



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:	9
Number of units on nutritionDay:	17
Number of patients on nutritionDay:	316
Number of patients who gave consent:	258
Number of patients completing Sheet 3a:	252
Number of patients completing Sheet 3b:	251
Number of cancer patients on nutritionDay:	87
Number of patients completing Sheet 2_onco:	81
Number of patients completing Sheet 3_onco:	81
Number of patients with 30-day outcome assessment:	206

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	493 [72-903]	305 [180-526]
2. Total number of admissions in the hospital last year	39620 [5239-46654]	17891 [8741-38415]
3. Total number of staff in the hospital		
Total medical doctors	711 [157-1068]	162 [65-328]
Medical specialists	711 [168-1037]	108 [44-210]
Medical non-specialists	3 [3-3]	35 [12-81]
Nurses	1344 [143-1711]	346 [124-710]
Dieticians	2 [0-4]	4 [1-8]
Nutritionists	2 [1-3]	1 [0-4]
Pharmacists	10 [4-18]	6 [3-14]
Kitchen staff	32 [7-69]	28 [11-55]
Full time equivalent		
Total medical doctors	1037 [586-1048]	126 [56-296]
Medical specialists	586 [103-1043]	88 [44-210]
Medical non-specialists	8 [8-8]	33 [11-83]
Nurses	955 [94-1912]	317 [123-726]
Dieticians	0 [0-3]	4 [1-7]
Nutritionists	2 [1-5]	1 [0-4]
Pharmacists	14 [7-22]	5 [2-11]
Kitchen staff	9 [8-37]	25 [12-50]
4. Does the hospital have a nutrition care strategy?	4 (57.1%) Yes	269 (76.0%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	5 (71.4%) Yes	226 (63.8%) Yes
Nutrition steering committee is available	3 (42.9%) Yes	207 (58.5%) Yes
Quality indicators are recorded and reported to national or regional level	1 (14.3%) Yes	139 (39.3%) Yes
Quality indicators are used for internal benchmarking	2 (28.6%) Yes	171 (48.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	6 (85.7%) 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	5 (71.4%) Yes	175 (49.4%) Yes
Oral nutrition supplements	4 (57.1%) Yes	141 (39.8%) Yes

Parenteral nutrition	5 (71.4%) Yes	202 (57.1%) Yes
Enteral nutrition	6 (85.7%) Yes	167 (47.2%) Yes
Dietary counseling	1 (14.3%) Yes	120 (33.9%) Yes
Specific dietary interventions	-	104 (29.4%) Yes
Screening for malnutrition	-	88 (24.9%) Yes
Risk of malnutrition	-	90 (25.4%) Yes
Malnutrition (in general)	5 (71.4%) Yes	170 (48.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	5 (71.4%) 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 (57.1%) Yes	139 (39.3%) Yes
Oral nutrition supplements	4 (57.1%) Yes	111 (31.4%) Yes
Parenteral nutrition	5 (71.4%) Yes	177 (50.0%) Yes
Enteral nutrition	5 (71.4%) Yes	145 (41.0%) Yes
Dietary counseling	1 (14.3%) Yes	88 (24.9%) Yes
Specific dietary interventions	-	84 (23.7%) Yes
Screening for malnutrition	-	68 (19.2%) Yes
Risk of malnutrition	-	61 (17.2%) Yes
Malnutrition (in general)	3 (42.9%) Yes	138 (39.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	2 (28.6%) Yes	126 (35.6%) Yes
No information available from billing/finance/controlling	-	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	1 (5.9%)	92 (20.0%)
Internal Medicine / Cardiology	-	26 (5.7%)
Internal Medicine / Gastroenterology & hepatology	1 (5.9%)	31 (6.8%)
Internal Medicine / Geriatrics	-	37 (8.1%)
Internal Medicine / Infectious diseases	1 (5.9%)	5 (1.1%)
Internal Medicine / Nephrology	-	5 (1.1%)
Internal Medicine / Oncology (incl. radiotherapy)	5 (29.4%)	35 (7.6%)
Interdisciplinary	1 (5.9%)	21 (4.6%)
Long term care	-	7 (1.5%)
Neurology	-	14 (3.1%)
Surgery / General	2 (11.8%)	82 (17.9%)
Surgery/ Cardiac/Vascular/Thoracic	1 (5.9%)	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	-	10 (2.2%)
Pediatrics	-	-
Psychiatry	-	3 (0.7%)
Others	5 (29.4%)	48 (10.5%)
2. Number of registered inpatients at noon	23 [20-29]	24 [17-35]
3. Total bed capacity of the unit	29 [28-33]	31 [25-44]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	5 [3-26]	4 [2-8]
Nurses	5 [4-7]	5 [4-8]
Nursing aides	4 [3-4]	2 [1-4]
Dieticians	0 [0-0]	1 [0-1]
Nutritionists	1 [0-1]	0 [0-1]
Administrative staff	1 [1-3]	1 [0-2]
Other staff involved in patient care	1 [1-2]	1 [0-3]
In training		
Medical doctors	6 [2-6]	1 [0-3]
Medical students	0 [0-0]	1 [0-2]
Nurses	5 [4-5]	1 [0-3]

Nursing aides	2 [1-2]	0 [0-0]
Dieticians	0 [0-0]	0 [0-0]
Nutritionists	0 [0-1]	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? 12 (85.7%) Yes 323 (73.6%) Yes

6. Does the unit have a nutrition care strategy? 12 (85.7%) Yes 316 (72.0%) Yes

7. Is there a person in your unit responsible for nutrition care? 5 (35.7%) Yes 317 (72.2%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 7 (50.0%) Yes 395 (90.0%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 1 (7.1%) Yes 268 (61.0%) Yes

