



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2018 and for your effort. We are now able to present you your country report of the following sample size:

Number of participated center:	35
Number of participated units:	67
Number of patients who gave consent:	2050
Number of patients completing Sheet 3a:	2036
Number of patients completing Sheet 3b:	2038
Number of cancer patients:	261
Number of patients completing Sheet 2_onco:	42
Number of patients completing Sheet 3_onco:	42
Number of patients with 30-day outcome assessment:	2014

This report compares your country to international reference database based on data from nutritionDay 2016 and 2017.

The report consists of 5 parts:

Part I reflects capacity and staffing of your hospital.

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

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

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

Part V is your oncology Report.

Next year’s nutritionDay will take place in November 2019. Again, we would very much appreciate your participation. You will be provided with further information on a regular basis.

Best regards from the nutritionDay-Team!

Prof. Dr. Michael Hiesmayr

Sigrid Moick, MA

1. Hospital capacity and staffing ("Hospital sheet")

	YOUR RESULTS	REFERENCE RESULTS
1. Total number of beds in hospital	240 [140-336]	317 [188-615]
2. Total number of admissions in the hospital last year	17227 [10308-27413]	17520 [8982-34767]
3. Total number of staff in the hospital		
Total medical doctors	117 [90-255]	170 [78-396]
Medical specialists	83 [43-166]	117 [54-244]
Medical non-specialists	46 [28-63]	35 [11-82]
Nurses	116 [62-396]	418 [195-800]
Dieticians	1 [0-4]	5 [2-9]
Nutritionists	4 [1-7]	1 [0-4]
Pharmacists	5 [3-8]	7 [4-22]
Kitchen staff	29 [16-45]	30 [14-55]
Full time equivalent		
Total medical doctors	128 [35-212]	139 [60-368]
Medical specialists	63 [21-210]	98 [48-245]
Medical non-specialists	49 [35-81]	34 [11-87]
Nurses	171 [53-494]	350 [187-778]
Dieticians	5 [0-6]	4 [2-8]
Nutritionists	6 [1-9]	1 [0-3]
Pharmacists	6 [4-8]	6 [3-18]
Kitchen staff	29 [15-89]	27 [14-50]
4. Does the hospital have a nutrition care strategy?	31 (93.9%) Yes	351 (78.7%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	23 (69.7%) Yes	298 (66.8%) Yes
Nutrition steering committee is available	17 (51.5%) Yes	280 (62.8%) Yes
Quality indicators are recorded and reported to national or regional level	11 (33.3%) Yes	193 (43.3%) Yes
Quality indicators are used for internal benchmarking	26 (78.8%) Yes	235 (52.7%) Yes
Patient feedback about food and food service is collected using a questionnaire	28 (84.8%) Yes	337 (75.6%) Yes
None	2 (6.1%) Yes	19 (4.3%) Yes
No answer given	-	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	24 (72.7%) Yes	216 (48.4%) Yes
Oral nutrition supplements	26 (78.8%) Yes	165 (37.0%) Yes

Parenteral nutrition	31 (93.9%)	Yes	255 (57.2%)	Yes
Enteral nutrition	31 (93.9%)	Yes	224 (50.2%)	Yes
Dietary counseling	15 (45.5%)	Yes	166 (37.2%)	Yes
Specific dietary interventions	22 (66.7%)	Yes	119 (26.7%)	Yes
Screening for malnutrition	10 (30.3%)	Yes	119 (26.7%)	Yes
Risk of malnutrition	13 (39.4%)	Yes	103 (23.1%)	Yes
Malnutrition (in general)	18 (54.5%)	Yes	203 (45.5%)	Yes
Severity of malnutrition (i.e. mild, moderate, severe)	14 (42.4%)	Yes	195 (43.7%)	Yes
No information available from billing/finance/controlling	1 (3.0%)	Yes	75 (16.8%)	Yes
No answer given	-		18 (4.0%)	

