



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:	10
Number of units on nutritionDay:	37
Number of patients on nutritionDay:	932
Number of patients who gave consent:	630
Number of patients completing Sheet 3a:	598
Number of patients completing Sheet 3b:	581
Number of cancer patients on nutritionDay:	173
Number of patients completing Sheet 2_onco:	37
Number of patients completing Sheet 3_onco:	35
Number of patients with 30-day outcome assessment:	575

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	343 [204-412]	305 [180-526]
2. Total number of admissions in the hospital last year	14324 [7802-18453]	17891 [8741-38415]
3. Total number of staff in the hospital		
Total medical doctors	266 [124-340]	162 [65-328]
Medical specialists	243 [101-299]	108 [44-210]
Medical non-specialists	38 [19-67]	35 [12-81]
Nurses	375 [279-552]	346 [124-710]
Dieticians	3 [2-4]	4 [1-8]
Nutritionists	3 [2-5]	1 [0-4]
Pharmacists	9 [7-16]	6 [3-14]
Kitchen staff	48 [9-78]	28 [11-55]
Full time equivalent		
Total medical doctors	181 [108-312]	126 [56-296]
Medical specialists	162 [84-260]	88 [44-210]
Medical non-specialists	38 [19-67]	33 [11-83]
Nurses	375 [278-552]	317 [123-726]
Dieticians	3 [2-4]	4 [1-7]
Nutritionists	3 [2-4]	1 [0-4]
Pharmacists	9 [7-16]	5 [2-11]
Kitchen staff	48 [9-78]	25 [12-50]
4. Does the hospital have a nutrition care strategy?	7 (87.5%) Yes	269 (76.0%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	7 (87.5%) Yes	226 (63.8%) Yes
Nutrition steering committee is available	8 (100%) Yes	207 (58.5%) Yes
Quality indicators are recorded and reported to national or regional level	4 (50.0%) Yes	139 (39.3%) Yes
Quality indicators are used for internal benchmarking	7 (87.5%) Yes	171 (48.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	8 (100%) 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	-	175 (49.4%) Yes
Oral nutrition supplements	-	141 (39.8%) Yes

Parenteral nutrition	1 (12.5%) Yes	202 (57.1%) Yes
Enteral nutrition	1 (12.5%) Yes	167 (47.2%) Yes
Dietary counseling	-	120 (33.9%) Yes
Specific dietary interventions	-	104 (29.4%) Yes
Screening for malnutrition	1 (12.5%) Yes	88 (24.9%) Yes
Risk of malnutrition	3 (37.5%) Yes	90 (25.4%) Yes
Malnutrition (in general)	3 (37.5%) Yes	170 (48.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	3 (37.5%) Yes	154 (43.5%) Yes
No information available from billing/finance/controlling	3 (37.5%) Yes	55 (15.5%) Yes
No answer given	-	28 (7.9%)

Codes routinely used

Nutrition Support	-	139 (39.3%) Yes
Oral nutrition supplements	-	111 (31.4%) Yes
Parenteral nutrition	-	177 (50.0%) Yes
Enteral nutrition	-	145 (41.0%) Yes
Dietary counseling	-	88 (24.9%) Yes
Specific dietary interventions	-	84 (23.7%) Yes
Screening for malnutrition	1 (12.5%) Yes	68 (19.2%) Yes
Risk of malnutrition	-	61 (17.2%) Yes
Malnutrition (in general)	1 (12.5%) Yes	138 (39.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	1 (12.5%) Yes	126 (35.6%) Yes
No information available from billing/finance/controlling	3 (37.5%) 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	9 (24.3%)	92 (20.0%)
Internal Medicine / Cardiology	1 (2.7%)	26 (5.7%)
Internal Medicine / Gastroenterology & hepatology	2 (5.4%)	31 (6.8%)
Internal Medicine / Geriatrics	-	37 (8.1%)
Internal Medicine / Infectious diseases	-	5 (1.1%)
Internal Medicine / Nephrology	-	5 (1.1%)
Internal Medicine / Oncology (incl. radiotherapy)	1 (2.7%)	35 (7.6%)
Interdisciplinary	1 (2.7%)	21 (4.6%)
Long term care	-	7 (1.5%)
Neurology	-	14 (3.1%)
Surgery / General	5 (13.5%)	82 (17.9%)
Surgery/ Cardiac/Vascular/Thoracic	1 (2.7%)	6 (1.3%)
Surgery / Neurosurgery	-	4 (0.9%)
Surgery / Orthopedic	2 (5.4%)	19 (4.1%)
Trauma	-	7 (1.5%)
Ear Nose Throat (ENT)	-	7 (1.5%)
Gynecology / Obstetrics	-	10 (2.2%)
Pediatrics	-	-
Psychiatry	2 (5.4%)	3 (0.7%)
Others	13 (35.1%)	48 (10.5%)
2. Number of registered inpatients at noon	21 [17-27]	24 [17-35]
3. Total bed capacity of the unit	26 [18-32]	31 [25-44]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	6 [3-10]	4 [2-8]
Nurses	6 [5-11]	5 [4-8]
Nursing aides	4 [3-7]	2 [1-4]
Dieticians	1 [0-1]	1 [0-1]
Nutritionists	0 [0-1]	0 [0-1]
Administrative staff	1 [1-2]	1 [0-2]
Other staff involved in patient care	1 [0-3]	1 [0-3]
In training		
Medical doctors	1 [0-7]	1 [0-3]
Medical students	0 [0-5]	1 [0-2]
Nurses	0 [0-2]	1 [0-3]

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

5. Is there a nutrition support team in your hospital available? 26 (92.9%) Yes 323 (73.6%) Yes

6. Does the unit have a nutrition care strategy? 23 (82.1%) Yes 316 (72.0%) Yes

7. Is there a person in your unit responsible for nutrition care? 16 (57.1%) Yes 317 (72.2%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 25 (89.3%) Yes 395 (90.0%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 23 (82.1%) Yes 268 (61.0%) Yes