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

At admission

No routine screening	7 (41.2%) Yes	45 (9.8%) Yes
No fixed criteria	-	10 (2.2%) Yes
Experience / visual assessment only	1 (5.9%) Yes	43 (9.4%) Yes
Weighing / BMI only	-	66 (14.4%) Yes
Nutritional Risk Screening (NRS) 2002	1 (5.9%) Yes	131 (28.5%) Yes
Malnutrition Universal Screening Tool (MUST)	-	28 (6.1%) Yes
Malnutrition Screening tool (MST)	1 (5.9%) Yes	42 (9.2%) Yes
SNAQ	-	2 (0.44%) Yes
Other formal tool	3 (17.6%) Yes	70 (15.3%) Yes
I do not know	1 (5.9%) Yes	2 (0.44%) Yes
Missing	3 (17.6%)	20 (4.4%)

During hospital stay

No routine monitoring	2 (11.8%) Yes	43 (9.4%) Yes
No fixed criteria	2 (11.8%) Yes	44 (9.6%) Yes
Experience / visual assessment only	4 (23.5%) Yes	90 (19.6%) Yes
Weighing / BMI only	1 (5.9%) Yes	132 (28.8%) Yes
Other formal tool	5 (29.4%) Yes	121 (26.4%) Yes
I do not know	-	9 (2.0%) Yes
Missing	3 (17.6%)	20 (4.4%)

11a. Do you routinely use guidelines or standards for nutrition care? 6 (42.9%) Yes 343 (78.7%) Yes

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

International guidelines	1 (16.7%) Yes	86 (25.1%) Yes
National guidelines	-	56 (16.3%) Yes
Standards on hospital level	4 (66.7%) Yes	115 (33.5%) Yes
Standards on unit level	-	23 (6.7%) Yes
Individual patient nutrition care plans	1 (16.7%) Yes	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	1 (5.9%) Yes	139 (30.3%) Yes
Discuss nutrition care activities during ward rounds	4 (23.5%) Yes	192 (41.8%) Yes
Develop an individual nutrition care plan	4 (23.5%) Yes	246 (53.6%) Yes
Initiate treatment / nutrition intervention	4 (23.5%) Yes	277 (60.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	6 (35.3%) Yes	285 (62.1%) Yes
Consult a medical professional	-	172 (37.5%) Yes
Calculate energy requirements	4 (23.5%) Yes	232 (50.5%) Yes
Calculate protein requirements	4 (23.5%) Yes	226 (49.2%) Yes

Malnourished

Watchful waiting	5 (29.4%) Yes	98 (21.4%) Yes
Discuss nutrition care activities during ward rounds	8 (47.1%) Yes	208 (45.3%) Yes
Develop an individual nutrition care plan	9 (52.9%) Yes	258 (56.2%) Yes
Initiate treatment / nutrition intervention	11 (64.7%) Yes	304 (66.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	12 (70.6%) Yes	284 (61.9%) Yes
Consult a medical professional	7 (41.2%) Yes	183 (39.9%) Yes
Calculate energy requirements	6 (35.3%) Yes	261 (56.9%) Yes
Calculate protein requirements	6 (35.3%) Yes	257 (56.0%) Yes

Every patient

Watchful waiting	6 (35.3%) Yes	193 (42.0%) Yes
Discuss nutrition care activities during ward rounds	1 (5.9%) 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	1 (5.9%) Yes	101 (22.0%) Yes
Calculate energy requirements	-	50 (10.9%) Yes
Calculate protein requirements	-	44 (9.6%) Yes

Never

Watchful waiting	-	34 (7.4%) Yes
Discuss nutrition care activities during ward rounds	3 (17.6%) Yes	38 (8.3%) Yes

Develop an individual nutrition care plan	3 (17.6%) Yes	31 (6.8%) Yes
Initiate treatment / nutrition intervention	1 (5.9%) Yes	6 (1.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	8 (1.7%) Yes
Consult a medical professional	2 (11.8%) Yes	49 (10.7%) Yes
Calculate energy requirements	6 (35.3%) Yes	50 (10.9%) Yes
Calculate protein requirements	6 (35.3%) Yes	54 (11.8%) Yes

I do not know

Watchful waiting	-	20 (4.4%) Yes
Discuss nutrition care activities during ward rounds	-	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	2 (11.8%) 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	9 (52.9%) Yes	291 (63.4%) Yes
Within 24 hours	-	64 (13.9%) Yes
Within 48 hours	3 (17.6%) Yes	20 (4.4%) Yes
Within 72 hours	-	13 (2.8%) Yes
Every week	3 (17.6%) Yes	152 (33.1%) Yes
Occasionally	1 (5.9%) Yes	59 (12.9%) Yes
When requested	7 (41.2%) Yes	207 (45.1%) Yes
At discharge	-	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	9 (52.9%) Yes	338 (73.6%) Yes
Offer meal choices	6 (35.3%) Yes	336 (73.2%) Yes
Offer different portion sizes	-	282 (61.4%) Yes
Consider food presentation	4 (23.5%) Yes	192 (41.8%) Yes
Change food texture/consistency as needed	13 (76.5%) Yes	376 (81.9%) Yes
Consider patient problems with eating and drinking	13 (76.5%) 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	9 (52.9%) Yes	188 (41.0%) Yes
Consider patient allergies / intolerances	9 (52.9%) Yes	214 (46.6%) Yes
Other	1 (5.9%) Yes	29 (6.3%) Yes
I do not know	-	6 (1.3%) Yes
No answer given	3 (17.6%)	20 (4.4%)

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

Nutrition training is available	7 (41.2%) Yes	257 (56.0%) Yes
Reporting of nutrition related information to hospital managers	7 (41.2%) Yes	201 (43.8%) Yes
Quality indicators are recorded and reported to national or regional level	3 (17.6%) Yes	123 (26.8%) Yes
Quality indicators are used for internal benchmarking	2 (11.8%) Yes	166 (36.2%) Yes
Patient feedback about food and food service is collected using a questionnaire	9 (52.9%) Yes	291 (63.4%) Yes
None	3 (17.6%) Yes	21 (4.6%) Yes
I do not know	-	11 (2.4%) Yes
No answer given	4 (23.5%)	36 (7.8%)