Codes routinely used

Nutrition Support	23 (69.7%)	Yes	188 (42.2%)	Yes
Oral nutrition supplements	27 (81.8%)	Yes	143 (32.1%)	Yes
Parenteral nutrition	31 (93.9%)	Yes	233 (52.2%)	Yes
Enteral nutrition	31 (93.9%)	Yes	205 (46.0%)	Yes
Dietary counseling	15 (45.5%)	Yes	140 (31.4%)	Yes
Specific dietary interventions	23 (69.7%)	Yes	105 (23.5%)	Yes
Screening for malnutrition	8 (24.2%)	Yes	95 (21.3%)	Yes
Risk of malnutrition	12 (36.4%)	Yes	80 (17.9%)	Yes
Malnutrition (in general)	17 (51.5%)	Yes	176 (39.5%)	Yes
Severity of malnutrition (i.e. mild, moderate, severe)	14 (42.4%)	Yes	169 (37.9%)	Yes
No information available from billing/finance/controlling	1 (3.0%)	Yes	81 (18.2%)	Yes
No answer given	-		29 (6.5%)	

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	24 (35.8%)	19.3%
Internal Medicine / Cardiology	-	4.5%
Internal Medicine / Gastroenterology & hepatology	-	6.3%
Internal Medicine / Geriatrics	-	7.9%
Internal Medicine / Infectious diseases	-	0.5%
Internal Medicine / Nephrology	1 (1.5%)	1.3%
Internal Medicine / Oncology (incl. radiotherapy)	2 (3.0%)	7.2%
Interdisciplinary	10 (14.9%)	3.3%
Long term care	-	2.0%
Neurology	1 (1.5%)	3.6%
Surgery / General	16 (23.9%)	13.5%
Surgery/ Cardiac/Vascular/Thoracic	-	2.1%
Surgery / Neurosurgery	-	1.0%
Surgery / Orthopedic	-	4.2%
Trauma	-	1.4%
Ear Nose Throat (ENT)	-	1.8%
Gynecology / Obstetrics	-	1.6%
Pediatrics	-	1.3%
Psychiatry	-	0.9%
Others	13 (19.4%)	16.1%
2. Number of registered inpatients at noon	50 [33-78]	24 [18-31]
3. Total bed capacity of the unit	65 [48-140]	30 [24-38]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	5 [2-10]	3 [2-7]
Nurses	4 [3-10]	5 [3-8]
Nursing aides	9 [5-20]	2 [1-3]
Dieticians	0 [0-1]	1 [0-1]
Nutritionists	1 [1-2]	0 [0-1]
Administrative staff	3 [2-5]	1 [0-1]
Other staff involved in patient care	1 [0-3]	1 [0-2]
In training		
Medical doctors	3 [1-7]	1 [0-3]
Medical students	6 [4-17]	0 [0-2]
Nurses	2 [1-3]	1 [0-3]

Nursing aides	2 [1-5]	0 [0-0]
Dieticians	1 [0-2]	0 [0-0]
Nutritionists	1 [0-2]	0 [0-0]
Other staff involved in patient care	0 [0-1]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 38 (69.1%) Yes 705 (76.4%) Yes

6. Does the unit have a nutrition care strategy? 52 (94.5%) Yes 678 (73.5%) Yes

7. Is there a person in your unit responsible for nutrition care? 52 (94.5%) Yes 644 (69.8%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 54 (98.2%) Yes 831 (90.0%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 23 (41.8%) Yes 575 (62.3%) Yes

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

At admission

No routine screening	6 (9.0%) Yes	85 (8.8%) Yes
No fixed criteria	2 (3.0%) Yes	14 (1.4%) Yes
Experience / visual assessment only	-	77 (7.9%) Yes
Weighing / BMI only	9 (13.4%) Yes	141 (14.5%) Yes
Nutritional Risk Screening (NRS) 2002	8 (11.9%) Yes	309 (31.9%) Yes
Malnutrition Universal Screening Tool (MUST)	7 (10.4%) Yes	59 (6.1%) Yes
Malnutrition Screening tool (MST)	16 (23.9%) Yes	70 (7.2%) Yes
SNAQ	-	11 (1.1%) Yes
Other formal tool	7 (10.4%) Yes	148 (15.3%) Yes
I do not know	-	9 (0.93%) Yes
Missing	12 (17.9%)	47 (4.8%)