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

At admission

No routine screening	4 (10.8%) Yes	45 (9.8%) Yes
No fixed criteria	1 (2.7%) Yes	10 (2.2%) Yes
Experience / visual assessment only	6 (16.2%) Yes	43 (9.4%) Yes
Weighing / BMI only	2 (5.4%) Yes	66 (14.4%) Yes
Nutritional Risk Screening (NRS) 2002	6 (16.2%) Yes	131 (28.5%) Yes
Malnutrition Universal Screening Tool (MUST)	9 (24.3%) Yes	28 (6.1%) Yes
Malnutrition Screening tool (MST)	-	42 (9.2%) Yes
SNAQ	-	2 (0.44%) Yes
Other formal tool	-	70 (15.3%) Yes
I do not know	-	2 (0.44%) Yes
Missing	9 (24.3%)	20 (4.4%)

During hospital stay

No routine monitoring	1 (2.7%) Yes	43 (9.4%) Yes
No fixed criteria	8 (21.6%) Yes	44 (9.6%) Yes
Experience / visual assessment only	8 (21.6%) Yes	90 (19.6%) Yes
Weighing / BMI only	4 (10.8%) Yes	132 (28.8%) Yes
Other formal tool	7 (18.9%) Yes	121 (26.4%) Yes
I do not know	-	9 (2.0%) Yes
Missing	9 (24.3%)	20 (4.4%)

11a. Do you routinely use guidelines or standards for nutrition care? 23 (85.2%) Yes 343 (78.7%) Yes

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

International guidelines	14 (60.9%) Yes	86 (25.1%) Yes
National guidelines	3 (13.0%) Yes	56 (16.3%) Yes
Standards on hospital level	2 (8.7%) Yes	115 (33.5%) Yes
Standards on unit level	2 (8.7%) Yes	23 (6.7%) Yes
Individual patient nutrition care plans	2 (8.7%) 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	3 (8.1%) Yes	139 (30.3%) Yes
Discuss nutrition care activities during ward rounds	8 (21.6%) Yes	192 (41.8%) Yes
Develop an individual nutrition care plan	20 (54.1%) Yes	246 (53.6%) Yes
Initiate treatment / nutrition intervention	18 (48.6%) Yes	277 (60.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	19 (51.4%) Yes	285 (62.1%) Yes
Consult a medical professional	10 (27.0%) Yes	172 (37.5%) Yes
Calculate energy requirements	20 (54.1%) Yes	232 (50.5%) Yes
Calculate protein requirements	21 (56.8%) Yes	226 (49.2%) Yes

Malnourished

Watchful waiting	4 (10.8%) Yes	98 (21.4%) Yes
Discuss nutrition care activities during ward rounds	9 (24.3%) Yes	208 (45.3%) Yes
Develop an individual nutrition care plan	20 (54.1%) Yes	258 (56.2%) Yes
Initiate treatment / nutrition intervention	19 (51.4%) Yes	304 (66.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	19 (51.4%) Yes	284 (61.9%) Yes
Consult a medical professional	4 (10.8%) Yes	183 (39.9%) Yes
Calculate energy requirements	21 (56.8%) Yes	261 (56.9%) Yes
Calculate protein requirements	21 (56.8%) Yes	257 (56.0%) Yes

Every patient

Watchful waiting	17 (45.9%) Yes	193 (42.0%) Yes
Discuss nutrition care activities during ward rounds	15 (40.5%) Yes	126 (27.5%) Yes
Develop an individual nutrition care plan	3 (8.1%) Yes	74 (16.1%) Yes
Initiate treatment / nutrition intervention	6 (16.2%) Yes	57 (12.4%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	7 (18.9%) Yes	73 (15.9%) Yes
Consult a medical professional	2 (5.4%) Yes	101 (22.0%) Yes
Calculate energy requirements	1 (2.7%) Yes	50 (10.9%) Yes
Calculate protein requirements	-	44 (9.6%) Yes

Never

Watchful waiting	4 (10.8%) Yes	34 (7.4%) Yes
Discuss nutrition care activities during ward rounds	1 (2.7%) 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	5 (13.5%) 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	-	20 (4.4%) Yes
Discuss nutrition care activities during ward rounds	2 (5.4%) 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 (10.8%) Yes	18 (3.9%) Yes
Calculate energy requirements	3 (8.1%) Yes	11 (2.4%) Yes
Calculate protein requirements	3 (8.1%) Yes	13 (2.8%) Yes

13. When do you routinely weigh your patients?

at admission	12 (32.4%) Yes	291 (63.4%) Yes
Within 24 hours	2 (5.4%) Yes	64 (13.9%) Yes
Within 48 hours	2 (5.4%) Yes	20 (4.4%) Yes
Within 72 hours	5 (13.5%) Yes	13 (2.8%) Yes
Every week	8 (21.6%) Yes	152 (33.1%) Yes
Occasionally	6 (16.2%) Yes	59 (12.9%) Yes
When requested	14 (37.8%) Yes	207 (45.1%) Yes
At discharge	1 (2.7%) Yes	20 (4.4%) Yes
Never	1 (2.7%) 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	19 (51.4%) Yes	338 (73.6%) Yes
Offer meal choices	24 (64.9%) Yes	336 (73.2%) Yes
Offer different portion sizes	18 (48.6%) Yes	282 (61.4%) Yes
Consider food presentation	15 (40.5%) Yes	192 (41.8%) Yes
Change food texture/consistency as needed	28 (75.7%) Yes	376 (81.9%) Yes
Consider patient problems with eating and drinking	24 (64.9%) Yes	372 (81.0%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	9 (24.3%) Yes	51 (11.1%) Yes
Promote positive eating environment	8 (21.6%) Yes	82 (17.9%) Yes
Consider cultural/religious preferences	16 (43.2%) Yes	188 (41.0%) Yes
Consider patient allergies / intolerances	16 (43.2%) Yes	214 (46.6%) Yes
Other	5 (13.5%) Yes	29 (6.3%) Yes
I do not know	2 (5.4%) Yes	6 (1.3%) Yes
No answer given	9 (24.3%)	20 (4.4%)