16. At admission what is asked and documented?

Change in weight	6 (35.3%) Yes	358 (78.0%) Yes
Eating habits/difficulties	5 (29.4%) Yes	336 (73.2%) Yes
Nutrition before admission	3 (17.6%) Yes	260 (56.6%) Yes
None	5 (29.4%) Yes	9 (2.0%) Yes
I do not know	-	5 (1.1%) Yes
No answer given	4 (23.5%)	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	4 (23.5%) Yes	323 (70.4%) Yes
nutrition treatment	8 (47.1%) Yes	270 (58.8%) Yes
None	5 (29.4%) Yes	30 (6.5%) Yes
I do not know	8 (47.1%) Yes	270 (58.8%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	3 (17.6%) Yes	162 (35.3%) Yes
makes future nutrition-related recommendations	5 (29.4%) Yes	258 (56.2%) Yes
None	5 (29.4%) Yes	56 (12.2%) Yes
I do not know	1 (5.9%) Yes	23 (5.0%) Yes

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

Head staff	-	117 (25.5%) Yes
Dietician	6 (35.3%) Yes	236 (51.4%) Yes
Nurse	6 (35.3%) Yes	124 (27.0%) Yes
Physician	5 (29.4%) Yes	72 (15.7%) Yes
Administrative staff	3 (17.6%) 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	258	8743
Age	65 [51-75]	67 [53-78]
Female	112 (43.4%)	4410 (50.4%)
Weight	70.0±14.7	69.1±18.8
Height	165±10	164±10
BMI	25.7±5.0	25.5±6.0

1. This hospital admission was...

planned	44 (17.1%)	3052 (34.9%)
an emergency	153 (59.3%)	5037 (57.6%)
I do not know	61 (23.6%)	654 (7.5%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	39 (15.1%)	801 (9.2%)
0200 Neoplasms	76 (29.5%)	1381 (15.8%)
0300 Blood and bloodforming organs and the immune mechanism	60 (23.3%)	578 (6.6%)
0400 Endocrine, nutritional and metabolic diseases	27 (10.5%)	1043 (11.9%)
0500 Mental health	3 (1.2%)	333 (3.8%)
0600 Nervous system	19 (7.4%)	762 (8.7%)
0700 Eye and adnexa	1 (0.39%)	131 (1.5%)
0800 Ear and mastoid process	-	70 (0.80%)
0900 Circulatory system	27 (10.5%)	1723 (19.7%)
1000 Respiratory system	28 (10.9%)	1358 (15.5%)
1100 Digestive system	62 (24.0%)	2210 (25.3%)
1200 Skin and subcutaneous tissue	8 (3.1%)	424 (4.8%)
1300 Musculoskeletal system and connective tissue	28 (10.9%)	1276 (14.6%)
1400 Genitourinary system	27 (10.5%)	809 (9.3%)
1500 Pregnancy, childbirth and the puerperium	2 (0.78%)	123 (1.4%)
1600 Conditions originating in the perinatal period	-	21 (0.24%)
1700 Congenital/chromosomal abnormalities	1 (0.39%)	9 (0.10%)
1800 Symptoms, signs, abnormal clinical/lab findings	10 (3.9%)	391 (4.5%)
1900 Injury, poisoning	3 (1.2%)	276 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	6 (2.3%)	156 (1.8%)
2100 Factors influencing health status and contact with health services	-	210 (2.4%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	23 (11.9%)	1569 (22.2%)
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Myocardial infarction	5 (2.6%)	394 (5.8%)
Chronic lung disease	22 (10.9%)	1080 (15.5%)
Cerebral vascular disease	13 (6.7%)	745 (10.9%)
Peripheral vascular disease	9 (4.6%)	869 (12.6%)
Chronic liver disease	16 (8.2%)	441 (6.5%)
Chronic kidney disease	16 (8.2%)	821 (11.9%)
Diabetes	56 (27.7%)	1899 (26.8%)
Cancer	87 (38.8%)	1733 (24.8%)
Infection	17 (8.5%)	1103 (15.8%)
Dementia	6 (3.1%)	374 (5.5%)
Major depressive disorder	11 (5.6%)	377 (5.6%)
Other chronic mental disorder	9 (4.6%)	378 (5.6%)
Other chronic disease	32 (17.2%)	1968 (27.8%)
None	46 (17.8%)	1394 (15.9%)

4a. Previous operation during this hospital stay

Yes, planned	41 (15.9%)	1743 (19.9%)
Yes, acute	8 (3.1%)	539 (6.2%)
No	208 (80.6%)	6145 (70.3%)
I do not know	1 (0.39%)	126 (1.4%)
Missing	-	190 (2.2%)

Days since operation	3 [2-10]	4 [1-13]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	22 (8.5%)	738 (8.4%)
Yes, later	8 (3.1%)	513 (5.9%)
No	212 (82.2%)	6496 (74.3%)
I do not know	10 (3.9%)	414 (4.7%)
Missing	6 (2.3%)	582 (6.7%)

5. Previous ICU admission during this hospital stay? (Yes)	14 (5.4%)	934 (10.7%)
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6. Is this patient terminally ill?	19 (7.4%)	630 (7.2%)
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7. Fluid status

Normal	155 (60.1%)	6866 (78.5%)
Overloaded	11 (4.3%)	500 (5.7%)
Dehydrated	13 (5.0%)	450 (5.1%)
I do not know	79 (30.6%)	927 (10.6%)
Missing	-	-

8. Number of different medications planned

Oral	4 [1-6]	5 [2-8]
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Other	3 [0-6]	2 [1-4]
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9. Was this patient identified as malnourished or at risk of malnutrition?