During hospital stay

No routine monitoring	15 (22.4%) Yes	88 (9.1%) Yes
No fixed criteria	3 (4.5%) Yes	77 (7.9%) Yes
Experience / visual assessment only	2 (3.0%) Yes	174 (17.9%) Yes
Weighing / BMI only	5 (7.5%) Yes	313 (32.3%) Yes
Other formal tool	24 (35.8%) Yes	251 (25.9%) Yes
I do not know	6 (9.0%) Yes	20 (2.1%) Yes
Missing	12 (17.9%)	47 (4.8%)

11a. Do you routinely use guidelines or standards for nutrition care? 54 (100%) Yes 724 (80.0%) Yes

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

International guidelines	6 (11.1%) Yes	186 (25.7%) Yes
National guidelines	8 (14.8%) Yes	105 (14.5%) Yes
Standards on hospital level	37 (68.5%) Yes	249 (34.4%) Yes
Standards on unit level	-	51 (7.0%) Yes
Individual patient nutrition care plans	2 (3.7%) Yes	116 (16.0%) Yes
Other	1 (1.9%) Yes	7 (0.97%) Yes
Missing	-	10 (1.4%)

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

Watchful waiting	22 (32.8%) Yes	281 (29.0%) Yes
Discuss nutrition care activities during ward rounds	29 (43.3%) Yes	430 (44.3%) Yes
Develop an individual nutrition care plan	40 (59.7%) Yes	509 (52.5%) Yes
Initiate treatment / nutrition intervention	40 (59.7%) Yes	582 (60.0%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	33 (49.3%) Yes	592 (61.0%) Yes
Consult a medical professional	7 (10.4%) Yes	383 (39.5%) Yes
Calculate energy requirements	41 (61.2%) Yes	479 (49.4%) Yes
Calculate protein requirements	41 (61.2%) Yes	466 (48.0%) Yes

Malnourished

Watchful waiting	22 (32.8%) Yes	196 (20.2%) Yes
Discuss nutrition care activities during ward rounds	34 (50.7%) Yes	462 (47.6%) Yes
Develop an individual nutrition care plan	44 (65.7%) Yes	541 (55.8%) Yes
Initiate treatment / nutrition intervention	43 (64.2%) Yes	624 (64.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	35 (52.2%) Yes	581 (59.9%) Yes
Consult a medical professional	16 (23.9%) Yes	411 (42.4%) Yes
Calculate energy requirements	44 (65.7%) Yes	537 (55.4%) Yes
Calculate protein requirements	45 (67.2%) Yes	522 (53.8%) Yes

Every patient

Watchful waiting	29 (43.3%) Yes	483 (49.8%) Yes
Discuss nutrition care activities during ward rounds	15 (22.4%) Yes	258 (26.6%) Yes
Develop an individual nutrition care plan	6 (9.0%) Yes	184 (19.0%) Yes
Initiate treatment / nutrition intervention	8 (11.9%) Yes	135 (13.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	17 (25.4%) Yes	185 (19.1%) Yes
Consult a medical professional	28 (41.8%) Yes	209 (21.5%) Yes
Calculate energy requirements	5 (7.5%) Yes	123 (12.7%) Yes
Calculate protein requirements	4 (6.0%) Yes	113 (11.6%) Yes

Never

Watchful waiting	-	76 (7.8%) Yes
Discuss nutrition care activities during ward rounds	-	62 (6.4%) Yes

Develop an individual nutrition care plan	-	50 (5.2%) Yes
Initiate treatment / nutrition intervention	-	13 (1.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	16 (1.6%) Yes
Consult a medical professional	5 (7.5%) Yes	106 (10.9%) Yes
Calculate energy requirements	-	103 (10.6%) Yes
Calculate protein requirements	-	124 (12.8%) Yes

I do not know

Watchful waiting	1 (1.5%) Yes	51 (5.3%) Yes
Discuss nutrition care activities during ward rounds	2 (3.0%) Yes	40 (4.1%) Yes
Develop an individual nutrition care plan	-	22 (2.3%) Yes
Initiate treatment / nutrition intervention	-	22 (2.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (1.5%) Yes	18 (1.9%) Yes
Consult a medical professional	4 (6.0%) Yes	51 (5.3%) Yes
Calculate energy requirements	-	40 (4.1%) Yes
Calculate protein requirements	-	42 (4.3%) Yes

