



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:	11
Number of units on nutritionDay:	26
Number of patients on nutritionDay:	543
Number of patients who gave consent:	467
Number of patients completing Sheet 3a:	466
Number of patients completing Sheet 3b:	466
Number of cancer patients on nutritionDay:	140
Number of patients completing Sheet 2_onco:	131
Number of patients completing Sheet 3_onco:	131
Number of patients with 30-day outcome assessment:	414

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	568 [515-1019]	305 [180-526]
2. Total number of admissions in the hospital last year	25050 [15061-42760]	17891 [8741-38415]
3. Total number of staff in the hospital		
Total medical doctors	187 [173-750]	162 [65-328]
Medical specialists	104 [71-401]	108 [44-210]
Medical non-specialists	100 [59-246]	35 [12-81]
Nurses	375 [317-1292]	346 [124-710]
Dieticians	4 [1-9]	4 [1-8]
Nutritionists	2 [1-3]	1 [0-4]
Pharmacists	7 [3-16]	6 [3-14]
Kitchen staff	63 [43-113]	28 [11-55]
Full time equivalent		
Total medical doctors	180 [148-462]	126 [56-296]
Medical specialists	87 [61-238]	88 [44-210]
Medical non-specialists	96 [53-236]	33 [11-83]
Nurses	375 [317-1037]	317 [123-726]
Dieticians	1 [1-5]	4 [1-7]
Nutritionists	2 [1-2]	1 [0-4]
Pharmacists	2 [0-3]	5 [2-11]
Kitchen staff	11 [6-30]	25 [12-50]
4. Does the hospital have a nutrition care strategy?	7 (70.0%) Yes	269 (76.0%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	9 (90.0%) Yes	226 (63.8%) Yes
Nutrition steering committee is available	6 (60.0%) Yes	207 (58.5%) Yes
Quality indicators are recorded and reported to national or regional level	1 (10.0%) Yes	139 (39.3%) Yes
Quality indicators are used for internal benchmarking	4 (40.0%) Yes	171 (48.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	6 (60.0%) Yes	250 (70.6%) Yes
None	-	30 (8.5%) Yes
No answer given	-	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	6 (60.0%) Yes	175 (49.4%) Yes
Oral nutrition supplements	6 (60.0%) Yes	141 (39.8%) Yes

Parenteral nutrition	8 (80.0%) Yes	202 (57.1%) Yes
Enteral nutrition	5 (50.0%) Yes	167 (47.2%) Yes
Dietary counseling	8 (80.0%) Yes	120 (33.9%) Yes
Specific dietary interventions	6 (60.0%) Yes	104 (29.4%) Yes
Screening for malnutrition	4 (40.0%) Yes	88 (24.9%) Yes
Risk of malnutrition	5 (50.0%) Yes	90 (25.4%) Yes
Malnutrition (in general)	8 (80.0%) Yes	170 (48.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	8 (80.0%) Yes	154 (43.5%) Yes
No information available from billing/finance/controlling	-	55 (15.5%) Yes
No answer given	-	28 (7.9%)

Codes routinely used

Nutrition Support	4 (40.0%) Yes	139 (39.3%) Yes
Oral nutrition supplements	2 (20.0%) Yes	111 (31.4%) Yes
Parenteral nutrition	5 (50.0%) Yes	177 (50.0%) Yes
Enteral nutrition	3 (30.0%) Yes	145 (41.0%) Yes
Dietary counseling	5 (50.0%) Yes	88 (24.9%) Yes
Specific dietary interventions	4 (40.0%) Yes	84 (23.7%) Yes
Screening for malnutrition	3 (30.0%) Yes	68 (19.2%) Yes
Risk of malnutrition	5 (50.0%) Yes	61 (17.2%) Yes
Malnutrition (in general)	5 (50.0%) Yes	138 (39.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	6 (60.0%) Yes	126 (35.6%) Yes
No information available from billing/finance/controlling	2 (20.0%) 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	2 (7.7%)	92 (20.0%)
Internal Medicine / Cardiology	-	26 (5.7%)
Internal Medicine / Gastroenterology & hepatology	4 (15.4%)	31 (6.8%)
Internal Medicine / Geriatrics	2 (7.7%)	37 (8.1%)
Internal Medicine / Infectious diseases	-	5 (1.1%)
Internal Medicine / Nephrology	-	5 (1.1%)
Internal Medicine / Oncology (incl. radiotherapy)	8 (30.8%)	35 (7.6%)
Interdisciplinary	2 (7.7%)	21 (4.6%)
Long term care	-	7 (1.5%)
Neurology	3 (11.5%)	14 (3.1%)
Surgery / General	3 (11.5%)	82 (17.9%)
Surgery/ Cardiac/Vascular/Thoracic	-	6 (1.3%)
Surgery / Neurosurgery	-	4 (0.9%)
Surgery / Orthopedic	-	19 (4.1%)
Trauma	-	7 (1.5%)
Ear Nose Throat (ENT)	-	7 (1.5%)
Gynecology / Obstetrics	1 (3.8%)	10 (2.2%)
Pediatrics	-	-
Psychiatry	-	3 (0.7%)
Others	1 (3.8%)	48 (10.5%)
2. Number of registered inpatients at noon	5 [4-19]	24 [17-35]
3. Total bed capacity of the unit	35 [23-36]	31 [25-44]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	4 [2-5]	4 [2-8]
Nurses	4 [3-5]	5 [4-8]
Nursing aides	1 [0-1]	2 [1-4]
Dieticians	0 [0-0]	1 [0-1]
Nutritionists	0 [0-0]	0 [0-1]
Administrative staff	1 [0-1]	1 [0-2]
Other staff involved in patient care	1 [1-2]	1 [0-3]
In training		
Medical doctors	1 [0-2]	1 [0-3]
Medical students	0 [0-2]	1 [0-2]
Nurses	1 [1-1]	1 [0-3]

Nursing aides	0 [0-1]	0 [0-0]
Dieticians	0 [0-0]	0 [0-0]
Nutritionists	0 [0-0]	0 [0-0]
Other staff involved in patient care	1 [0-1]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 22 (84.6%) Yes 323 (73.6%) Yes