Malnourished	19 (7.4%)	871 (10.0%)
At risk	35 (13.6%)	1543 (17.6%)
No	187 (72.5%)	5642 (64.5%)
I do not know	17 (6.6%)	687 (7.9%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	155 (60.1%)	3469 (39.7%)
5% Glucose solution	18 (7.0%)	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	103 (39.9%)	4849 (55.5%)
Fortified/enriched hospital food	7 (2.7%)	756 (8.6%)
Protein/energy supplement (e.g. ONS drinks)	25 (9.7%)	998 (11.4%)
Enteral nutrition	11 (4.3%)	485 (5.5%)
Parenteral nutrition	5 (1.9%)	479 (5.5%)
Special diet	122 (47.3%)	3072 (35.1%)
None	7 (2.7%)	474 (5.4%)

13a. All lines and Tubes

Central Venous	40 (15.5%)	734 (8.4%)
Peripheral venous access	142 (55.0%)	4122 (47.1%)
Nasogastric	9 (3.5%)	258 (3.0%)
Nasojejunal	1 (0.39%)	38 (0.43%)
Nasoduodenal	-	22 (0.25%)
Enterostoma	-	42 (0.48%)
Percutaneous endoscopy/surgical gastrostomy	3 (1.2%)	67 (0.77%)
Percutaneous endoscopy/surgical jejunostomy	-	27 (0.31%)
None	76 (29.5%)	3894 (44.5%)

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

Yes, previously	5 (1.9%)	87 (1.00%)
Yes, ongoing	3 (1.2%)	80 (0.92%)
No	223 (86.4%)	7278 (83.2%)
I do not know	25 (9.7%)	846 (9.7%)
Missing	2 (0.78%)	452 (5.2%)

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

Energy requirements were determined	40 (15.5%)	3103 (35.5%)
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Protein requirements were determined	38 (14.7%)	2765 (31.6%)
Food/Nutrition intake was recorded in the patient record	97 (37.6%)	3893 (44.5%)
Nutrition treatment plan was developed	43 (16.7%)	3013 (34.5%)
Nutrition expert was consulted	40 (15.5%)	2890 (33.1%)
Malnutrition status is recorded in the patient record	28 (10.9%)	2363 (27.0%)
None	-	-

15a. Energy goal

< 500 kcal	1 (0.39%)	268 (3.1%)
500-999 kcal	4 (1.6%)	93 (1.1%)
1000-1499 kcal	9 (3.5%)	884 (10.1%)
1500-1999 kcal	20 (7.8%)	2574 (29.4%)
>=2000 kcal	34 (13.2%)	958 (11.0%)
Not determined	165 (64.0%)	3200 (36.6%)
I do not know	25 (9.7%)	730 (8.3%)
Missing	-	36 (0.41%)

15b. Energy intake

< 500 kcal	6 (2.3%)	530 (6.1%)
500-999 kcal	12 (4.7%)	483 (5.5%)
1000-1499 kcal	16 (6.2%)	1101 (12.6%)
1500-1999 kcal	20 (7.8%)	1928 (22.1%)
>=2000 kcal	11 (4.3%)	584 (6.7%)
Not determined	139 (53.9%)	2964 (33.9%)
I do not know	52 (20.2%)	1101 (12.6%)
Missing	2 (0.78%)	52 (0.59%)

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

Improved	120 (46.5%)	4436 (50.7%)
Deteriorated	26 (10.1%)	485 (5.5%)
Remained the same	60 (23.3%)	2411 (27.6%)
This patient has just been admitted	18 (7.0%)	555 (6.3%)
I do not know	34 (13.2%)	856 (9.8%)
Missing	-	-

Length of hospital stay (days)	11 [6-20]	12 [6-24]
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Outcome Code

1= Still in the hospital	8 (3.1%)	748 (8.6%)
2= Transferred to another hospital	1 (0.39%)	211 (2.4%)
3= Transferred to long term care	5 (1.9%)	360 (4.1%)
4= Rehabilitation	2 (0.78%)	486 (5.6%)
5= Discharged home	182 (70.5%)	6417 (73.4%)
6= Death	7 (2.7%)	260 (3.0%)

7= Others	1 (0.39%)	173 (2.0%)
Missing	52 (20.2%)	88 (1.0%)

Readmitted since ND

1= No	163 (82.7%)	6055 (78.3%)
2= Yes, same hospital planned	16 (8.1%)	457 (5.9%)
3= Yes, same hospital unplanned	16 (8.1%)	454 (5.9%)
4= Yes, different hospital planned	-	44 (0.57%)
5= Yes, different hospital unplanned	-	44 (0.57%)
6= Unknown	1 (0.51%)	299 (3.9%)
Missing	1 (0.51%)	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	170 (67.5%)	5885 (69.8%)
I am vegetarian	3 (1.2%)	142 (1.7%)
I adhere to a vegan diet	-	50 (0.59%)
I eat gluten-free diet	3 (1.2%)	73 (0.87%)
I avoid added sugars	49 (19.4%)	1290 (15.3%)
I avoid carbohydrates	8 (3.2%)	477 (5.7%)
I eat a low fat-diet	35 (13.9%)	972 (11.5%)
I am lactose intolerant	17 (6.7%)	328 (3.9%)
Other special diet due to intolerances/allergies	2 (0.79%)	171 (2.0%)
Other	17 (6.7%)	603 (7.2%)
No answer given	3 (1.2%)	162 (1.9%)
2. Where did you live before your current hospital admission?		
At home	234 (92.9%)	7497 (89.0%)
In a nursing home or other live-in facility	5 (2.0%)	287 (3.4%)
I was transferred from another hospital	6 (2.4%)	418 (5.0%)
Other	4 (1.6%)	139 (1.6%)
Missing	3 (1.2%)	87 (1.0%)
3. In general, are you able to walk?		
Yes	167 (66.3%)	5392 (64.0%)
Yes, with someone's help	30 (11.9%)	899 (10.7%)
Yes, independently using a cane, walker, or crutches	26 (10.3%)	1107 (13.1%)
No, I have a wheelchair	10 (4.0%)	355 (4.2%)
No, I am bedridden	14 (5.6%)	548 (6.5%)
Missing	5 (2.0%)	127 (1.5%)
4. In general, how would you say your health is?		
Very good	16 (6.3%)	615 (7.3%)
Good	72 (28.6%)	3078 (36.5%)
Fair	112 (44.4%)	3196 (37.9%)
Poor	37 (14.7%)	1144 (13.6%)
Very poor	6 (2.4%)	254 (3.0%)
Missing	9 (3.6%)	141 (1.7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	4 [2-12]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	2 [0-3]	1 [0-2]
... how many nights in total have you spent in hospital?	7 [1-20]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	56 (22.2%)	1638 (19.4%)
3-5	69 (27.4%)	2272 (27.0%)
More than 5	82 (32.5%)	2608 (30.9%)
None	36 (14.3%)	1375 (16.3%)
I do not know	8 (3.2%)	429 (5.1%)
Missing	1 (0.40%)	106 (1.3%)