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

Nutrition training is available	12 (32.4%) Yes	257 (56.0%) Yes
Reporting of nutrition related information to hospital managers	14 (37.8%) Yes	201 (43.8%) Yes
Quality indicators are recorded and reported to national or regional level	4 (10.8%) Yes	123 (26.8%) Yes
Quality indicators are used for internal benchmarking	8 (21.6%) Yes	166 (36.2%) Yes
Patient feedback about food and food service is collected using a questionnaire	27 (73.0%) Yes	291 (63.4%) Yes
None	1 (2.7%) Yes	21 (4.6%) Yes
I do not know	1 (2.7%) Yes	11 (2.4%) Yes
No answer given	9 (24.3%)	36 (7.8%)

16. At admission what is asked and documented?

Change in weight	24 (64.9%) Yes	358 (78.0%) Yes
Eating habits/difficulties	26 (70.3%) Yes	336 (73.2%) Yes
Nutrition before admission	14 (37.8%) Yes	260 (56.6%) Yes
None	-	9 (2.0%) Yes
I do not know	1 (2.7%) Yes	5 (1.1%) Yes
No answer given	9 (24.3%)	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	14 (37.8%) Yes	323 (70.4%) Yes
nutrition treatment	24 (64.9%) Yes	270 (58.8%) Yes
None	2 (5.4%) Yes	30 (6.5%) Yes
I do not know	24 (64.9%) Yes	270 (58.8%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	10 (27.0%) Yes	162 (35.3%) Yes
makes future nutrition-related recommendations	24 (64.9%) Yes	258 (56.2%) Yes
None	1 (2.7%) Yes	56 (12.2%) Yes
I do not know	-	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	6 (16.2%) Yes	117 (25.5%) Yes
Dietician	22 (59.5%) Yes	236 (51.4%) Yes
Nurse	6 (16.2%) Yes	124 (27.0%) Yes
Physician	5 (13.5%) Yes	72 (15.7%) Yes
Administrative staff	-	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	630	8743
Age	72 [61-81]	67 [53-78]
Female	302 (47.9%)	4410 (50.4%)
Weight	69.2±15.5	69.1±18.8
Height	163±9	164±10
BMI	26.0±5.5	25.5±6.0

1. This hospital admission was...

planned	157 (24.9%)	3052 (34.9%)
an emergency	442 (70.2%)	5037 (57.6%)
I do not know	31 (4.9%)	654 (7.5%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	46 (7.3%)	801 (9.2%)
0200 Neoplasms	170 (27.0%)	1381 (15.8%)
0300 Blood and bloodforming organs and the immune mechanism	41 (6.5%)	578 (6.6%)
0400 Endocrine, nutritional and metabolic diseases	50 (7.9%)	1043 (11.9%)
0500 Mental health	31 (4.9%)	333 (3.8%)
0600 Nervous system	37 (5.9%)	762 (8.7%)
0700 Eye and adnexa	8 (1.3%)	131 (1.5%)
0800 Ear and mastoid process	3 (0.48%)	70 (0.80%)
0900 Circulatory system	126 (20.0%)	1723 (19.7%)
1000 Respiratory system	166 (26.3%)	1358 (15.5%)
1100 Digestive system	130 (20.6%)	2210 (25.3%)
1200 Skin and subcutaneous tissue	41 (6.5%)	424 (4.8%)
1300 Musculoskeletal system and connective tissue	26 (4.1%)	1276 (14.6%)
1400 Genitourinary system	81 (12.9%)	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	1 (0.16%)	9 (0.10%)
1800 Symptoms, signs, abnormal clinical/lab findings	39 (6.2%)	391 (4.5%)
1900 Injury, poisoning	17 (2.7%)	276 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	5 (0.79%)	156 (1.8%)
2100 Factors influencing health status and contact with health services	12 (1.9%)	210 (2.4%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	141 (26.3%)	1569 (22.2%)
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Myocardial infarction	28 (5.5%)	394 (5.8%)
Chronic lung disease	93 (17.9%)	1080 (15.5%)
Cerebral vascular disease	61 (11.6%)	745 (10.9%)
Peripheral vascular disease	61 (11.7%)	869 (12.6%)
Chronic liver disease	24 (4.7%)	441 (6.5%)
Chronic kidney disease	51 (10.1%)	821 (11.9%)
Diabetes	157 (29.2%)	1899 (26.8%)
Cancer	173 (33.6%)	1733 (24.8%)
Infection	99 (19.1%)	1103 (15.8%)
Dementia	40 (7.8%)	374 (5.5%)
Major depressive disorder	65 (12.6%)	377 (5.6%)
Other chronic mental disorder	28 (5.5%)	378 (5.6%)
Other chronic disease	247 (44.7%)	1968 (27.8%)
None	59 (9.4%)	1394 (15.9%)

4a. Previous operation during this hospital stay

Yes, planned	88 (14.0%)	1743 (19.9%)
Yes, acute	35 (5.6%)	539 (6.2%)
No	464 (73.7%)	6145 (70.3%)
I do not know	14 (2.2%)	126 (1.4%)
Missing	29 (4.6%)	190 (2.2%)

Days since operation	6 [3-10]	4 [1-13]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	19 (3.0%)	738 (8.4%)
Yes, later	10 (1.6%)	513 (5.9%)
No	543 (86.2%)	6496 (74.3%)
I do not know	19 (3.0%)	414 (4.7%)
Missing	39 (6.2%)	582 (6.7%)

5. Previous ICU admission during this hospital stay? (Yes)	26 (4.1%)	934 (10.7%)
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6. Is this patient terminally ill?	31 (4.9%)	630 (7.2%)
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7. Fluid status

Normal	473 (75.1%)	6866 (78.5%)
Overloaded	50 (7.9%)	500 (5.7%)
Dehydrated	48 (7.6%)	450 (5.1%)
I do not know	59 (9.4%)	927 (10.6%)
Missing	-	-

8. Number of different medications planned

Oral	5 [3-7]	5 [2-8]
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Other	3 [1-6]	2 [1-4]
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9. Was this patient identified as malnourished or at risk of malnutrition?