6. Does the unit have a nutrition care strategy? 17 (65.4%) Yes 316 (72.0%) Yes

7. Is there a person in your unit responsible for nutrition care? 15 (57.7%) Yes 317 (72.2%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 21 (80.8%) Yes 395 (90.0%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 9 (34.6%) Yes 268 (61.0%) Yes

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

At admission

No routine screening	1 (3.8%) Yes	45 (9.8%) Yes
No fixed criteria	-	10 (2.2%) Yes
Experience / visual assessment only	6 (23.1%) Yes	43 (9.4%) Yes
Weighing / BMI only	-	66 (14.4%) Yes
Nutritional Risk Screening (NRS) 2002	17 (65.4%) Yes	131 (28.5%) Yes
Malnutrition Universal Screening Tool (MUST)	-	28 (6.1%) Yes
Malnutrition Screening tool (MST)	-	42 (9.2%) Yes
SNAQ	-	2 (0.44%) Yes
Other formal tool	2 (7.7%) Yes	70 (15.3%) Yes
I do not know	-	2 (0.44%) Yes
Missing	-	20 (4.4%)

During hospital stay

No routine monitoring	3 (11.5%) Yes	43 (9.4%) Yes
No fixed criteria	2 (7.7%) Yes	44 (9.6%) Yes
Experience / visual assessment only	5 (19.2%) Yes	90 (19.6%) Yes
Weighing / BMI only	13 (50.0%) Yes	132 (28.8%) Yes
Other formal tool	3 (11.5%) Yes	121 (26.4%) Yes
I do not know	-	9 (2.0%) Yes
Missing	-	20 (4.4%)

11a. Do you routinely use guidelines or standards for nutrition care? 21 (80.8%) Yes 343 (78.7%) Yes

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

International guidelines	8 (38.1%) Yes	86 (25.1%) Yes
National guidelines	8 (38.1%) Yes	56 (16.3%) Yes
Standards on hospital level	2 (9.5%) Yes	115 (33.5%) Yes
Standards on unit level	3 (14.3%) Yes	23 (6.7%) Yes
Individual patient nutrition care plans	-	56 (16.3%) Yes
Other	-	4 (1.2%) Yes
Missing	-	3 (0.87%)

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

Watchful waiting	9 (34.6%) Yes	139 (30.3%) Yes
Discuss nutrition care activities during ward rounds	12 (46.2%) Yes	192 (41.8%) Yes
Develop an individual nutrition care plan	7 (26.9%) Yes	246 (53.6%) Yes
Initiate treatment / nutrition intervention	14 (53.8%) Yes	277 (60.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	18 (69.2%) Yes	285 (62.1%) Yes
Consult a medical professional	10 (38.5%) Yes	172 (37.5%) Yes
Calculate energy requirements	15 (57.7%) Yes	232 (50.5%) Yes
Calculate protein requirements	11 (42.3%) Yes	226 (49.2%) Yes

Malnourished

Watchful waiting	1 (3.8%) Yes	98 (21.4%) Yes
Discuss nutrition care activities during ward rounds	12 (46.2%) Yes	208 (45.3%) Yes
Develop an individual nutrition care plan	19 (73.1%) Yes	258 (56.2%) Yes
Initiate treatment / nutrition intervention	22 (84.6%) Yes	304 (66.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	21 (80.8%) Yes	284 (61.9%) Yes
Consult a medical professional	14 (53.8%) Yes	183 (39.9%) Yes
Calculate energy requirements	20 (76.9%) Yes	261 (56.9%) Yes
Calculate protein requirements	23 (88.5%) Yes	257 (56.0%) Yes

Every patient

Watchful waiting	8 (30.8%) Yes	193 (42.0%) Yes
Discuss nutrition care activities during ward rounds	7 (26.9%) Yes	126 (27.5%) Yes
Develop an individual nutrition care plan	-	74 (16.1%) Yes
Initiate treatment / nutrition intervention	-	57 (12.4%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	73 (15.9%) Yes
Consult a medical professional	-	101 (22.0%) Yes
Calculate energy requirements	-	50 (10.9%) Yes
Calculate protein requirements	-	44 (9.6%) Yes

Never

Watchful waiting	3 (11.5%) Yes	34 (7.4%) Yes
Discuss nutrition care activities during ward rounds	1 (3.8%) Yes	38 (8.3%) Yes

Develop an individual nutrition care plan	3 (11.5%) Yes	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	5 (19.2%) Yes	49 (10.7%) Yes
Calculate energy requirements	1 (3.8%) Yes	50 (10.9%) Yes
Calculate protein requirements	1 (3.8%) Yes	54 (11.8%) Yes

I do not know

Watchful waiting	3 (11.5%) Yes	20 (4.4%) Yes
Discuss nutrition care activities during ward rounds	1 (3.8%) 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.)	1 (3.8%) Yes	4 (0.87%) Yes
Consult a medical professional	-	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	18 (69.2%) Yes	291 (63.4%) Yes
Within 24 hours	7 (26.9%) Yes	64 (13.9%) Yes
Within 48 hours	1 (3.8%) Yes	20 (4.4%) Yes
Within 72 hours	-	13 (2.8%) Yes
Every week	5 (19.2%) Yes	152 (33.1%) Yes
Occasionally	3 (11.5%) Yes	59 (12.9%) Yes
When requested	12 (46.2%) Yes	207 (45.1%) Yes
At discharge	3 (11.5%) Yes	20 (4.4%) Yes
Never	-	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	21 (80.8%) Yes	338 (73.6%) Yes
Offer meal choices	24 (92.3%) Yes	336 (73.2%) Yes
Offer different portion sizes	14 (53.8%) Yes	282 (61.4%) Yes
Consider food presentation	9 (34.6%) Yes	192 (41.8%) Yes
Change food texture/consistency as needed	22 (84.6%) Yes	376 (81.9%) Yes
Consider patient problems with eating and drinking	20 (76.9%) Yes	372 (81.0%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	-	51 (11.1%) Yes
Promote positive eating environment	-	82 (17.9%) Yes
Consider cultural/religious preferences	4 (15.4%) Yes	188 (41.0%) Yes
Consider patient allergies / intolerances	5 (19.2%) Yes	214 (46.6%) Yes
Other	-	29 (6.3%) Yes
I do not know	-	6 (1.3%) Yes
No answer given	-	20 (4.4%)