7. Do you have health insurance?		
Yes, private insurance only	22 (8.7%)	1250 (14.8%)
Yes, public insurance only	177 (70.2%)	4213 (50.0%)
Yes, both	20 (7.9%)	1101 (13.1%)
None	30 (11.9%)	1114 (13.2%)
I prefer not to answer	2 (0.79%)	483 (5.7%)
Missing	1 (0.40%)	267 (3.2%)

8. What was your weight 5 years ago?		
	75 [65-82]	70 [60-83]
I do not know	66 (26.2%)	2268 (26.9%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	20 (7.9%)	795 (9.4%)
Yes, unintentionally	129 (51.2%)	3179 (37.7%)
No, my weight stayed the same	55 (21.8%)	2488 (29.5%)
No, I gained weight	21 (8.3%)	911 (10.8%)
I do not know	20 (7.9%)	856 (10.2%)
Missing	7 (2.8%)	199 (2.4%)

9b. If yes, how many kg did you lose?		
	7 [4-10]	6 [3-10]
I do not know	21 (14.1%)	672 (16.9%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	60 (25.4%)	3142 (39.1%)

11. Please indicate if you ...		
... were weighed at admission	91 (36.1%)	4710 (56.2%)
... were informed about your nutrition status	49 (19.4%)	2651 (32.0%)
... were informed about nutrition care options	42 (16.8%)	2341 (28.3%)
... received special nutrition care	74 (29.6%)	2232 (27.0%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	7 (2.8%)	366 (4.4%)
Normal	156 (62.2%)	5184 (62.0%)
About 3/4 of normal	25 (10.0%)	801 (9.6%)
About half of normal	27 (10.8%)	1028 (12.3%)

About a quarter to nearly nothing	24 (9.6%)	750 (9.0%)
I do not know	5 (2.0%)	82 (0.98%)
Missing	7 (2.8%)	157 (1.9%)

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

Very satisfied	63 (25.1%)	2303 (27.5%)
Somewhat satisfied	62 (24.7%)	2525 (30.2%)
Neutral	47 (18.7%)	1669 (19.9%)
Dissatisfied	22 (8.8%)	652 (7.8%)
Very dissatisfied	21 (8.4%)	252 (3.0%)
I do not know	28 (11.2%)	712 (8.5%)
Missing	8 (3.2%)	255 (3.0%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	56 (22.3%)	910 (10.9%)
Yes, from hospital staff	7 (2.8%)	544 (6.5%)
No	180 (71.7%)	6450 (77.1%)
I do not know	5 (2.0%)	107 (1.3%)
Missing	3 (1.2%)	357 (4.3%)

15. Were you able to eat without interruption TODAY? (Yes)	167 (71.1%)	5869 (74.5%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	114 (45.4%)	4051 (48.4%)
1/2	59 (23.5%)	1966 (23.5%)
1/4	34 (13.5%)	1005 (12.0%)
Nothing	30 (12.0%)	975 (11.7%)
Missing	14 (5.6%)	371 (4.4%)

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

Standard	163 (64.9%)	5388 (64.4%)
Smaller	18 (7.2%)	778 (9.3%)
Larger	12 (4.8%)	328 (3.9%)
I do not know	31 (12.4%)	848 (10.1%)
Missing	27 (10.8%)	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	30 (24.4%)	570 (14.4%)
I did not like the smell/taste of the food	16 (13.0%)	443 (11.2%)
The food did not fit my cultural/religious preferences	-	47 (1.2%)
The food was too hot	2 (1.6%)	14 (0.35%)
The food was too cold	2 (1.6%)	86 (2.2%)
Due to food allergy/intolerance	1 (0.81%)	25 (0.63%)
I was not hungry at that time	20 (16.3%)	672 (17.0%)

I do not have my usual appetite	50 (40.7%)	1114 (28.2%)
I have problems chewing/swallowing	10 (8.1%)	225 (5.7%)
I normally eat less than what was served	17 (13.8%)	428 (10.8%)
I had nausea/vomiting	19 (15.4%)	327 (8.3%)
I was too tired	12 (9.8%)	219 (5.5%)
I cannot eat without help	1 (0.81%)	68 (1.7%)
I was not allowed to eat	17 (13.8%)	449 (11.4%)
I had an exam, surgery, or test and missed my meal	2 (1.6%)	234 (5.9%)
I did not get requested food	1 (0.81%)	53 (1.3%)
No answer given	11 (8.9%)	481 (12.2%)

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

19a. Did you eat any food apart from hospital food TODAY? 51 (22.4%) 2048 (26.7%)

19b. If yes, what did you eat?