13. When do you routinely weigh your patients?

at admission	37 (55.2%) Yes	625 (64.4%) Yes
Within 24 hours	10 (14.9%) Yes	142 (14.6%) Yes
Within 48 hours	6 (9.0%) Yes	54 (5.6%) Yes
Within 72 hours	2 (3.0%) Yes	27 (2.8%) Yes
Every week	24 (35.8%) Yes	393 (40.5%) Yes
Occasionally	4 (6.0%) Yes	109 (11.2%) Yes
When requested	26 (38.8%) Yes	483 (49.8%) Yes
At discharge	4 (6.0%) Yes	52 (5.4%) Yes
Never	-	13 (1.3%) Yes
I do not know	-	4 (0.41%) Yes
No answer given	10 (41.7%)	50 (5.2%)

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

Offer additional meals or in between snacks	48 (71.6%) Yes	730 (75.3%) Yes
Offer meal choices	42 (62.7%) Yes	711 (73.3%) Yes
Offer different portion sizes	37 (55.2%) Yes	635 (65.5%) Yes
Consider food presentation	39 (58.2%) Yes	356 (36.7%) Yes
Change food texture/consistency as needed	50 (74.6%) Yes	797 (82.2%) Yes
Consider patient problems with eating and drinking	54 (80.6%) Yes	793 (81.8%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	6 (9.0%) Yes	218 (22.5%) Yes
Promote positive eating environment	16 (23.9%) Yes	281 (29.0%) Yes
Consider cultural/religious preferences	43 (64.2%) Yes	559 (57.6%) Yes
Consider patient allergies / intolerances	50 (74.6%) Yes	650 (67.0%) Yes
Other	-	74 (7.6%) Yes
I do not know	-	19 (2.0%) Yes
No answer given	12 (17.9%)	48 (4.9%)

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

Nutrition training is available	50 (74.6%) Yes	558 (57.5%) Yes
Reporting of nutrition related information to hospital managers	37 (55.2%) Yes	408 (42.1%) Yes
Quality indicators are recorded and reported to national or regional level	19 (28.4%) Yes	302 (31.1%) Yes
Quality indicators are used for internal benchmarking	40 (59.7%) Yes	358 (36.9%) Yes
Patient feedback about food and food service is collected using a questionnaire	47 (70.1%) Yes	625 (64.4%) Yes
None	-	32 (3.3%) Yes
I do not know	-	38 (3.9%) Yes
No answer given	12 (17.9%)	68 (7.0%)

16. At admission what is asked and documented?

Change in weight	47 (70.1%) Yes	775 (79.9%) Yes
Eating habits/difficulties	33 (49.3%) Yes	746 (76.9%) Yes
Nutrition before admission	23 (34.3%) Yes	592 (61.0%) Yes
None	-	15 (1.5%) Yes
I do not know	4 (6.0%) Yes	20 (2.1%) Yes
No answer given	12 (17.9%)	70 (7.2%)

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	51 (76.1%) Yes	708 (73.0%) Yes
nutrition treatment	39 (58.2%) Yes	582 (60.0%) Yes
None	-	54 (5.6%) Yes
I do not know	-	26 (2.7%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	26 (38.8%) Yes	407 (42.0%) Yes
makes future nutrition-related recommendations	49 (73.1%) Yes	572 (59.0%) Yes
None	-	110 (11.3%) Yes
I do not know	5 (7.5%) Yes	69 (7.1%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	16 (34.8%) Yes	356 (44.8%) Yes
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19. Who filled in this sheet?

Head staff	21 (31.3%) Yes	281 (29.0%) Yes
Dietician	29 (43.3%) Yes	517 (53.3%) Yes
Nurse	6 (9.0%) Yes	279 (28.8%) Yes
Physician	4 (6.0%) Yes	128 (13.2%) Yes
Administrative staff	-	8 (0.82%) Yes

Other	1 (1.5%) Yes	39 (4.0%) Yes
None	-	-
I do not know	4 (6.0%) Yes	7 (0.72%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	2050	17827
Age	63 [46-75]	67 [53-78]
Female	1046 (51.0%)	8951 (50.2%)
Weight	65.4±14.4	70.1±19.2
Height	163±9	165±10
BMI	24.7±4.9	25.5±6.0