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

Nutrition training is available	22 (84.6%) Yes	257 (56.0%) Yes
Reporting of nutrition related information to hospital managers	8 (30.8%) Yes	201 (43.8%) Yes
Quality indicators are recorded and reported to national or regional level	3 (11.5%) Yes	123 (26.8%) Yes
Quality indicators are used for internal benchmarking	7 (26.9%) Yes	166 (36.2%) Yes
Patient feedback about food and food service is collected using a questionnaire	20 (76.9%) Yes	291 (63.4%) Yes
None	1 (3.8%) Yes	21 (4.6%) Yes
I do not know	-	11 (2.4%) Yes
No answer given	1 (3.8%)	36 (7.8%)

16. At admission what is asked and documented?

Change in weight	24 (92.3%) Yes	358 (78.0%) Yes
Eating habits/difficulties	23 (88.5%) Yes	336 (73.2%) Yes
Nutrition before admission	13 (50.0%) Yes	260 (56.6%) Yes
None	-	9 (2.0%) Yes
I do not know	-	5 (1.1%) Yes
No answer given	-	38 (8.3%)

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

indicating if the patient is malnourished or at risk of malnutrition	17 (65.4%) Yes	323 (70.4%) Yes
nutrition treatment	9 (34.6%) Yes	270 (58.8%) Yes
None	3 (11.5%) Yes	30 (6.5%) Yes
I do not know	9 (34.6%) Yes	270 (58.8%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	14 (53.8%) Yes	162 (35.3%) Yes
makes future nutrition-related recommendations	18 (69.2%) Yes	258 (56.2%) Yes
None	2 (7.7%) Yes	56 (12.2%) Yes
I do not know	1 (3.8%) Yes	23 (5.0%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	18 (75.0%) Yes	162 (43.9%) Yes
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19. Who filled in this sheet?

Head staff	14 (53.8%) Yes	117 (25.5%) Yes
Dietician	6 (23.1%) Yes	236 (51.4%) Yes
Nurse	6 (23.1%) Yes	124 (27.0%) Yes
Physician	4 (15.4%) Yes	72 (15.7%) Yes
Administrative staff	-	4 (0.87%) Yes

Other	6 (23.1%) Yes	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	467	8743
Age	69 [57-79]	67 [53-78]
Female	233 (49.9%)	4410 (50.4%)
Weight	76.9±17.9	69.1±18.8
Height	170±10	164±10
BMI	26.6±5.7	25.5±6.0

1. This hospital admission was...

planned	270 (57.8%)	3052 (34.9%)
an emergency	175 (37.5%)	5037 (57.6%)
I do not know	22 (4.7%)	654 (7.5%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	11 (2.4%)	801 (9.2%)
0200 Neoplasms	67 (14.3%)	1381 (15.8%)
0300 Blood and bloodforming organs and the immune mechanism	51 (10.9%)	578 (6.6%)
0400 Endocrine, nutritional and metabolic diseases	55 (11.8%)	1043 (11.9%)
0500 Mental health	17 (3.6%)	333 (3.8%)
0600 Nervous system	72 (15.4%)	762 (8.7%)
0700 Eye and adnexa	3 (0.64%)	131 (1.5%)
0800 Ear and mastoid process	2 (0.43%)	70 (0.80%)
0900 Circulatory system	99 (21.2%)	1723 (19.7%)
1000 Respiratory system	105 (22.5%)	1358 (15.5%)
1100 Digestive system	170 (36.4%)	2210 (25.3%)
1200 Skin and subcutaneous tissue	10 (2.1%)	424 (4.8%)
1300 Musculoskeletal system and connective tissue	62 (13.3%)	1276 (14.6%)
1400 Genitourinary system	43 (9.2%)	809 (9.3%)
1500 Pregnancy, childbirth and the puerperium	-	123 (1.4%)
1600 Conditions originating in the perinatal period	-	21 (0.24%)
1700 Congenital/chromosomal abnormalities	-	9 (0.10%)
1800 Symptoms, signs, abnormal clinical/lab findings	17 (3.6%)	391 (4.5%)
1900 Injury, poisoning	3 (0.64%)	276 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	-	156 (1.8%)
2100 Factors influencing health status and contact with health services	29 (6.2%)	210 (2.4%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	74 (16.8%)	1569 (22.2%)
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Myocardial infarction	15 (3.4%)	394 (5.8%)
Chronic lung disease	87 (20.0%)	1080 (15.5%)
Cerebral vascular disease	28 (6.4%)	745 (10.9%)
Peripheral vascular disease	51 (11.6%)	869 (12.6%)
Chronic liver disease	31 (7.1%)	441 (6.5%)
Chronic kidney disease	49 (11.3%)	821 (11.9%)
Diabetes	88 (20.0%)	1899 (26.8%)
Cancer	140 (31.7%)	1733 (24.8%)
Infection	17 (3.9%)	1103 (15.8%)
Dementia	16 (3.7%)	374 (5.5%)
Major depressive disorder	20 (4.6%)	377 (5.6%)
Other chronic mental disorder	12 (2.8%)	378 (5.6%)
Other chronic disease	113 (25.5%)	1968 (27.8%)
None	72 (15.4%)	1394 (15.9%)

4a. Previous operation during this hospital stay

Yes, planned	98 (21.0%)	1743 (19.9%)
Yes, acute	24 (5.1%)	539 (6.2%)
No	326 (69.8%)	6145 (70.3%)
I do not know	2 (0.43%)	126 (1.4%)
Missing	17 (3.6%)	190 (2.2%)

Days since operation	5 [2-9]	4 [1-13]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	42 (9.0%)	738 (8.4%)
Yes, later	26 (5.6%)	513 (5.9%)
No	325 (69.6%)	6496 (74.3%)
I do not know	46 (9.9%)	414 (4.7%)
Missing	28 (6.0%)	582 (6.7%)

5. Previous ICU admission during this hospital stay? (Yes)	91 (19.5%)	934 (10.7%)
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6. Is this patient terminally ill?	89 (19.1%)	630 (7.2%)
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7. Fluid status

Normal	302 (64.7%)	6866 (78.5%)
Overloaded	77 (16.5%)	500 (5.7%)
Dehydrated	27 (5.8%)	450 (5.1%)
I do not know	61 (13.1%)	927 (10.6%)
Missing	-	-

8. Number of different medications planned

Oral	6 [3-8]	5 [2-8]
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Other	2 [1-3]	2 [1-4]
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9. Was this patient identified as malnourished or at risk of malnutrition?