Sweet snacks	13 (25.5%)	501 (24.5%)
Salty snacks	-	273 (13.3%)
Homemade food	13 (25.5%)	302 (14.7%)
Fruits	14 (27.5%)	724 (35.4%)
Dairy products	9 (17.6%)	212 (10.4%)
Food delivered/restaurant	2 (3.9%)	84 (4.1%)
Sandwich	9 (17.6%)	139 (6.8%)
Other	5 (9.8%)	400 (19.5%)

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

Increased	31 (12.4%)	1138 (13.6%)
Decreased	110 (43.8%)	2694 (32.2%)
Stayed the same	83 (33.1%)	3504 (41.9%)
I do not know	17 (6.8%)	582 (7.0%)
Missing	10 (4.0%)	450 (5.4%)

21. TODAY I feel...

Stronger than at admission	112 (44.6%)	3635 (43.4%)
Weaker than at admission	70 (27.9%)	1458 (17.4%)
Same as at admission	48 (19.1%)	2363 (28.2%)

I was admitted today	3 (1.2%)	236 (2.8%)
I do not know	11 (4.4%)	454 (5.4%)
Missing	7 (2.8%)	222 (2.7%)

22. Can you walk without assistance TODAY?

Yes	138 (55.0%)	4925 (58.9%)
No, only with assistance	64 (25.5%)	2067 (24.7%)
No, I stay in bed	37 (14.7%)	929 (11.1%)
Missing	12 (4.8%)	447 (5.3%)

23. Did anyone help you complete this questionnaire?	145 (58.5%)	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:	6	113
Computerized system in hospital:	4 units (67%) YES	109 units (96%) YES
Nutritional treatment of cancer patients is part of overall care plan	6 units (100%) YES	95 units (84%) YES
Nutritional treatment is considered...		
Routinely	2 (33,3%)	56 (49.6%)
When patient asks	3 (50,0%)	29 (25.7%)
When body weight loss > 10%	3 (50,0%)	39 (34.5%)
During palliative phase	-	33 (29.2%)
Other	1 (16,7%)	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	2 (33,3%)	64 (56.6%)
Calculation of energy needs	3 (50,0%)	82 (72.6%)
Monitoring patients intake and use of oral supplements	6 (100%)	99 (87.6%)
None	-	4 (3.54%)
Other	1 (16,7%)	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 (50,0%)	75 (66.4%)
At chemotherapy	2 (33,3%)	12 (10.6%)
When necessary	1 (16,7%)	23 (20.4%)
Never	-	1 (0.88%)
Unknown	-	1 (0.88%)
Missing	-	1 (0.88%)

Anthropometrics (circumference)

Regularly	-	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	3 (50,0%)	40 (35.4%)
Never	2 (33,3%)	53 (46.9%)
Unknown	-	1 (0.88%)
Missing	1 (16,7%)	6 (5.31%)

BIA

Regularly	-	5 (4.42%)
At chemotherapy	-	-
When necessary	1 (16,7%)	23 (20.4%)
Never	4 (66,7%)	77 (68.1%)
Unknown	-	3 (2.65%)
Missing	1 (16,7%)	5 (4.42%)

CT SCAN

Regularly	-	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	-	29 (25.7%)
Never	5 (83,3%)	70 (61.9%)
Unknown	-	3 (2.65%)
Missing	1 (16,7%)	4 (3.54%)

DEXA

Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	-	15 (13.3%)
Never	5 (83,3%)	83 (73.5%)
Unknown	-	8 (7.08%)
Missing	1 (16,7%)	5 (4.42%)

Other (body composition)

Regularly	-	1 (0.88%)
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At chemotherapy	-	-
When necessary	-	16 (14.2%)
Never	4 (66,7%)	40 (35.4%)
Unknown	1 (16,7%)	19 (16.8%)
Missing	1 (16,7%)	37 (32.7%)

Body function:

Handgrip

Regularly	-	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	3 (50,0%)	36 (31.9%)
Never	2 (33,3%)	60 (53.1%)
Unknown	-	4 (3.54%)
Missing	1 (16,7%)	6 (5.31%)

6-minutes walking test

Regularly	-	3 (2.65%)
At chemotherapy	-	-
When necessary	-	32 (28.3%)
Never	5 (83,3%)	66 (58.4%)
Unknown	-	5 (4.42%)
Missing	1 (16,7%)	7 (6.19%)

Other (body function)

Regularly	-	4 (3.54%)
At chemotherapy	-	-
When necessary	2 (33,3%)	22 (19.5%)
Never	2 (33,3%)	45 (39.8%)
Unknown	1 (16,7%)	15 (13.3%)
Missing	1 (16,7%)	27 (23.9%)

Nutritional requirements, calculated

Regularly	-	32 (28.3%)
At chemotherapy	-	-
When necessary	3 (50,0%)	64 (56.6%)
Never	-	5 (4.42%)
Unknown	-	-
Missing	3 (50,0%)	12 (10.6%)

Nutritional intake:

Every meal

Regularly	3 (50,0%)	31 (27.4%)
At chemotherapy	-	1 (0.88%)
When necessary	2 (33,3%)	49 (43.4%)