1. This hospital admission was...

planned	272 (13.3%)	6798 (38.1%)
an emergency	1497 (73.0%)	9562 (53.6%)
I do not know	281 (13.7%)	1467 (8.2%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	265 (12.9%)	1555 (8.7%)
0200 Neoplasms	256 (12.5%)	3133 (17.6%)
0300 Blood and bloodforming organs and the immune mechanism	131 (6.4%)	1159 (6.5%)
0400 Endocrine, nutritional and metabolic diseases	311 (15.2%)	2190 (12.3%)
0500 Mental health	42 (2.0%)	851 (4.8%)
0600 Nervous system	164 (8.0%)	1636 (9.2%)
0700 Eye and adnexa	19 (0.93%)	236 (1.3%)
0800 Ear and mastoid process	8 (0.39%)	127 (0.71%)
0900 Circulatory system	443 (21.6%)	3801 (21.3%)
1000 Respiratory system	318 (15.5%)	2810 (15.8%)
1100 Digestive system	427 (20.8%)	4343 (24.4%)
1200 Skin and subcutaneous tissue	125 (6.1%)	786 (4.4%)
1300 Musculoskeletal system and connective tissue	261 (12.7%)	2703 (15.2%)
1400 Genitourinary system	255 (12.4%)	1776 (10.0%)
1500 Pregnancy, childbirth and the puerperium	33 (1.6%)	198 (1.1%)
1600 Conditions originating in the perinatal period	-	25 (0.14%)
1700 Congenital/chromosomal abnormalities	9 (0.44%)	31 (0.17%)
1800 Symptoms, signs, abnormal clinical/lab findings	41 (2.0%)	816 (4.6%)
1900 Injury, poisoning	32 (1.6%)	512 (2.9%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	88 (4.3%)	379 (2.1%)
2100 Factors influencing health status and contact with health services	26 (1.3%)	619 (3.5%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	324 (15.8%)	3518 (22.5%)
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Myocardial infarction	105 (5.1%)	823 (5.4%)
Chronic lung disease	280 (13.7%)	2299 (14.8%)
Cerebral vascular disease	144 (7.0%)	1523 (9.9%)
Peripheral vascular disease	146 (7.1%)	1931 (12.6%)
Chronic liver disease	50 (2.4%)	992 (6.5%)
Chronic kidney disease	216 (10.6%)	1734 (11.3%)
Diabetes	421 (20.6%)	3888 (24.9%)
Cancer	261 (12.8%)	3763 (24.2%)
Infection	345 (16.8%)	2245 (14.5%)
Dementia	51 (2.5%)	798 (5.2%)
Major depressive disorder	41 (2.0%)	853 (5.6%)
Other chronic mental disorder	42 (2.1%)	815 (5.4%)
Other chronic disease	578 (28.2%)	4031 (25.9%)
None	423 (20.6%)	3008 (16.9%)

4a. Previous operation during this hospital stay

Yes, planned	418 (20.4%)	3584 (20.1%)
Yes, acute	183 (8.9%)	1077 (6.0%)
No	1408 (68.7%)	12545 (70.4%)
I do not know	29 (1.4%)	230 (1.3%)
Missing	12 (0.59%)	391 (2.2%)

Days since operation	4 [1-28]	3 [1-11]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	428 (20.9%)	1266 (7.1%)
Yes, later	165 (8.0%)	953 (5.3%)
No	1408 (68.7%)	13798 (77.4%)
I do not know	33 (1.6%)	833 (4.7%)
Missing	16 (0.78%)	977 (5.5%)

5. Previous ICU admission during this hospital stay? (Yes)	342 (16.7%)	1781 (10.0%)
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6. Is this patient terminally ill?	178 (8.7%)	1122 (6.3%)
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7. Fluid status

Normal	1784 (87.0%)	13668 (76.7%)
Overloaded	45 (2.2%)	1008 (5.7%)
Dehydrated	67 (3.3%)	878 (4.9%)
I do not know	154 (7.5%)	2273 (12.8%)
Missing	-	-

8. Number of different medications planned

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

Malnourished	234 (11.4%)	2050 (11.5%)
At risk	324 (15.8%)	3162 (17.7%)
No	1395 (68.0%)	11117 (62.4%)
I do not know	97 (4.7%)	1498 (8.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	1214 (59.2%)	6470 (36.3%)
5% Glucose solution	64 (3.1%)	1853 (10.4%)

11. Number of ONS drinks planned	0 [0-0]	0 [0-0]
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12. Nutrition intake