Malnourished	71 (15.2%)	871 (10.0%)
At risk	69 (14.8%)	1543 (17.6%)
No	295 (63.2%)	5642 (64.5%)
I do not know	32 (6.9%)	687 (7.9%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	106 (22.7%)	3469 (39.7%)
5% Glucose solution	4 (0.86%)	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	347 (74.3%)	4849 (55.5%)
Fortified/enriched hospital food	22 (4.7%)	756 (8.6%)
Protein/energy supplement (e.g. ONS drinks)	74 (15.8%)	998 (11.4%)
Enteral nutrition	99 (21.2%)	485 (5.5%)
Parenteral nutrition	46 (9.9%)	479 (5.5%)
Special diet	85 (18.2%)	3072 (35.1%)
None	14 (3.0%)	474 (5.4%)

13a. All lines and Tubes

Central Venous	117 (25.1%)	734 (8.4%)
Peripheral venous access	163 (34.9%)	4122 (47.1%)
Nasogastric	-	258 (3.0%)
Nasojejunal	-	38 (0.43%)
Nasoduodenal	-	22 (0.25%)
Enterostoma	3 (0.64%)	42 (0.48%)
Percutaneous endoscopy/surgical gastrostomy	4 (0.86%)	67 (0.77%)
Percutaneous endoscopy/surgical jejunostomy	-	27 (0.31%)
None	190 (40.7%)	3894 (44.5%)

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

Yes, previously	5 (1.1%)	87 (1.00%)
Yes, ongoing	1 (0.21%)	80 (0.92%)
No	442 (94.6%)	7278 (83.2%)
I do not know	5 (1.1%)	846 (9.7%)
Missing	14 (3.0%)	452 (5.2%)

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

Energy requirements were determined	103 (22.1%)	3103 (35.5%)
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Protein requirements were determined	88 (18.8%)	2765 (31.6%)
Food/Nutrition intake was recorded in the patient record	120 (25.7%)	3893 (44.5%)
Nutrition treatment plan was developed	43 (9.2%)	3013 (34.5%)
Nutrition expert was consulted	108 (23.1%)	2890 (33.1%)
Malnutrition status is recorded in the patient record	90 (19.3%)	2363 (27.0%)
None	-	-

15a. Energy goal

< 500 kcal	1 (0.21%)	268 (3.1%)
500-999 kcal	4 (0.86%)	93 (1.1%)
1000-1499 kcal	10 (2.1%)	884 (10.1%)
1500-1999 kcal	93 (19.9%)	2574 (29.4%)
>=2000 kcal	77 (16.5%)	958 (11.0%)
Not determined	257 (55.0%)	3200 (36.6%)
I do not know	20 (4.3%)	730 (8.3%)
Missing	5 (1.1%)	36 (0.41%)

15b. Energy intake

< 500 kcal	1 (0.21%)	530 (6.1%)
500-999 kcal	16 (3.4%)	483 (5.5%)
1000-1499 kcal	20 (4.3%)	1101 (12.6%)
1500-1999 kcal	78 (16.7%)	1928 (22.1%)
>=2000 kcal	51 (10.9%)	584 (6.7%)
Not determined	225 (48.2%)	2964 (33.9%)
I do not know	69 (14.8%)	1101 (12.6%)
Missing	7 (1.5%)	52 (0.59%)

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

Improved	182 (39.0%)	4436 (50.7%)
Deteriorated	39 (8.4%)	485 (5.5%)
Remained the same	141 (30.2%)	2411 (27.6%)
This patient has just been admitted	40 (8.6%)	555 (6.3%)
I do not know	65 (13.9%)	856 (9.8%)
Missing	-	-

Length of hospital stay (days)	10 [6-20]	12 [6-24]
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Outcome Code

1= Still in the hospital	14 (3.0%)	748 (8.6%)
2= Transferred to another hospital	8 (1.7%)	211 (2.4%)
3= Transferred to long term care	9 (1.9%)	360 (4.1%)
4= Rehabilitation	4 (0.86%)	486 (5.6%)
5= Discharged home	356 (76.2%)	6417 (73.4%)
6= Death	12 (2.6%)	260 (3.0%)

7= Others	11 (2.4%)	173 (2.0%)
Missing	53 (11.3%)	88 (1.0%)

Readmitted since ND

1= No	233 (59.9%)	6055 (78.3%)
2= Yes, same hospital planned	53 (13.6%)	457 (5.9%)
3= Yes, same hospital unplanned	34 (8.7%)	454 (5.9%)
4= Yes, different hospital planned	2 (0.51%)	44 (0.57%)
5= Yes, different hospital unplanned	2 (0.51%)	44 (0.57%)
6= Unknown	55 (14.1%)	299 (3.9%)
Missing	6 (1.5%)	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	367 (78.8%)	5885 (69.8%)
I am vegetarian	7 (1.5%)	142 (1.7%)
I adhere to a vegan diet	-	50 (0.59%)
I eat gluten-free diet	5 (1.1%)	73 (0.87%)
I avoid added sugars	62 (13.3%)	1290 (15.3%)
I avoid carbohydrates	12 (2.6%)	477 (5.7%)
I eat a low fat-diet	42 (9.0%)	972 (11.5%)
I am lactose intolerant	7 (1.5%)	328 (3.9%)
Other special diet due to intolerances/allergies	8 (1.7%)	171 (2.0%)
Other	22 (4.7%)	603 (7.2%)
No answer given	8 (1.7%)	162 (1.9%)
2. Where did you live before your current hospital admission?		
At home	409 (87.8%)	7497 (89.0%)
In a nursing home or other live-in facility	15 (3.2%)	287 (3.4%)
I was transferred from another hospital	40 (8.6%)	418 (5.0%)
Other	1 (0.21%)	139 (1.6%)
Missing	1 (0.21%)	87 (1.0%)
3. In general, are you able to walk?		
Yes	299 (64.2%)	5392 (64.0%)
Yes, with someone's help	42 (9.0%)	899 (10.7%)
Yes, independently using a cane, walker, or crutches	71 (15.2%)	1107 (13.1%)
No, I have a wheelchair	21 (4.5%)	355 (4.2%)
No, I am bedridden	24 (5.2%)	548 (6.5%)
Missing	9 (1.9%)	127 (1.5%)
4. In general, how would you say your health is?		
Very good	17 (3.6%)	615 (7.3%)
Good	118 (25.3%)	3078 (36.5%)
Fair	187 (40.1%)	3196 (37.9%)
Poor	110 (23.6%)	1144 (13.6%)
Very poor	25 (5.4%)	254 (3.0%)
Missing	9 (1.9%)	141 (1.7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	6 [3-12]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	2 [1-3]	1 [0-2]
... how many nights in total have you spent in hospital?	14 [5-30]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	108 (23.2%)	1638 (19.4%)
3-5	145 (31.1%)	2272 (27.0%)
More than 5	142 (30.5%)	2608 (30.9%)
None	51 (10.9%)	1375 (16.3%)
I do not know	17 (3.6%)	429 (5.1%)
Missing	3 (0.64%)	106 (1.3%)