Never	-	13 (11.5%)
Unknown	-	6 (5.31%)
Missing	1 (16,7%)	13 (11.5%)
1 meal per day		
Regularly	-	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	1 (16,7%)	34 (30.1%)
Never	-	19 (16.8%)
Unknown	2 (33,3%)	9 (7.96%)
Missing	3 (50,0%)	38 (33.6%)
2 meals per day		
Regularly	-	12 (10.6%)
At chemotherapy	-	-
When necessary	1 (16,7%)	33 (29.2%)
Never	-	20 (17.7%)
Unknown	2 (33,3%)	9 (7.96%)
Missing	3 (50,0%)	39 (34.5%)
24h recall		
Regularly	2 (33,3%)	27 (23.9%)
At chemotherapy	-	2 (1.77%)
When necessary	-	40 (35.4%)
Never	1 (16,7%)	12 (10.6%)
Unknown	-	7 (6.19%)
Missing	3 (50,0%)	25 (22.1%)
Other (nutritional intake)		
Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	1 (16,7%)	16 (14.2%)
Never	1 (16,7%)	22 (19.5%)
Unknown	2 (33,3%)	17 (15.0%)
Missing	2 (33,3%)	56 (49.6%)
Questionnaire completed by		
Dietitian	-	40 (35.4%)
Nurse	2 (33,3%)	29 (25.7%)
Physician	3 (50,0%)	38 (33.6%)
Nutritional scientist	1 (16,7%)	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:	81	959
Demographic data:		
Age (years)	63 [20-90]	66 [18-96]
Female gender	33 (40,7%)	378 (39.4%)
Weight (kg)	69,0 ± 13,5	65.1 ± 16.5
Height (cm)	166,1 ± 9,6	165.9 ± 9.9
BMI (kg/m2)	24,8 ± 4,8	23.7 ± 4.7
Outpatient (o)/Ward (w)		
Outpatient(o)	-	63 (6.57%)
Ward (w)	80 (98,8%)	892 (93.0%)
Missing	1 (1,23%)	4 (0.42%)
Goal of Therapy		
Curative	46 (56,8%)	554 (57.8%)
Palliative	26 (32,1%)	343 (35.8%)
Terminal	5 (6,17%)	37 (3.86%)
Missing	4 (4,94%)	25 (2.61%)
Reason for admission		
Clinical diagnostics	14 (17,3%)	104 (10.8%)
Therapy	32 (39,5%)	469 (48.9%)
Surgery related	-	200 (20.9%)
Treatment complications	16 (19,8%)	119 (12.4%)
Poor health status	30 (37,0%)	118 (12.3%)
Independent care difficult	2 (2,47%)	6 (0.63%)
Missing	-	-
Present cancer diagnosis		
Breast	3 (3,70%)	51 (5.32%)
Colon, rectum	2 (2,47%)	163 (17.0%)
Prostate	3 (3,70%)	29 (3.02%)
Lung	8 (9,88%)	75 (7.82%)
Skin	1 (1,23%)	4 (0.42%)
Kidney/bladder	2 (2,47%)	30 (3.13%)
Gastric/oesophageal	7 (8,64%)	144 (15.0%)
Pancreas	5 (6,17%)	63 (6.57%)
Lymphoma	22 (27,2%)	94 (9.80%)
Ears nose throat (ENT)	1 (1,23%)	41 (4.28%)
Leukaemia	17 (21,0%)	74 (7.72%)
Genital tract	2 (2,47%)	32 (3.34%)

Liver	1 (1,23%)	103 (10.7%)
Sarcoma	2 (2,47%)	8 (0.83%)
Brain	1 (1,23%)	11 (1.15%)
Testicular	-	-
Other	6 (7,41%)	73 (7.61%)
Missing	3 (3,70%)	11 (1.15%)

Time since diagnosis

0-2 months	26 (32,1%)	344 (35.9%)
3-5 months	14 (17,3%)	159 (16.6%)
6-12 months	17 (21,0%)	152 (15.8%)
1-2 years	8 (9,88%)	118 (12.3%)
2-4 years	7 (8,64%)	77 (8.03%)
> 4 years	9 (11,1%)	87 (9.07%)
Missing	-	19 (1.98%)

Cancer staging

0=Carcinoma in situ	-	35 (3.65%)
I=Localized	8 (9,88%)	202 (21.1%)
II=Early locally advanced	16 (19,8%)	159 (16.6%)
III=Late locally advanced	8 (9,88%)	168 (17.5%)
IV=Metastasised	38 (46,9%)	287 (29.9%)
Missing	11 (13,6%)	108 (11.3%)

Time since first therapy start

No therapy	6 (7,41%)	125 (13.0%)
Tumour staging/diagnosis	8 (9,88%)	63 (6.57%)
0-2 months	23 (28,4%)	267 (27.8%)
3-5 months	14 (17,3%)	128 (13.3%)
6-12 months	18 (22,2%)	135 (14.1%)
1-2 years	5 (6,17%)	90 (9.38%)
2-4 years	6 (7,41%)	59 (6.15%)
> 4 years	10 (12,3%)	98 (10.2%)
Missing	-	16 (1.67%)

Therapy situation

Diagnosis	7 (8,64%)	107 (11.2%)
Chemotherapy 1st line	39 (48,1%)	175 (18.2%)
Chemotherapy > 1st line	15 (18,5%)	142 (14.8%)
Radiotherapy	9 (11,1%)	67 (6.99%)
Target therapy	5 (6,17%)	30 (3.13%)
Hormone therapy	1 (1,23%)	12 (1.25%)
Palliative	16 (19,8%)	108 (11.3%)
Surgery	1 (1,23%)	322 (33.6%)

Cancer related complications	5 (6,17%)	57 (5.94%)
Therapy related complications	8 (9,88%)	36 (3.75%)
Missing	2 (2,47%)	13 (1.36%)

Infections

None	54 (66,7%)	731 (76.2%)
Local	12 (14,8%)	136 (14.2%)
General	15 (18,5%)	70 (7.30%)
Missing	-	22 (2.29%)

Nutrition Treatment

No special diet	49 (60,5%)	453 (47.2%)
Individualized diet plan	22 (27,2%)	228 (23.8%)
Energy rich/protein rich ONS	17 (21,0%)	120 (12.5%)
Enteral nutrition (via NGT/PEG)	2 (2,47%)	52 (5.42%)
Parenteral nutrition	-	128 (13.3%)
ONS enriched with special nutrients	-	19 (1.98%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	7 (0.73%)
Personal preferences	2 (2,47%)	109 (11.4%)
Counselling	-	54 (5.63%)
Other	8 (9,88%)	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:	81	951
Body weight prior to becoming ill	72 [42-120]	70 [22-180]
Actual body weight	65 [37-106]	63 [21-128]
Change in weight was		
Intentional	-	31 (3.23%)
Unintentional	66 (81,5%)	607 (63.3%)
Weight is stable	8 (9,88%)	154 (16.1%)
Missing	1 (1,23%)	30 (3.13%)
During the last week		
Patients who have had pain:		
Not at all	29 (35,8%)	329 (34.3%)
A little	26 (32,1%)	263 (27.4%)
Quite a bit	16 (19,8%)	161 (16.8%)
Very much	4 (4,94%)	107 (11.2%)
Missing	3 (3,70%)	87 (9.07%)
Patients who needed a rest:		
Not at all	15 (18,5%)	230 (24.0%)
A little	25 (30,9%)	279 (29.1%)
Quite a bit	20 (24,7%)	212 (22.1%)
Very much	7 (8,64%)	125 (13.0%)
Missing	10 (12,3%)	95 (9.91%)
Patients who felt weak:		
Not at all	8 (9,88%)	228 (23.8%)
A little	19 (23,5%)	266 (27.7%)
Quite a bit	36 (44,4%)	224 (23.4%)
Very much	10 (12,3%)	135 (14.1%)
Missing	5 (6,17%)	92 (9.59%)
Patients who felt depressed:		
Not at all	21 (25,9%)	348 (36.3%)
A little	32 (39,5%)	303 (31.6%)
Quite a bit	14 (17,3%)	125 (13.0%)
Very much	4 (4,94%)	72 (7.51%)
Missing	7 (8,64%)	89 (9.28%)
Patients who were tired:		