Regular hospital food	910 (44.4%)	10454 (58.6%)
Fortified/enriched hospital food	104 (5.1%)	1962 (11.0%)
Protein/energy supplement (e.g. ONS drinks)	203 (9.9%)	2469 (13.8%)
Enteral nutrition	109 (5.3%)	882 (4.9%)
Parenteral nutrition	45 (2.2%)	929 (5.2%)
Special diet	955 (46.6%)	5732 (32.2%)
None	61 (3.0%)	895 (5.0%)

13a. All lines and Tubes

Central Venous	194 (9.5%)	1535 (8.6%)
Peripheral venous access	1396 (68.1%)	8238 (46.2%)
Nasogastric	73 (3.6%)	462 (2.6%)
Nasojejunal	18 (0.88%)	79 (0.44%)
Nasoduodenal	3 (0.15%)	67 (0.38%)
Enterostoma	6 (0.29%)	82 (0.46%)
Percutaneous endoscopy/surgical gastrostomy	26 (1.3%)	137 (0.77%)
Percutaneous endoscopy/surgical jejunostomy	6 (0.29%)	63 (0.35%)
None	468 (22.8%)	8032 (45.1%)

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

Yes, previously	27 (1.3%)	247 (1.4%)
Yes, ongoing	19 (0.93%)	173 (0.97%)
No	1814 (88.5%)	14548 (81.6%)
I do not know	176 (8.6%)	1646 (9.2%)
Missing	14 (0.68%)	1213 (6.8%)

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

Energy requirements were determined	953 (46.5%)	6273 (35.2%)
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Protein requirements were determined	931 (45.4%)	5516 (30.9%)
Food/Nutrition intake was recorded in the patient record	910 (44.4%)	7653 (42.9%)
Nutrition treatment plan was developed	928 (45.3%)	6036 (33.9%)
Nutrition expert was consulted	968 (47.2%)	6237 (35.0%)
Malnutrition status is recorded in the patient record	786 (38.3%)	5297 (29.7%)
None	-	-

15a. Energy goal

< 500 kcal	86 (4.2%)	749 (4.2%)
500-999 kcal	6 (0.29%)	194 (1.1%)
1000-1499 kcal	137 (6.7%)	1695 (9.5%)
1500-1999 kcal	749 (36.5%)	5578 (31.3%)
>=2000 kcal	27 (1.3%)	1992 (11.2%)
Not determined	776 (37.9%)	6066 (34.0%)
I do not know	269 (13.1%)	1515 (8.5%)
Missing	-	38 (0.21%)

15b. Energy intake

< 500 kcal	109 (5.3%)	1264 (7.1%)
500-999 kcal	67 (3.3%)	900 (5.0%)
1000-1499 kcal	196 (9.6%)	2387 (13.4%)
1500-1999 kcal	556 (27.1%)	3954 (22.2%)
>=2000 kcal	11 (0.54%)	1047 (5.9%)
Not determined	856 (41.8%)	6021 (33.8%)
I do not know	255 (12.4%)	2199 (12.3%)
Missing	-	55 (0.31%)

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

Improved	1501 (73.2%)	8831 (49.5%)
Deteriorated	115 (5.6%)	1039 (5.8%)
Remained the same	342 (16.7%)	4935 (27.7%)
This patient has just been admitted	31 (1.5%)	1248 (7.0%)
I do not know	61 (3.0%)	1774 (10.0%)
Missing	-	-

Length of hospital stay (days)	13 [7-24]	12 [6-24]
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Outcome Code

1= Still in the hospital	164 (8.0%)	1702 (9.5%)
2= Transferred to another hospital	35 (1.7%)	419 (2.4%)
3= Transferred to long term care	20 (0.98%)	780 (4.4%)
4= Rehabilitation	18 (0.88%)	785 (4.4%)
5= Discharged home	1648 (80.4%)	13163 (73.8%)
6= Death	76 (3.7%)	535 (3.0%)