7. Do you have health insurance?		
Yes, private insurance only	31 (6.7%)	1250 (14.8%)
Yes, public insurance only	409 (87.8%)	4213 (50.0%)
Yes, both	13 (2.8%)	1101 (13.1%)
None	-	1114 (13.2%)
I prefer not to answer	3 (0.64%)	483 (5.7%)
Missing	10 (2.1%)	267 (3.2%)

8. What was your weight 5 years ago?	79 [65-90]	70 [60-83]
I do not know	114 (24.5%)	2268 (26.9%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	33 (7.1%)	795 (9.4%)
Yes, unintentionally	207 (44.4%)	3179 (37.7%)
No, my weight stayed the same	146 (31.3%)	2488 (29.5%)
No, I gained weight	45 (9.7%)	911 (10.8%)
I do not know	26 (5.6%)	856 (10.2%)
Missing	9 (1.9%)	199 (2.4%)

9b. If yes, how many kg did you lose?	8 [4-11]	6 [3-10]
I do not know	21 (8.8%)	672 (16.9%)

10. Did you know about your hospitalisation two days before admission? (Yes)	221 (48.9%)	3142 (39.1%)
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11. Please indicate if you ...		
... were weighed at admission	285 (61.4%)	4710 (56.2%)
... were informed about your nutrition status	151 (32.7%)	2651 (32.0%)
... were informed about nutrition care options	135 (29.5%)	2341 (28.3%)
... received special nutrition care	117 (25.6%)	2232 (27.0%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	14 (3.0%)	366 (4.4%)
Normal	274 (58.8%)	5184 (62.0%)
About 3/4 of normal	66 (14.2%)	801 (9.6%)
About half of normal	53 (11.4%)	1028 (12.3%)

About a quarter to nearly nothing	55 (11.8%)	750 (9.0%)
I do not know	1 (0.21%)	82 (0.98%)
Missing	3 (0.64%)	157 (1.9%)

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

Very satisfied	139 (29.8%)	2303 (27.5%)
Somewhat satisfied	143 (30.7%)	2525 (30.2%)
Neutral	97 (20.8%)	1669 (19.9%)
Dissatisfied	28 (6.0%)	652 (7.8%)
Very dissatisfied	12 (2.6%)	252 (3.0%)
I do not know	39 (8.4%)	712 (8.5%)
Missing	8 (1.7%)	255 (3.0%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	3 (0.64%)	910 (10.9%)
Yes, from hospital staff	21 (4.5%)	544 (6.5%)
No	415 (89.1%)	6450 (77.1%)
I do not know	3 (0.64%)	107 (1.3%)
Missing	24 (5.2%)	357 (4.3%)

15. Were you able to eat without interruption TODAY? (Yes)	317 (73.0%)	5869 (74.5%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	202 (43.3%)	4051 (48.4%)
1/2	134 (28.8%)	1966 (23.5%)
1/4	61 (13.1%)	1005 (12.0%)
Nothing	43 (9.2%)	975 (11.7%)
Missing	26 (5.6%)	371 (4.4%)

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

Standard	321 (68.9%)	5388 (64.4%)
Smaller	47 (10.1%)	778 (9.3%)
Larger	3 (0.64%)	328 (3.9%)
I do not know	38 (8.2%)	848 (10.1%)
Missing	57 (12.2%)	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	24 (10.1%)	570 (14.4%)
I did not like the smell/taste of the food	22 (9.2%)	443 (11.2%)
The food did not fit my cultural/religious preferences	-	47 (1.2%)
The food was too hot	-	14 (0.35%)
The food was too cold	2 (0.84%)	86 (2.2%)
Due to food allergy/intolerance	1 (0.42%)	25 (0.63%)
I was not hungry at that time	49 (20.6%)	672 (17.0%)

I do not have my usual appetite	89 (37.4%)	1114 (28.2%)
I have problems chewing/swallowing	17 (7.1%)	225 (5.7%)
I normally eat less than what was served	29 (12.2%)	428 (10.8%)
I had nausea/vomiting	27 (11.3%)	327 (8.3%)
I was too tired	16 (6.7%)	219 (5.5%)
I cannot eat without help	1 (0.42%)	68 (1.7%)
I was not allowed to eat	20 (8.4%)	449 (11.4%)
I had an exam, surgery, or test and missed my meal	14 (5.9%)	234 (5.9%)
I did not get requested food	5 (2.1%)	53 (1.3%)
No answer given	24 (10.1%)	481 (12.2%)

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

Water	5 [3-7]	3 [2-5]
Tea	2 [1-3]	1 [0-2]
Coffee	2 [1-3]	1 [0-2]
Milk	1 [1-2]	1 [0-1]
Fruit juice	2 [1-2]	1 [0-2]
Soft drinks	3 [1-4]	0 [0-1]
Nutrition drink	1 [1-2]	0 [0-1]
Other	1 [1-2]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? 98 (22.4%) 2048 (26.7%)

19b. If yes, what did you eat?