Malnourished	31 (4.9%)	871 (10.0%)
At risk	81 (12.9%)	1543 (17.6%)
No	441 (70.0%)	5642 (64.5%)
I do not know	77 (12.2%)	687 (7.9%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	186 (29.5%)	3469 (39.7%)
5% Glucose solution	100 (15.9%)	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	330 (52.4%)	4849 (55.5%)
Fortified/enriched hospital food	24 (3.8%)	756 (8.6%)
Protein/energy supplement (e.g. ONS drinks)	60 (9.5%)	998 (11.4%)
Enteral nutrition	27 (4.3%)	485 (5.5%)
Parenteral nutrition	7 (1.1%)	479 (5.5%)
Special diet	255 (40.5%)	3072 (35.1%)
None	20 (3.2%)	474 (5.4%)

13a. All lines and Tubes

Central Venous	47 (7.5%)	734 (8.4%)
Peripheral venous access	320 (50.8%)	4122 (47.1%)
Nasogastric	26 (4.1%)	258 (3.0%)
Nasojejunal	1 (0.16%)	38 (0.43%)
Nasoduodenal	-	22 (0.25%)
Enterostoma	5 (0.79%)	42 (0.48%)
Percutaneous endoscopy/surgical gastrostomy	3 (0.48%)	67 (0.77%)
Percutaneous endoscopy/surgical jejunostomy	-	27 (0.31%)
None	251 (39.8%)	3894 (44.5%)

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

Yes, previously	4 (0.63%)	87 (1.00%)
Yes, ongoing	4 (0.63%)	80 (0.92%)
No	499 (79.2%)	7278 (83.2%)
I do not know	97 (15.4%)	846 (9.7%)
Missing	26 (4.1%)	452 (5.2%)

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

Energy requirements were determined	209 (33.2%)	3103 (35.5%)
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Protein requirements were determined	114 (18.1%)	2765 (31.6%)
Food/Nutrition intake was recorded in the patient record	379 (60.2%)	3893 (44.5%)
Nutrition treatment plan was developed	129 (20.5%)	3013 (34.5%)
Nutrition expert was consulted	156 (24.8%)	2890 (33.1%)
Malnutrition status is recorded in the patient record	167 (26.5%)	2363 (27.0%)
None	-	-

15a. Energy goal

< 500 kcal	19 (3.0%)	268 (3.1%)
500-999 kcal	8 (1.3%)	93 (1.1%)
1000-1499 kcal	30 (4.8%)	884 (10.1%)
1500-1999 kcal	211 (33.5%)	2574 (29.4%)
>=2000 kcal	112 (17.8%)	958 (11.0%)
Not determined	210 (33.3%)	3200 (36.6%)
I do not know	38 (6.0%)	730 (8.3%)
Missing	2 (0.32%)	36 (0.41%)

15b. Energy intake

< 500 kcal	28 (4.4%)	530 (6.1%)
500-999 kcal	31 (4.9%)	483 (5.5%)
1000-1499 kcal	61 (9.7%)	1101 (12.6%)
1500-1999 kcal	136 (21.6%)	1928 (22.1%)
>=2000 kcal	53 (8.4%)	584 (6.7%)
Not determined	217 (34.4%)	2964 (33.9%)
I do not know	101 (16.0%)	1101 (12.6%)
Missing	3 (0.48%)	52 (0.59%)

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

Improved	312 (49.5%)	4436 (50.7%)
Deteriorated	49 (7.8%)	485 (5.5%)
Remained the same	168 (26.7%)	2411 (27.6%)
This patient has just been admitted	14 (2.2%)	555 (6.3%)
I do not know	87 (13.8%)	856 (9.8%)
Missing	-	-

Length of hospital stay (days)	14 [8-27]	12 [6-24]
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Outcome Code

1= Still in the hospital	49 (7.8%)	748 (8.6%)
2= Transferred to another hospital	10 (1.6%)	211 (2.4%)
3= Transferred to long term care	10 (1.6%)	360 (4.1%)
4= Rehabilitation	3 (0.48%)	486 (5.6%)
5= Discharged home	450 (71.4%)	6417 (73.4%)
6= Death	42 (6.7%)	260 (3.0%)

7= Others	11 (1.7%)	173 (2.0%)
Missing	55 (8.7%)	88 (1.0%)