7= Others	53 (2.6%)	310 (1.7%)
Missing	36 (1.8%)	133 (0.75%)
Readmitted since ND		
1= No	1468 (81.7%)	11846 (75.5%)
2= Yes, same hospital planned	56 (3.1%)	1043 (6.7%)
3= Yes, same hospital unplanned	104 (5.8%)	889 (5.7%)
4= Yes, different hospital planned	8 (0.45%)	68 (0.43%)
5= Yes, different hospital unplanned	8 (0.45%)	68 (0.43%)
6= Unknown	-	646 (4.1%)
Missing	157 (8.7%)	1059 (6.8%)

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

	<i>YOUR RESULTS</i>	<i>REFERENCE RESULTS</i>
1. What are your typical dietary habits?		
No special dietary habits	1161 (57.0%)	12235 (71.0%)
I am vegetarian	11 (0.54%)	370 (2.1%)
I adhere to a vegan diet	12 (0.59%)	132 (0.77%)
I eat gluten-free diet	38 (1.9%)	156 (0.91%)
I avoid added sugars	590 (29.0%)	2604 (15.1%)
I avoid carbohydrates	252 (12.4%)	1038 (6.0%)
I eat a low fat-diet	476 (23.4%)	1930 (11.2%)
I am lactose intolerant	238 (11.7%)	572 (3.3%)
Other special diet due to intolerances/allergies	56 (2.8%)	323 (1.9%)
Other	195 (9.6%)	1219 (7.1%)
No answer given	25 (1.2%)	337 (2.0%)
2. Where did you live before your current hospital admission?		
At home	1778 (87.3%)	15276 (88.7%)
In a nursing home or other live-in facility	22 (1.1%)	609 (3.5%)
I was transferred from another hospital	198 (9.7%)	883 (5.1%)
Other	31 (1.5%)	268 (1.6%)
Missing	7 (0.34%)	185 (1.1%)
3. In general, are you able to walk?		
Yes	1276 (62.7%)	11104 (64.5%)
Yes, with someone's help	342 (16.8%)	1762 (10.2%)
Yes, independently using a cane, walker, or crutches	169 (8.3%)	2412 (14.0%)
No, I have a wheelchair	45 (2.2%)	712 (4.1%)
No, I am bedridden	195 (9.6%)	988 (5.7%)
Missing	9 (0.44%)	243 (1.4%)
4. In general, how would you say your health is?		
Very good	204 (10.0%)	1252 (7.3%)
Good	880 (43.2%)	6191 (36.0%)
Fair	793 (38.9%)	6489 (37.7%)
Poor	115 (5.6%)	2490 (14.5%)
Very poor	32 (1.6%)	558 (3.2%)
Missing	12 (0.59%)	241 (1.4%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	4 [2-10]	5 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [1-3]	1 [0-2]
... how many nights in total have you spent in hospital?	6 [2-15]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	563 (27.7%)	3323 (19.3%)
3-5	545 (26.8%)	4698 (27.3%)
More than 5	437 (21.5%)	5507 (32.0%)
None	458 (22.5%)	2633 (15.3%)
I do not know	26 (1.3%)	778 (4.5%)
Missing	7 (0.34%)	282 (1.6%)

7. Do you have health insurance?		
Yes, private insurance only	527 (25.9%)	2738 (15.9%)
Yes, public insurance only	1109 (54.5%)	8466 (49.2%)
Yes, both	249 (12.2%)	2117 (12.3%)
None	107 (5.3%)	2268 (13.2%)
I prefer not to answer	26 (1.3%)	1018 (5.9%)
Missing	18 (0.88%)	614 (3.6%)

8. What was your weight 5 years ago?		
	68 [60-78]	72 [60-85]
I do not know	534 (26.2%)	4280 (24.9%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	159 (7.8%)	1639 (9.5%)
Yes, unintentionally	985 (48.4%)	6488 (37.7%)
No, my weight stayed the same	480 (23.6%)	5108 (29.7%)
No, I gained weight	254 (12.5%)	1894 (11.0%)
I do not know	133 (6.5%)	1680 (9.8%)
Missing	25 (1.2%)	412 (2.4%)

9b. If yes, how many kg did you lose?		
	6 [4-10]	6 [4-10]
I do not know	180 (15.7%)	1267 (15.6%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	613 (31.0%)	6721 (41.1%)