Sweet snacks	39 (39.8%)	501 (24.5%)
Salty snacks	6 (6.1%)	273 (13.3%)
Homemade food	13 (13.3%)	302 (14.7%)
Fruits	38 (38.8%)	724 (35.4%)
Dairy products	10 (10.2%)	212 (10.4%)
Food delivered/restaurant	3 (3.1%)	84 (4.1%)
Sandwich	5 (5.1%)	139 (6.8%)
Other	12 (12.2%)	400 (19.5%)

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

Increased	38 (8.2%)	1138 (13.6%)
Decreased	187 (40.1%)	2694 (32.2%)
Stayed the same	192 (41.2%)	3504 (41.9%)
I do not know	25 (5.4%)	582 (7.0%)
Missing	24 (5.2%)	450 (5.4%)

21. TODAY I feel...

Stronger than at admission	164 (35.2%)	3635 (43.4%)
Weaker than at admission	87 (18.7%)	1458 (17.4%)
Same as at admission	153 (32.8%)	2363 (28.2%)

I was admitted today	14 (3.0%)	236 (2.8%)
I do not know	29 (6.2%)	454 (5.4%)
Missing	19 (4.1%)	222 (2.7%)

22. Can you walk without assistance TODAY?

Yes	312 (67.0%)	4925 (58.9%)
No, only with assistance	107 (23.0%)	2067 (24.7%)
No, I stay in bed	34 (7.3%)	929 (11.1%)
Missing	13 (2.8%)	447 (5.3%)

23. Did anyone help you complete this questionnaire?	270 (59.7%)	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:	7	113
Computerized system in hospital:	7 units (100%) YES	109 units (96%) YES
Nutritional treatment of cancer patients is part of overall care plan	7 units (100%) YES	95 units (84%) YES
Nutritional treatment is considered...		
Routinely	4 (57,1%)	56 (49.6%)
When patient asks	4 (57,1%)	29 (25.7%)
When body weight loss > 10%	4 (57,1%)	39 (34.5%)
During palliative phase	2 (28,6%)	33 (29.2%)
Other	2 (28,6%)	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	3 (42,9%)	64 (56.6%)
Calculation of energy needs	6 (85,7%)	82 (72.6%)
Monitoring patients intake and use of oral supplements	6 (85,7%)	99 (87.6%)
None	1 (14,3%)	4 (3.54%)
Other	2 (28,6%)	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 (14,3%)	1 (0.88%)
Missing	-	-
Assessment of parameters in cancer patients & methods used:		

Anthropometry/Body composition:**Body weight**

Regularly	7 (100%)	75 (66.4%)
At chemotherapy	-	12 (10.6%)
When necessary	-	23 (20.4%)
Never	-	1 (0.88%)
Unknown	-	1 (0.88%)
Missing	-	1 (0.88%)

Anthropometrics (circumference)

Regularly	2 (28,6%)	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	3 (42,9%)	40 (35.4%)
Never	2 (28,6%)	53 (46.9%)
Unknown	-	1 (0.88%)
Missing	-	6 (5.31%)

BIA

Regularly	2 (28,6%)	5 (4.42%)
At chemotherapy	1 (14,3%)	-
When necessary	3 (42,9%)	23 (20.4%)
Never	1 (14,3%)	77 (68.1%)
Unknown	-	3 (2.65%)
Missing	-	5 (4.42%)

CT SCAN

Regularly	1 (14,3%)	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	2 (28,6%)	29 (25.7%)
Never	3 (42,9%)	70 (61.9%)
Unknown	1 (14,3%)	3 (2.65%)
Missing	-	4 (3.54%)

DEXA

Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	1 (14,3%)	15 (13.3%)
Never	5 (71,4%)	83 (73.5%)
Unknown	1 (14,3%)	8 (7.08%)
Missing	-	5 (4.42%)

Other (body composition)

Regularly	1 (14,3%)	1 (0.88%)
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At chemotherapy	-	-
When necessary	-	16 (14.2%)
Never	2 (28,6%)	40 (35.4%)
Unknown	1 (14,3%)	19 (16.8%)
Missing	3 (42,9%)	37 (32.7%)

Body function:

Handgrip

Regularly	2 (28,6%)	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	2 (28,6%)	36 (31.9%)
Never	3 (42,9%)	60 (53.1%)
Unknown	-	4 (3.54%)
Missing	-	6 (5.31%)

6-minutes walking test

Regularly	-	3 (2.65%)
At chemotherapy	-	-
When necessary	2 (28,6%)	32 (28.3%)
Never	5 (71,4%)	66 (58.4%)
Unknown	-	5 (4.42%)
Missing	-	7 (6.19%)

Other (body function)

Regularly	2 (28,6%)	4 (3.54%)
At chemotherapy	-	-
When necessary	2 (28,6%)	22 (19.5%)
Never	1 (14,3%)	45 (39.8%)
Unknown	1 (14,3%)	15 (13.3%)
Missing	1 (14,3%)	27 (23.9%)

Nutritional requirements, calculated

Regularly	3 (42,9%)	32 (28.3%)
At chemotherapy	-	-
When necessary	2 (28,6%)	64 (56.6%)
Never	1 (14,3%)	5 (4.42%)
Unknown	-	-
Missing	1 (14,3%)	12 (10.6%)

Nutritional intake:

Every meal

Regularly	1 (14,3%)	31 (27.4%)
At chemotherapy	-	1 (0.88%)
When necessary	2 (28,6%)	49 (43.4%)