Readmitted since ND

1= No	435 (84.5%)	6055 (78.3%)
2= Yes, same hospital planned	17 (3.3%)	457 (5.9%)
3= Yes, same hospital unplanned	34 (6.6%)	454 (5.9%)
4= Yes, different hospital planned	1 (0.19%)	44 (0.57%)
5= Yes, different hospital unplanned	1 (0.19%)	44 (0.57%)
6= Unknown	2 (0.39%)	299 (3.9%)
Missing	25 (4.9%)	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	426 (71.2%)	5885 (69.8%)
I am vegetarian	2 (0.33%)	142 (1.7%)
I adhere to a vegan diet	-	50 (0.59%)
I eat gluten-free diet	1 (0.17%)	73 (0.87%)
I avoid added sugars	86 (14.4%)	1290 (15.3%)
I avoid carbohydrates	40 (6.7%)	477 (5.7%)
I eat a low fat-diet	63 (10.5%)	972 (11.5%)
I am lactose intolerant	12 (2.0%)	328 (3.9%)
Other special diet due to intolerances/allergies	7 (1.2%)	171 (2.0%)
Other	51 (8.5%)	603 (7.2%)
No answer given	6 (1.0%)	162 (1.9%)
2. Where did you live before your current hospital admission?		
At home	530 (88.6%)	7497 (89.0%)
In a nursing home or other live-in facility	41 (6.9%)	287 (3.4%)
I was transferred from another hospital	16 (2.7%)	418 (5.0%)
Other	5 (0.84%)	139 (1.6%)
Missing	6 (1.0%)	87 (1.0%)
3. In general, are you able to walk?		
Yes	359 (60.0%)	5392 (64.0%)
Yes, with someone's help	79 (13.2%)	899 (10.7%)
Yes, independently using a cane, walker, or crutches	68 (11.4%)	1107 (13.1%)
No, I have a wheelchair	24 (4.0%)	355 (4.2%)
No, I am bedridden	61 (10.2%)	548 (6.5%)
Missing	7 (1.2%)	127 (1.5%)
4. In general, how would you say your health is?		
Very good	8 (1.3%)	615 (7.3%)
Good	120 (20.1%)	3078 (36.5%)
Fair	244 (40.8%)	3196 (37.9%)
Poor	153 (25.6%)	1144 (13.6%)
Very poor	54 (9.0%)	254 (3.0%)
Missing	19 (3.2%)	141 (1.7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	3 [2-8]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-2]	1 [0-2]
... how many nights in total have you spent in hospital?	2 [0-12]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	90 (15.1%)	1638 (19.4%)
3-5	171 (28.6%)	2272 (27.0%)
More than 5	192 (32.1%)	2608 (30.9%)
None	67 (11.2%)	1375 (16.3%)
I do not know	64 (10.7%)	429 (5.1%)
Missing	14 (2.3%)	106 (1.3%)

7. Do you have health insurance?		
Yes, private insurance only	53 (8.9%)	1250 (14.8%)
Yes, public insurance only	171 (28.6%)	4213 (50.0%)
Yes, both	8 (1.3%)	1101 (13.1%)
None	308 (51.5%)	1114 (13.2%)
I prefer not to answer	41 (6.9%)	483 (5.7%)
Missing	17 (2.8%)	267 (3.2%)

8. What was your weight 5 years ago?		
	73 [65-80]	70 [60-83]
I do not know	162 (27.1%)	2268 (26.9%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	30 (5.0%)	795 (9.4%)
Yes, unintentionally	278 (46.5%)	3179 (37.7%)
No, my weight stayed the same	143 (23.9%)	2488 (29.5%)
No, I gained weight	43 (7.2%)	911 (10.8%)
I do not know	86 (14.4%)	856 (10.2%)
Missing	18 (3.0%)	199 (2.4%)

9b. If yes, how many kg did you lose?		
	7 [4-10]	6 [3-10]
I do not know	87 (28.2%)	672 (16.9%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	156 (27.5%)	3142 (39.1%)

11. Please indicate if you ...		
... were weighed at admission	202 (34.0%)	4710 (56.2%)
... were informed about your nutrition status	127 (21.4%)	2651 (32.0%)
... were informed about nutrition care options	193 (32.7%)	2341 (28.3%)
... received special nutrition care	139 (23.6%)	2232 (27.0%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	15 (2.6%)	366 (4.4%)
Normal	370 (63.7%)	5184 (62.0%)
About 3/4 of normal	51 (8.8%)	801 (9.6%)
About half of normal	82 (14.1%)	1028 (12.3%)

About a quarter to nearly nothing	43 (7.4%)	750 (9.0%)
I do not know	9 (1.5%)	82 (0.98%)
Missing	11 (1.9%)	157 (1.9%)

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

Very satisfied	113 (19.4%)	2303 (27.5%)
Somewhat satisfied	243 (41.8%)	2525 (30.2%)
Neutral	73 (12.6%)	1669 (19.9%)
Dissatisfied	65 (11.2%)	652 (7.8%)
Very dissatisfied	19 (3.3%)	252 (3.0%)
I do not know	53 (9.1%)	712 (8.5%)
Missing	15 (2.6%)	255 (3.0%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	53 (9.1%)	910 (10.9%)
Yes, from hospital staff	65 (11.2%)	544 (6.5%)
No	422 (72.6%)	6450 (77.1%)
I do not know	16 (2.8%)	107 (1.3%)
Missing	25 (4.3%)	357 (4.3%)

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

424 (77.1%)	5869 (74.5%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	245 (42.2%)	4051 (48.4%)
1/2	181 (31.2%)	1966 (23.5%)
1/4	85 (14.6%)	1005 (12.0%)
Nothing	47 (8.1%)	975 (11.7%)
Missing	23 (4.0%)	371 (4.4%)

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

Standard	390 (67.1%)	5388 (64.4%)
Smaller	36 (6.2%)	778 (9.3%)
Larger	14 (2.4%)	328 (3.9%)
I do not know	60 (10.3%)	848 (10.1%)
Missing	81 (13.9%)	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	52 (16.6%)	570 (14.4%)
I did not like the smell/taste of the food	31 (9.9%)	443 (11.2%)
The food did not fit my cultural/religious preferences	5 (1.6%)	47 (1.2%)
The food was too hot	3 (0.96%)	14 (0.35%)
The food was too cold	6 (1.9%)	86 (2.2%)
Due to food allergy/intolerance	1 (0.32%)	25 (0.63%)
I was not hungry at that time	63 (20.1%)	672 (17.0%)

I do not have my usual appetite	124 (39.6%)	1114 (28.2%)
I have problems chewing/swallowing	11 (3.5%)	225 (5.7%)
I normally eat less than what was served	58 (18.5%)	428 (10.8%)
I had nausea/vomiting	25 (8.0%)	327 (8.3%)
I was too tired	20 (6.4%)	219 (5.5%)
I cannot eat without help	7 (2.2%)	68 (1.7%)
I was not allowed to eat	19 (6.1%)	449 (11.4%)
I had an exam, surgery, or test and missed my meal	16 (5.1%)	234 (5.9%)
I did not get requested food	3 (0.96%)	53 (1.3%)
No answer given	13 (4.2%)	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 [1-2]	1 [0-2]
Coffee	1 [0-1]	1 [0-2]
Milk	1 [1-2]	1 [0-1]
Fruit juice	0 [0-1]	1 [0-2]
Soft drinks	0 [0-0]	0 [0-1]
Nutrition drink	0 [0-0]	0 [0-1]
Other	0 [0-0]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? 115 (21.6%) 2048 (26.7%)

19b. If yes, what did you eat?