Not at all	8 (9,88%)	241 (25.1%)
A little	23 (28,4%)	283 (29.5%)
Quite a bit	32 (39,5%)	213 (22.2%)
Very much	11 (13,6%)	116 (12.1%)
Missing	4 (4,94%)	89 (9.28%)

Patients whose pain interfered with their daily activities:

Not at all	27 (33,3%)	373 (38.9%)
A little	18 (22,2%)	220 (22.9%)
Quite a bit	12 (14,8%)	142 (14.8%)
Very much	12 (14,8%)	110 (11.5%)
Missing	8 (9,88%)	94 (9.80%)

Patients who lacked appetite:

Not at all	19 (23,5%)	347 (36.2%)
A little	18 (22,2%)	238 (24.8%)
Quite a bit	25 (30,9%)	149 (15.5%)
Very much	8 (9,88%)	113 (11.8%)
Missing	8 (9,88%)	95 (9.91%)

Just now

Patients who have pain:

Not at all	39 (48,1%)	375 (39.1%)
A little	25 (30,9%)	304 (31.7%)
Quite a bit	6 (7,41%)	122 (12.7%)
Very much	4 (4,94%)	45 (4.69%)
Missing	5 (6,17%)	98 (10.2%)

Patients who need a rest:

Not at all	11 (13,6%)	192 (20.0%)
A little	26 (32,1%)	322 (33.6%)
Quite a bit	25 (30,9%)	230 (24.0%)
Very much	10 (12,3%)	98 (10.2%)
Missing	7 (8,64%)	96 (10.0%)

Patients who feel weak:

Not at all	9 (11,1%)	209 (21.8%)
A little	27 (33,3%)	313 (32.6%)
Quite a bit	26 (32,1%)	219 (22.8%)
Very much	12 (14,8%)	99 (10.3%)
Missing	5 (6,17%)	98 (10.2%)

Patients who are depressed:

Not at all	27 (33,3%)	375 (39.1%)
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A little	25 (30,9%)	314 (32.7%)
Quite a bit	14 (17,3%)	116 (12.1%)
Very much	5 (6,17%)	39 (4.07%)
Missing	7 (8,64%)	96 (10.0%)

Patients who are tired:

Not at all	9 (11,1%)	222 (23.1%)
A little	29 (35,8%)	343 (35.8%)
Quite a bit	22 (27,2%)	197 (20.5%)
Very much	12 (14,8%)	82 (8.55%)
Missing	7 (8,64%)	94 (9.80%)

Patients whose pain interferes with their daily activities:

Not at all	30 (37,0%)	339 (35.3%)
A little	21 (25,9%)	259 (27.0%)
Quite a bit	12 (14,8%)	154 (16.1%)
Very much	9 (11,1%)	80 (8.34%)
Missing	7 (8,64%)	100 (10.4%)

Patients who lack appetite:

Not at all	21 (25,9%)	327 (34.1%)
A little	19 (23,5%)	264 (27.5%)
Quite a bit	24 (29,6%)	157 (16.4%)
Very much	8 (9,88%)	92 (9.59%)
Missing	7 (8,64%)	99 (10.3%)

Reasons for change in appetite/food intake

Nausea/Vomiting	20 (24,7%)	154 (16.1%)
Inflammation in mouth	11 (13,6%)	55 (5.74%)
Pain	11 (13,6%)	116 (12.1%)
Constipation	11 (13,6%)	64 (6.67%)
Diarrhea	9 (11,1%)	42 (4.38%)
Change in taste/smell	10 (12,3%)	104 (10.8%)
Early satiation/Loss of appetite	15 (18,5%)	217 (22.6%)
Other	10 (12,3%)	165 (17.2%)
Missing	5 (6,17%)	45 (4.69%)

Maximum activity performed by patients

Able to do sports	1 (1,23%)	38 (3.96%)
Fully active	3 (3,70%)	125 (13.0%)
Able to carry out light activities	16 (19,8%)	184 (19.2%)
Able to carry out self care	19 (23,5%)	215 (22.4%)
Able to carry out limited self care	12 (14,8%)	146 (15.2%)
Confined to bed or chair	22 (27,2%)	142 (14.8%)

Missing	5 (6,17%)	96 (10.0%)
Patient takes additional (without prescription)		
Nothing	57 (70,4%)	611 (63.7%)
Herbal tea	5 (6,17%)	75 (7.82%)
Nutritional supplements	4 (4,94%)	61 (6.36%)
Multivitamin	3 (3,70%)	37 (3.86%)
Other medication	1 (1,23%)	44 (4.59%)
Other	6 (7,41%)	49 (5.11%)
Missing	9 (11,1%)	116 (12.1%)
Additional activities performed		
Nothing	68 (84,0%)	710 (74.0%)
Psychotherapy	-	17 (1.77%)
Yoga	1 (1,23%)	9 (0.94%)
Meditation	1 (1,23%)	21 (2.19%)
Progressive muscle relaxation	1 (1,23%)	14 (1.46%)
Qigong	-	1 (0.10%)
Other	4 (4,94%)	68 (7.09%)
Missing	7 (8,64%)	129 (13.5%)
Patients having difficulties in complying with treatment	17 (21,0%)	181 (18.9%)
Patients needing help to complete questionnaire	41 (50,6%)	545 (56.8%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	55 (67,9%)	549 (57.2%)