Never	1 (14,3%)	13 (11.5%)
Unknown	2 (28,6%)	6 (5.31%)
Missing	1 (14,3%)	13 (11.5%)
1 meal per day		
Regularly	1 (14,3%)	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	2 (28,6%)	34 (30.1%)
Never	1 (14,3%)	19 (16.8%)
Unknown	2 (28,6%)	9 (7.96%)
Missing	1 (14,3%)	38 (33.6%)
2 meals per day		
Regularly	-	12 (10.6%)
At chemotherapy	-	-
When necessary	2 (28,6%)	33 (29.2%)
Never	2 (28,6%)	20 (17.7%)
Unknown	2 (28,6%)	9 (7.96%)
Missing	1 (14,3%)	39 (34.5%)
24h recall		
Regularly	1 (14,3%)	27 (23.9%)
At chemotherapy	-	2 (1.77%)
When necessary	1 (14,3%)	40 (35.4%)
Never	2 (28,6%)	12 (10.6%)
Unknown	1 (14,3%)	7 (6.19%)
Missing	2 (28,6%)	25 (22.1%)
Other (nutritional intake)		
Regularly	2 (28,6%)	2 (1.77%)
At chemotherapy	-	-
When necessary	-	16 (14.2%)
Never	1 (14,3%)	22 (19.5%)
Unknown	1 (14,3%)	17 (15.0%)
Missing	3 (42,9%)	56 (49.6%)
Questionnaire completed by		
Dietitian	1 (14,3%)	40 (35.4%)
Nurse	2 (28,6%)	29 (25.7%)
Physician	1 (14,3%)	38 (33.6%)
Nutritional scientist	3 (42,9%)	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:	131	959
Demographic data:		
Age (years)	70 [32-92]	66 [18-96]
Female gender	54 (41,2%)	378 (39.4%)
Weight (kg)	78,7 ± 18,8	65.1 ± 16.5
Height (cm)	171,1 ± 10,1	165.9 ± 9.9
BMI (kg/m2)	26,8 ± 5,7	23.7 ± 4.7
Outpatient (o)/Ward (w)		
Outpatient(o)	-	63 (6.57%)
Ward (w)	131 (100%)	892 (93.0%)
Missing	-	4 (0.42%)
Goal of Therapy		
Curative	95 (72,5%)	554 (57.8%)
Palliative	35 (26,7%)	343 (35.8%)
Terminal	-	37 (3.86%)
Missing	1 (0,76%)	25 (2.61%)
Reason for admission		
Clinical diagnostics	6 (4,58%)	104 (10.8%)
Therapy	52 (39,7%)	469 (48.9%)
Surgery related	57 (43,5%)	200 (20.9%)
Treatment complications	8 (6,11%)	119 (12.4%)
Poor health status	10 (7,63%)	118 (12.3%)
Independent care difficult	-	6 (0.63%)
Missing	-	-
Present cancer diagnosis		
Breast	3 (2,29%)	51 (5.32%)
Colon, rectum	67 (51,1%)	163 (17.0%)
Prostate	2 (1,53%)	29 (3.02%)
Lung	6 (4,58%)	75 (7.82%)
Skin	-	4 (0.42%)
Kidney/bladder	-	30 (3.13%)
Gastric/oesophageal	1 (0,76%)	144 (15.0%)
Pancreas	2 (1,53%)	63 (6.57%)
Lymphoma	16 (12,2%)	94 (9.80%)
Ears nose throat (ENT)	9 (6,87%)	41 (4.28%)
Leukaemia	14 (10,7%)	74 (7.72%)
Genital tract	6 (4,58%)	32 (3.34%)

Liver	1 (0,76%)	103 (10.7%)
Sarcoma	1 (0,76%)	8 (0.83%)
Brain	1 (0,76%)	11 (1.15%)
Testicular	-	-
Other	3 (2,29%)	73 (7.61%)
Missing	-	11 (1.15%)

Time since diagnosis

0-2 months	73 (55,7%)	344 (35.9%)
3-5 months	17 (13,0%)	159 (16.6%)
6-12 months	14 (10,7%)	152 (15.8%)
1-2 years	9 (6,87%)	118 (12.3%)
2-4 years	8 (6,11%)	77 (8.03%)
> 4 years	10 (7,63%)	87 (9.07%)
Missing	-	19 (1.98%)

Cancer staging

0=Carcinoma in situ	3 (2,29%)	35 (3.65%)
I=Localized	9 (6,87%)	202 (21.1%)
II=Early locally advanced	27 (20,6%)	159 (16.6%)
III=Late locally advanced	25 (19,1%)	168 (17.5%)
IV=Metastasised	41 (31,3%)	287 (29.9%)
Missing	26 (19,8%)	108 (11.3%)

Time since first therapy start

No therapy	-	125 (13.0%)
Tumour staging/diagnosis	2 (1,53%)	63 (6.57%)
0-2 months	75 (57,3%)	267 (27.8%)
3-5 months	15 (11,5%)	128 (13.3%)
6-12 months	14 (10,7%)	135 (14.1%)
1-2 years	8 (6,11%)	90 (9.38%)
2-4 years	6 (4,58%)	59 (6.15%)
> 4 years	9 (6,87%)	98 (10.2%)
Missing	2 (1,53%)	16 (1.67%)

Therapy situation

Diagnosis	3 (2,29%)	107 (11.2%)
Chemotherapy 1st line	45 (34,4%)	175 (18.2%)
Chemotherapy > 1st line	22 (16,8%)	142 (14.8%)
Radiotherapy	42 (32,1%)	67 (6.99%)
Target therapy	2 (1,53%)	30 (3.13%)
Hormone therapy	1 (0,76%)	12 (1.25%)
Palliative	10 (7,63%)	108 (11.3%)
Surgery	57 (43,5%)	322 (33.6%)

Cancer related complications	4 (3,05%)	57 (5.94%)
Therapy related complications	4 (3,05%)	36 (3.75%)
Missing	1 (0,76%)	13 (1.36%)

Infections

None	104 (79,4%)	731 (76.2%)
Local	16 (12,2%)	136 (14.2%)
General	7 (5,34%)	70 (7.30%)
Missing	4 (3,05%)	22 (2.29%)

Nutrition Treatment

No special diet	32 (24,4%)	453 (47.2%)
Individualized diet plan	48 (36,6%)	228 (23.8%)
Energy rich/protein rich ONS	45 (34,4%)	120 (12.5%)
Enteral nutrition (via NGT/PEG)	4 (3,05%)	52 (5.42%)
Parenteral nutrition	38 (29,0%)	128 (13.3%)
ONS enriched with special nutrients	6 (4,58%)	19 (1.98%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	7 (0.73%)
Personal preferences	20 (15,3%)	109 (11.4%)
Counselling	65 (49,6%)	54 (5.63%)
Other	5 (3,82%)	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:	131	951
Body weight prior to becoming ill	80 [45-180]	70 [22-180]
Actual body weight	77 [42-128]	63 [21-128]
Change in weight was		
Intentional	5 (3,82%)	31 (3.23%)
Unintentional	96 (73,3%)	607 (63.3%)
Weight is stable	14 (10,7%)	154 (16.1%)
Missing	6 (4,58%)	30 (3.13%)
During the last week		
Patients who have had pain:		
Not at all	34 (26,0%)	329 (34.3%)
A little	17 (13,0%)	263 (27.4%)
Quite a bit	31 (23,7%)	161 (16.8%)
Very much	28 (21,4%)	107 (11.2%)
Missing	15 (11,5%)	87 (9.07%)
Patients who needed a rest:		
Not at all	13 (9,92%)	230 (24.0%)
A little	16 (12,2%)	279 (29.1%)
Quite a bit	31 (23,7%)	212 (22.1%)
Very much	47 (35,9%)	125 (13.0%)
Missing	16 (12,2%)	95 (9.91%)
Patients who felt weak:		
Not at all	16 (12,2%)	228 (23.8%)
A little	15 (11,5%)	266 (27.7%)
Quite a bit	32 (24,4%)	224 (23.4%)
Very much	43 (32,8%)	135 (14.1%)
Missing	17 (13,0%)	92 (9.59%)
Patients who felt depressed:		
Not at all	28 (21,4%)	348 (36.3%)
A little	31 (23,7%)	303 (31.6%)
Quite a bit	24 (18,3%)	125 (13.0%)
Very much	22 (16,8%)	72 (7.51%)
Missing	16 (12,2%)	89 (9.28%)
Patients who were tired:		