Sweet snacks	25 (21.7%)	501 (24.5%)
Salty snacks	8 (7.0%)	273 (13.3%)
Homemade food	14 (12.2%)	302 (14.7%)
Fruits	55 (47.8%)	724 (35.4%)
Dairy products	7 (6.1%)	212 (10.4%)
Food delivered/restaurant	5 (4.3%)	84 (4.1%)
Sandwich	5 (4.3%)	139 (6.8%)
Other	35 (30.4%)	400 (19.5%)

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

Increased	81 (13.9%)	1138 (13.6%)
Decreased	182 (31.3%)	2694 (32.2%)
Stayed the same	252 (43.4%)	3504 (41.9%)
I do not know	43 (7.4%)	582 (7.0%)
Missing	23 (4.0%)	450 (5.4%)

21. TODAY I feel...

Stronger than at admission	341 (58.7%)	3635 (43.4%)
Weaker than at admission	75 (12.9%)	1458 (17.4%)
Same as at admission	107 (18.4%)	2363 (28.2%)

I was admitted today	11 (1.9%)	236 (2.8%)
I do not know	35 (6.0%)	454 (5.4%)
Missing	12 (2.1%)	222 (2.7%)

22. Can you walk without assistance TODAY?

Yes	329 (56.6%)	4925 (58.9%)
No, only with assistance	152 (26.2%)	2067 (24.7%)
No, I stay in bed	72 (12.4%)	929 (11.1%)
Missing	28 (4.8%)	447 (5.3%)

23. Did anyone help you complete this questionnaire?	482 (84.9%)	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:	6 units (100%) YES	109 units (96%) YES
Nutritional treatment of cancer patients is part of overall care plan	5 units (83%) YES	95 units (84%) YES
Nutritional treatment is considered...		
Routinely	5 (83,3%)	56 (49.6%)
When patient asks	1 (16,7%)	29 (25.7%)
When body weight loss > 10%	1 (16,7%)	39 (34.5%)
During palliative phase	1 (16,7%)	33 (29.2%)
Other	-	6 (5.31%)
Missing	1 (16,7%)	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	1 (16,7%)	4 (3.54%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	4 (66,7%)	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	-	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	2 (33,3%)	75 (66.4%)
At chemotherapy	1 (16,7%)	12 (10.6%)
When necessary	3 (50,0%)	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	2 (33,3%)	40 (35.4%)
Never	3 (50,0%)	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	4 (66,7%)	70 (61.9%)
Unknown	1 (16,7%)	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	2 (33,3%)	40 (35.4%)
Unknown	3 (50,0%)	19 (16.8%)
Missing	1 (16,7%)	37 (32.7%)

Body function:

Handgrip

Regularly	-	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	1 (16,7%)	36 (31.9%)
Never	4 (66,7%)	60 (53.1%)
Unknown	1 (16,7%)	4 (3.54%)
Missing	-	6 (5.31%)

6-minutes walking test

Regularly	-	3 (2.65%)
At chemotherapy	-	-
When necessary	1 (16,7%)	32 (28.3%)
Never	4 (66,7%)	66 (58.4%)
Unknown	1 (16,7%)	5 (4.42%)
Missing	-	7 (6.19%)

Other (body function)

Regularly	1 (16,7%)	4 (3.54%)
At chemotherapy	-	-
When necessary	-	22 (19.5%)
Never	2 (33,3%)	45 (39.8%)
Unknown	3 (50,0%)	15 (13.3%)
Missing	-	27 (23.9%)

Nutritional requirements, calculated

Regularly	2 (33,3%)	32 (28.3%)
At chemotherapy	-	-
When necessary	2 (33,3%)	64 (56.6%)
Never	1 (16,7%)	5 (4.42%)
Unknown	-	-
Missing	1 (16,7%)	12 (10.6%)

Nutritional intake:

Every meal

Regularly	2 (33,3%)	31 (27.4%)
At chemotherapy	-	1 (0.88%)
When necessary	4 (66,7%)	49 (43.4%)

