67%)

Therapy situation

Diagnosis	3 (11,5%)	107 (11.2%)
Chemotherapy 1st line	10 (38,5%)	175 (18.2%)
Chemotherapy > 1st line	7 (26,9%)	142 (14.8%)
Radiotherapy	2 (7,69%)	67 (6.99%)
Target therapy	2 (7,69%)	30 (3.13%)
Hormone therapy	1 (3,85%)	12 (1.25%)
Palliative	3 (11,5%)	108 (11.3%)
Surgery	2 (7,69%)	322 (33.6%)

Cancer related complications	3 (11,5%)	57 (5.94%)
Therapy related complications	1 (3,85%)	36 (3.75%)
Missing	-	13 (1.36%)

Infections

None	14 (53,8%)	731 (76.2%)
Local	7 (26,9%)	136 (14.2%)
General	5 (19,2%)	70 (7.30%)
Missing	-	22 (2.29%)

Nutrition Treatment

No special diet	17 (65,4%)	453 (47.2%)
Individualized diet plan	4 (15,4%)	228 (23.8%)
Energy rich/protein rich ONS	7 (26,9%)	120 (12.5%)
Enteral nutrition (via NGT/PEG)	-	52 (5.42%)
Parenteral nutrition	3 (11,5%)	128 (13.3%)
ONS enriched with special nutrients	1 (3,85%)	19 (1.98%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	7 (0.73%)
Personal preferences	-	109 (11.4%)
Counselling	-	54 (5.63%)
Other	-	27 (2.82%)
Missing	-	-

V. Oncology: Cancer patients - Appetite, food intake & quality of life ("Sheet 3 onco"):

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 3_onco:	26	951
Body weight prior to becoming ill	84 [68-159]	70 [22-180]
Actual body weight	84 [64-132]	63 [21-128]
Change in weight was		
Intentional	-	31 (3.23%)
Unintentional	17 (65,4%)	607 (63.3%)
Weight is stable	3 (11,5%)	154 (16.1%)
Missing	-	30 (3.13%)
During the last week		
Patients who have had pain:		
Not at all	6 (23,1%)	329 (34.3%)
A little	7 (26,9%)	263 (27.4%)
Quite a bit	6 (23,1%)	161 (16.8%)
Very much	4 (15,4%)	107 (11.2%)
Missing	2 (7,69%)	87 (9.07%)
Patients who needed a rest:		
Not at all	-	230 (24.0%)
A little	5 (19,2%)	279 (29.1%)
Quite a bit	10 (38,5%)	212 (22.1%)
Very much	8 (30,8%)	125 (13.0%)
Missing	2 (7,69%)	95 (9.91%)
Patients who felt weak:		
Not at all	1 (3,85%)	228 (23.8%)
A little	7 (26,9%)	266 (27.7%)
Quite a bit	4 (15,4%)	224 (23.4%)
Very much	11 (42,3%)	135 (14.1%)
Missing	2 (7,69%)	92 (9.59%)
Patients who felt depressed:		
Not at all	10 (38,5%)	348 (36.3%)
A little	8 (30,8%)	303 (31.6%)
Quite a bit	3 (11,5%)	125 (13.0%)
Very much	1 (3,85%)	72 (7.51%)
Missing	2 (7,69%)	89 (9.28%)
Patients who were tired:		

Not at all	1 (3,85%)	241 (25.1%)
A little	5 (19,2%)	283 (29.5%)
Quite a bit	5 (19,2%)	213 (22.2%)
Very much	12 (46,2%)	116 (12.1%)
Missing	2 (7,69%)	89 (9.28%)

Patients whose pain interfered with their daily activities:

Not at all	7 (26,9%)	373 (38.9%)
A little	5 (19,2%)	220 (22.9%)
Quite a bit	5 (19,2%)	142 (14.8%)
Very much	6 (23,1%)	110 (11.5%)
Missing	2 (7,69%)	94 (9.80%)

Patients who lacked appetite:

Not at all	3 (11,5%)	347 (36.2%)
A little	12 (46,2%)	238 (24.8%)
Quite a bit	4 (15,4%)	149 (15.5%)
Very much	4 (15,4%)	113 (11.8%)
Missing	2 (7,69%)	95 (9.91%)

Just now

Patients who have pain:

Not at all	12 (46,2%)	375 (39.1%)
A little	6 (23,1%)	304 (31.7%)
Quite a bit	3 (11,5%)	122 (12.7%)
Very much	2 (7,69%)	45 (4.69%)
Missing	2 (7,69%)	98 (10.2%)

Patients who need a rest:

Not at all	1 (3,85%)	192 (20.0%)
A little	10 (38,5%)	322 (33.6%)
Quite a bit	7 (26,9%)	230 (24.0%)
Very much	5 (19,2%)	98 (10.2%)
Missing	2 (7,69%)	96 (10.0%)

Patients who feel weak:

Not at all	3 (11,5%)	209 (21.8%)
A little	10 (38,5%)	313 (32.6%)
Quite a bit	3 (11,5%)	219 (22.8%)
Very much	6 (23,1%)	99 (10.3%)
Missing	2 (7,69%)	98 (10.2%)

Patients who are depressed:

Not at all	14 (53,8%)	375 (39.1%)
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A little	5 (19,2%)	314 (32.7%)
Quite a bit	1 (3,85%)	116 (12.1%)
Very much	1 (3,85%)	39 (4.07%)
Missing	2 (7,69%)	96 (10.0%)

Patients who are tired:

Not at all	3 (11,5%)	222 (23.1%)
A little	7 (26,9%)	343 (35.8%)
Quite a bit	4 (15,4%)	197 (20.5%)
Very much	8 (30,8%)	82 (8.55%)
Missing	3 (11,5%)	94 (9.80%)

Patients whose pain interferes with their daily activities:

Not at all	9 (34,6%)	339 (35.3%)
A little	2 (7,69%)	259 (27.0%)
Quite a bit	6 (23,1%)	154 (16.1%)
Very much	6 (23,1%)	80 (8.34%)
Missing	2 (7,69%)	100 (10.4%)

Patients who lack appetite:

Not at all	8 (30,8%)	327 (34.1%)
A little	8 (30,8%)	264 (27.5%)
Quite a bit	3 (11,5%)	157 (16.4%)
Very much	4 (15,4%)	92 (9.59%)
Missing	2 (7,69%)	99 (10.3%)

Reasons for change in appetite/food intake

Nausea/Vomiting	7 (26,9%)	154 (16.1%)
Inflammation in mouth	3 (11,5%)	55 (5.74%)
Pain	4 (15,4%)	116 (12.1%)
Constipation	3 (11,5%)	64 (6.67%)
Diarrhea	4 (15,4%)	42 (4.38%)
Change in taste/smell	7 (26,9%)	104 (10.8%)
Early satiation/Loss of appetite	4 (15,4%)	217 (22.6%)
Other	4 (15,4%)	165 (17.2%)
Missing	1 (3,85%)	45 (4.69%)

Maximum activity performed by patients

Able to do sports	-	38 (3.96%)
Fully active	2 (7,69%)	125 (13.0%)
Able to carry out light activities	5 (19,2%)	184 (19.2%)
Able to carry out self care	5 (19,2%)	215 (22.4%)
Able to carry out limited self care	9 (34,6%)	146 (15.2%)
Confined to bed or chair	2 (7,69%)	142 (14.8%)

Missing	3 (11,5%)	96 (10.0%)
Patient takes additional (without prescription)		
Nothing	15 (57,7%)	611 (63.7%)
Herbal tea	-	75 (7.82%)
Nutritional supplements	1 (3,85%)	61 (6.36%)
Multivitamin	5 (19,2%)	37 (3.86%)
Other medication	-	44 (4.59%)
Other	2 (7,69%)	49 (5.11%)
Missing	3 (11,5%)	116 (12.1%)
Additional activities performed		
Nothing	14 (53,8%)	710 (74.0%)
Psychotherapy	1 (3,85%)	17 (1.77%)
Yoga	1 (3,85%)	9 (0.94%)
Meditation	1 (3,85%)	21 (2.19%)
Progressive muscle relaxation	-	14 (1.46%)
Qigong	-	1 (0.10%)
Other	7 (26,9%)	68 (7.09%)
Missing	5 (19,2%)	129 (13.5%)
Patients having difficulties in complying with treatment	2 (7,69%)	181 (18.9%)
Patients needing help to complete questionnaire	6 (23,1%)	545 (56.8%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	13 (50,0%)	549 (57.2%)