Not at all	14 (10,7%)	241 (25.1%)
A little	25 (19,1%)	283 (29.5%)
Quite a bit	41 (31,3%)	213 (22.2%)
Very much	27 (20,6%)	116 (12.1%)
Missing	16 (12,2%)	89 (9.28%)

Patients whose pain interfered with their daily activities:

Not at all	32 (24,4%)	373 (38.9%)
A little	18 (13,7%)	220 (22.9%)
Quite a bit	28 (21,4%)	142 (14.8%)
Very much	28 (21,4%)	110 (11.5%)
Missing	19 (14,5%)	94 (9.80%)

Patients who lacked appetite:

Not at all	39 (29,8%)	347 (36.2%)
A little	20 (15,3%)	238 (24.8%)
Quite a bit	26 (19,8%)	149 (15.5%)
Very much	21 (16,0%)	113 (11.8%)
Missing	19 (14,5%)	95 (9.91%)

Just now

Patients who have pain:

Not at all	55 (42,0%)	375 (39.1%)
A little	33 (25,2%)	304 (31.7%)
Quite a bit	28 (21,4%)	122 (12.7%)
Very much	12 (9,16%)	45 (4.69%)
Missing	3 (2,29%)	98 (10.2%)

Patients who need a rest:

Not at all	7 (5,34%)	192 (20.0%)
A little	24 (18,3%)	322 (33.6%)
Quite a bit	43 (32,8%)	230 (24.0%)
Very much	53 (40,5%)	98 (10.2%)
Missing	4 (3,05%)	96 (10.0%)

Patients who feel weak:

Not at all	11 (8,40%)	209 (21.8%)
A little	23 (17,6%)	313 (32.6%)
Quite a bit	51 (38,9%)	219 (22.8%)
Very much	42 (32,1%)	99 (10.3%)
Missing	3 (2,29%)	98 (10.2%)

Patients who are depressed:

Not at all	37 (28,2%)	375 (39.1%)
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A little	39 (29,8%)	314 (32.7%)
Quite a bit	32 (24,4%)	116 (12.1%)
Very much	17 (13,0%)	39 (4.07%)
Missing	5 (3,82%)	96 (10.0%)

Patients who are tired:

Not at all	21 (16,0%)	222 (23.1%)
A little	27 (20,6%)	343 (35.8%)
Quite a bit	35 (26,7%)	197 (20.5%)
Very much	45 (34,4%)	82 (8.55%)
Missing	3 (2,29%)	94 (9.80%)

Patients whose pain interferes with their daily activities:

Not at all	41 (31,3%)	339 (35.3%)
A little	38 (29,0%)	259 (27.0%)
Quite a bit	25 (19,1%)	154 (16.1%)
Very much	22 (16,8%)	80 (8.34%)
Missing	5 (3,82%)	100 (10.4%)

Patients who lack appetite:

Not at all	40 (30,5%)	327 (34.1%)
A little	19 (14,5%)	264 (27.5%)
Quite a bit	35 (26,7%)	157 (16.4%)
Very much	33 (25,2%)	92 (9.59%)
Missing	3 (2,29%)	99 (10.3%)

Reasons for change in appetite/food intake

Nausea/Vomiting	23 (17,6%)	154 (16.1%)
Inflammation in mouth	11 (8,40%)	55 (5.74%)
Pain	11 (8,40%)	116 (12.1%)
Constipation	6 (4,58%)	64 (6.67%)
Diarrhea	12 (9,16%)	42 (4.38%)
Change in taste/smell	16 (12,2%)	104 (10.8%)
Early satiation/Loss of appetite	46 (35,1%)	217 (22.6%)
Other	33 (25,2%)	165 (17.2%)
Missing	7 (5,34%)	45 (4.69%)

Maximum activity performed by patients

Able to do sports	5 (3,82%)	38 (3.96%)
Fully active	9 (6,87%)	125 (13.0%)
Able to carry out light activities	29 (22,1%)	184 (19.2%)
Able to carry out self care	40 (30,5%)	215 (22.4%)
Able to carry out limited self care	30 (22,9%)	146 (15.2%)
Confined to bed or chair	16 (12,2%)	142 (14.8%)

Missing	2 (1,53%)	96 (10.0%)
Patient takes additional (without prescription)		
Nothing	77 (58,8%)	611 (63.7%)
Herbal tea	37 (28,2%)	75 (7.82%)
Nutritional supplements	1 (0,76%)	61 (6.36%)
Multivitamin	2 (1,53%)	37 (3.86%)
Other medication	4 (3,05%)	44 (4.59%)
Other	5 (3,82%)	49 (5.11%)
Missing	6 (4,58%)	116 (12.1%)
Additional activities performed		
Nothing	100 (76,3%)	710 (74.0%)
Psychotherapy	10 (7,63%)	17 (1.77%)
Yoga	2 (1,53%)	9 (0.94%)
Meditation	1 (0,76%)	21 (2.19%)
Progressive muscle relaxation	4 (3,05%)	14 (1.46%)
Qigong	1 (0,76%)	1 (0.10%)
Other	10 (7,63%)	68 (7.09%)
Missing	3 (2,29%)	129 (13.5%)
Patients having difficulties in complying with treatment	25 (19,1%)	181 (18.9%)
Patients needing help to complete questionnaire	41 (31,3%)	545 (56.8%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	32 (24,4%)	549 (57.2%)