Never	-	13 (11.5%)
Unknown	-	6 (5.31%)
Missing	-	13 (11.5%)
1 meal per day		
Regularly	-	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	3 (50,0%)	34 (30.1%)
Never	-	19 (16.8%)
Unknown	-	9 (7.96%)
Missing	3 (50,0%)	38 (33.6%)
2 meals per day		
Regularly	1 (16,7%)	12 (10.6%)
At chemotherapy	-	-
When necessary	3 (50,0%)	33 (29.2%)
Never	-	20 (17.7%)
Unknown	-	9 (7.96%)
Missing	2 (33,3%)	39 (34.5%)
24h recall		
Regularly	2 (33,3%)	27 (23.9%)
At chemotherapy	-	2 (1.77%)
When necessary	2 (33,3%)	40 (35.4%)
Never	-	12 (10.6%)
Unknown	-	7 (6.19%)
Missing	2 (33,3%)	25 (22.1%)
Other (nutritional intake)		
Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	1 (16,7%)	16 (14.2%)
Never	-	22 (19.5%)
Unknown	1 (16,7%)	17 (15.0%)
Missing	4 (66,7%)	56 (49.6%)
Questionnaire completed by		
Dietitian	3 (50,0%)	40 (35.4%)
Nurse	2 (33,3%)	29 (25.7%)
Physician	1 (16,7%)	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:	37	959
Demographic data:		
Age (years)	69 [40-92]	66 [18-96]
Female gender	10 (27,0%)	378 (39.4%)
Weight (kg)	67,2 ± 13,9	65.1 ± 16.5
Height (cm)	166,6 ± 8,9	165.9 ± 9.9
BMI (kg/m2)	24,1 ± 4,2	23.7 ± 4.7
Outpatient (o)/Ward (w)		
Outpatient(o)	1 (2,70%)	63 (6.57%)
Ward (w)	36 (97,3%)	892 (93.0%)
Missing	-	4 (0.42%)
Goal of Therapy		
Curative	18 (48,6%)	554 (57.8%)
Palliative	17 (45,9%)	343 (35.8%)
Terminal	1 (2,70%)	37 (3.86%)
Missing	1 (2,70%)	25 (2.61%)
Reason for admission		
Clinical diagnostics	4 (10,8%)	104 (10.8%)
Therapy	12 (32,4%)	469 (48.9%)
Surgery related	-	200 (20.9%)
Treatment complications	20 (54,1%)	119 (12.4%)
Poor health status	1 (2,70%)	118 (12.3%)
Independent care difficult	-	6 (0.63%)
Missing	-	-
Present cancer diagnosis		
Breast	3 (8,11%)	51 (5.32%)
Colon, rectum	2 (5,41%)	163 (17.0%)
Prostate	4 (10,8%)	29 (3.02%)
Lung	9 (24,3%)	75 (7.82%)
Skin	-	4 (0.42%)
Kidney/bladder	4 (10,8%)	30 (3.13%)
Gastric/oesophageal	3 (8,11%)	144 (15.0%)
Pancreas	5 (13,5%)	63 (6.57%)
Lymphoma	1 (2,70%)	94 (9.80%)
Ears nose throat (ENT)	2 (5,41%)	41 (4.28%)
Leukaemia	1 (2,70%)	74 (7.72%)
Genital tract	-	32 (3.34%)

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

Time since diagnosis

0-2 months	11 (29,7%)	344 (35.9%)
3-5 months	9 (24,3%)	159 (16.6%)
6-12 months	8 (21,6%)	152 (15.8%)
1-2 years	2 (5,41%)	118 (12.3%)
2-4 years	4 (10,8%)	77 (8.03%)
> 4 years	3 (8,11%)	87 (9.07%)
Missing	-	19 (1.98%)

Cancer staging

0=Carcinoma in situ	3 (8,11%)	35 (3.65%)
I=Localized	4 (10,8%)	202 (21.1%)
II=Early locally advanced	5 (13,5%)	159 (16.6%)
III=Late locally advanced	7 (18,9%)	168 (17.5%)
IV=Metastasised	15 (40,5%)	287 (29.9%)
Missing	3 (8,11%)	108 (11.3%)

Time since first therapy start

No therapy	6 (16,2%)	125 (13.0%)
Tumour staging/diagnosis	3 (8,11%)	63 (6.57%)
0-2 months	10 (27,0%)	267 (27.8%)
3-5 months	6 (16,2%)	128 (13.3%)
6-12 months	5 (13,5%)	135 (14.1%)
1-2 years	3 (8,11%)	90 (9.38%)
2-4 years	2 (5,41%)	59 (6.15%)
> 4 years	4 (10,8%)	98 (10.2%)
Missing	-	16 (1.67%)

Therapy situation

Diagnosis	9 (24,3%)	107 (11.2%)
Chemotherapy 1st line	7 (18,9%)	175 (18.2%)
Chemotherapy > 1st line	2 (5,41%)	142 (14.8%)
Radiotherapy	1 (2,70%)	67 (6.99%)
Target therapy	1 (2,70%)	30 (3.13%)
Hormone therapy	-	12 (1.25%)
Palliative	7 (18,9%)	108 (11.3%)
Surgery	1 (2,70%)	322 (33.6%)

Cancer related complications	6 (16,2%)	57 (5.94%)
Therapy related complications	2 (5,41%)	36 (3.75%)
Missing	1 (2,70%)	13 (1.36%)

Infections

None	24 (64,9%)	731 (76.2%)
Local	12 (32,4%)	136 (14.2%)
General	1 (2,70%)	70 (7.30%)
Missing	-	22 (2.29%)

Nutrition Treatment

No special diet	19 (51,4%)	453 (47.2%)
Individualized diet plan	9 (24,3%)	228 (23.8%)
Energy rich/protein rich ONS	5 (13,5%)	120 (12.5%)
Enteral nutrition (via NGT/PEG)	1 (2,70%)	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	3 (8,11%)	109 (11.4%)
Counselling	3 (8,11%)	54 (5.63%)
Other	7 (18,9%)	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:	35	951
Body weight prior to becoming ill	75 [52-97]	70 [22-180]
Actual body weight	64 [37-95]	63 [21-128]
Change in weight was		
Intentional	-	31 (3.23%)
Unintentional	22 (59,5%)	607 (63.3%)
Weight is stable	5 (13,5%)	154 (16.1%)
Missing	2 (5,41%)	30 (3.13%)
During the last week		
Patients who have had pain:		
Not at all	14 (37,8%)	329 (34.3%)
A little	7 (18,9%)	263 (27.4%)
Quite a bit	4 (10,8%)	161 (16.8%)
Very much	8 (21,6%)	107 (11.2%)
Missing	4 (10,8%)	87 (9.07%)
Patients who needed a rest:		
Not at all	8 (21,6%)	230 (24.0%)
A little	7 (18,9%)	279 (29.1%)
Quite a bit	9 (24,3%)	212 (22.1%)
Very much	9 (24,3%)	125 (13.0%)
Missing	4 (10,8%)	95 (9.91%)
Patients who felt weak:		
Not at all	6 (16,2%)	228 (23.8%)
A little	8 (21,6%)	266 (27.7%)
Quite a bit	11 (29,7%)	224 (23.4%)
Very much	8 (21,6%)	135 (14.1%)
Missing	4 (10,8%)	92 (9.59%)
Patients who felt depressed:		
Not at all	7 (18,9%)	348 (36.3%)
A little	12 (32,4%)	303 (31.6%)
Quite a bit	6 (16,2%)	125 (13.0%)
Very much	8 (21,6%)	72 (7.51%)
Missing	4 (10,8%)	89 (9.28%)
Patients who were tired:		

Not at all	5 (13,5%)	241 (25.1%)
A little	8 (21,6%)	283 (29.5%)
Quite a bit	11 (29,7%)	213 (22.2%)
Very much	9 (24,3%)	116 (12.1%)
Missing	4 (10,8%)	89 (9.28%)

Patients whose pain interfered with their daily activities:

Not at all	14 (37,8%)	373 (38.9%)
A little	5 (13,5%)	220 (22.9%)
Quite a bit	5 (13,5%)	142 (14.8%)
Very much	8 (21,6%)	110 (11.5%)
Missing	4 (10,8%)	94 (9.80%)

Patients who lacked appetite:

Not at all	12 (32,4%)	347 (36.2%)
A little	9 (24,3%)	238 (24.8%)
Quite a bit	2 (5,41%)	149 (15.5%)
Very much	10 (27,0%)	113 (11.8%)
Missing	4 (10,8%)	95 (9.91%)

Just now

Patients who have pain:

Not at all	20 (54,1%)	375 (39.1%)
A little	8 (21,6%)	304 (31.7%)
Quite a bit	2 (5,41%)	122 (12.7%)
Very much	3 (8,11%)	45 (4.69%)
Missing	4 (10,8%)	98 (10.2%)

Patients who need a rest:

Not at all	10 (27,0%)	192 (20.0%)
A little	9 (24,3%)	322 (33.6%)
Quite a bit	8 (21,6%)	230 (24.0%)
Very much	5 (13,5%)	98 (10.2%)
Missing	4 (10,8%)	96 (10.0%)

Patients who feel weak:

Not at all	12 (32,4%)	209 (21.8%)
A little	7 (18,9%)	313 (32.6%)
Quite a bit	8 (21,6%)	219 (22.8%)
Very much	3 (8,11%)	99 (10.3%)
Missing	6 (16,2%)	98 (10.2%)

Patients who are depressed:

Not at all	10 (27,0%)	375 (39.1%)
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A little	15 (40,5%)	314 (32.7%)
Quite a bit	4 (10,8%)	116 (12.1%)
Very much	4 (10,8%)	39 (4.07%)
Missing	4 (10,8%)	96 (10.0%)

Patients who are tired:

Not at all	10 (27,0%)	222 (23.1%)
A little	10 (27,0%)	343 (35.8%)
Quite a bit	6 (16,2%)	197 (20.5%)
Very much	7 (18,9%)	82 (8.55%)
Missing	4 (10,8%)	94 (9.80%)

Patients whose pain interferes with their daily activities:

Not at all	15 (40,5%)	339 (35.3%)
A little	8 (21,6%)	259 (27.0%)
Quite a bit	3 (8,11%)	154 (16.1%)
Very much	5 (13,5%)	80 (8.34%)
Missing	5 (13,5%)	100 (10.4%)

Patients who lack appetite:

Not at all	15 (40,5%)	327 (34.1%)
A little	10 (27,0%)	264 (27.5%)
Quite a bit	3 (8,11%)	157 (16.4%)
Very much	5 (13,5%)	92 (9.59%)
Missing	4 (10,8%)	99 (10.3%)

Reasons for change in appetite/food intake

Nausea/Vomiting	8 (21,6%)	154 (16.1%)
Inflammation in mouth	1 (2,70%)	55 (5.74%)
Pain	2 (5,41%)	116 (12.1%)
Constipation	1 (2,70%)	64 (6.67%)
Diarrhea	1 (2,70%)	42 (4.38%)
Change in taste/smell	2 (5,41%)	104 (10.8%)
Early satiation/Loss of appetite	6 (16,2%)	217 (22.6%)
Other	2 (5,41%)	165 (17.2%)
Missing	2 (5,41%)	45 (4.69%)

Maximum activity performed by patients

Able to do sports	-	38 (3.96%)
Fully active	2 (5,41%)	125 (13.0%)
Able to carry out light activities	3 (8,11%)	184 (19.2%)
Able to carry out self care	5 (13,5%)	215 (22.4%)
Able to carry out limited self care	8 (21,6%)	146 (15.2%)
Confined to bed or chair	15 (40,5%)	142 (14.8%)

Missing	4 (10,8%)	96 (10.0%)
Patient takes additional (without prescription)		
Nothing	23 (62,2%)	611 (63.7%)
Herbal tea	3 (8,11%)	75 (7.82%)
Nutritional supplements	-	61 (6.36%)
Multivitamin	4 (10,8%)	37 (3.86%)
Other medication	1 (2,70%)	44 (4.59%)
Other	2 (5,41%)	49 (5.11%)
Missing	6 (16,2%)	116 (12.1%)
Additional activities performed		
Nothing	31 (83,8%)	710 (74.0%)
Psychotherapy	-	17 (1.77%)
Yoga	-	9 (0.94%)
Meditation	-	21 (2.19%)
Progressive muscle relaxation	-	14 (1.46%)
Qigong	-	1 (0.10%)
Other	-	68 (7.09%)
Missing	6 (16,2%)	129 (13.5%)
Patients having difficulties in complying with treatment	15 (40,5%)	181 (18.9%)
Patients needing help to complete questionnaire	29 (78,4%)	545 (56.8%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	15 (40,5%)	549 (57.2%)