11. Please indicate if you ...		
... were weighed at admission	992 (48.8%)	9728 (57.2%)
... were informed about your nutrition status	674 (33.2%)	5774 (34.3%)
... were informed about nutrition care options	526 (25.9%)	5459 (32.5%)
... received special nutrition care	681 (33.6%)	5054 (30.1%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	118 (5.8%)	762 (4.5%)
Normal	1254 (61.5%)	10449 (61.1%)
About 3/4 of normal	189 (9.3%)	1762 (10.3%)
About half of normal	260 (12.8%)	2122 (12.4%)

About a quarter to nearly nothing	192 (9.4%)	1571 (9.2%)
I do not know	1 (0.05%)	153 (0.89%)
Missing	24 (1.2%)	286 (1.7%)

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

Very satisfied	783 (38.4%)	4212 (24.6%)
Somewhat satisfied	552 (27.1%)	5626 (32.9%)
Neutral	363 (17.8%)	3361 (19.6%)
Dissatisfied	143 (7.0%)	1441 (8.4%)
Very dissatisfied	57 (2.8%)	491 (2.9%)
I do not know	99 (4.9%)	1415 (8.3%)
Missing	41 (2.0%)	559 (3.3%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	401 (19.7%)	1651 (9.7%)
Yes, from hospital staff	48 (2.4%)	1185 (6.9%)
No	1478 (72.5%)	13278 (77.6%)
I do not know	13 (0.64%)	218 (1.3%)
Missing	98 (4.8%)	773 (4.5%)

15. Were you able to eat without interruption TODAY? (Yes)	1470 (75.6%)	11891 (74.2%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	1136 (55.7%)	7871 (46.0%)
1/2	419 (20.6%)	4261 (24.9%)
1/4	201 (9.9%)	2226 (13.0%)
Nothing	189 (9.3%)	1992 (11.6%)
Missing	93 (4.6%)	755 (4.4%)

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

Standard	1438 (70.6%)	11000 (64.3%)
Smaller	159 (7.8%)	1600 (9.4%)
Larger	80 (3.9%)	763 (4.5%)
I do not know	151 (7.4%)	1701 (9.9%)
Missing	210 (10.3%)	2041 (11.9%)

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

I did not like the type of food offered	114 (14.1%)	1293 (15.2%)
I did not like the smell/taste of the food	93 (11.5%)	996 (11.7%)
The food did not fit my cultural/religious preferences	26 (3.2%)	90 (1.1%)
The food was too hot	2 (0.25%)	38 (0.45%)
The food was too cold	27 (3.3%)	207 (2.4%)
Due to food allergy/intolerance	23 (2.8%)	53 (0.63%)
I was not hungry at that time	71 (8.8%)	1520 (17.9%)

I do not have my usual appetite	258 (31.9%)	2475 (29.2%)
I have problems chewing/swallowing	58 (7.2%)	478 (5.6%)
I normally eat less than what was served	74 (9.1%)	969 (11.4%)
I had nausea/vomiting	91 (11.2%)	637 (7.5%)
I was too tired	36 (4.4%)	506 (6.0%)
I cannot eat without help	22 (2.7%)	141 (1.7%)
I was not allowed to eat	51 (6.3%)	869 (10.2%)
I had an exam, surgery, or test and missed my meal	80 (9.9%)	469 (5.5%)
I did not get requested food	11 (1.4%)	93 (1.1%)
No answer given	108 (13.3%)	1161 (13.7%)

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

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

19a. Did you eat any food apart from hospital food TODAY?	514 (26.8%)	4518 (28.8%)
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19b. If yes, what did you eat?

Sweet snacks	103 (20.0%)	1302 (28.8%)
Salty snacks	68 (13.2%)	512 (11.3%)
Homemade food	55 (10.7%)	703 (15.6%)
Fruits	189 (36.8%)	1730 (38.3%)
Dairy products	53 (10.3%)	471 (10.4%)
Food delivered/restaurant	20 (3.9%)	191 (4.2%)
Sandwich	17 (3.3%)	282 (6.2%)
Other	149 (29.0%)	724 (16.0%)

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

Increased	351 (17.2%)	2508 (14.7%)
Decreased	787 (38.6%)	5344 (31.2%)
Stayed the same	771 (37.8%)	7154 (41.8%)
I do not know	80 (3.9%)	1188 (6.9%)
Missing	49 (2.4%)	911 (5.3%)

21. TODAY I feel...

Stronger than at admission	1144 (56.1%)	7275 (42.5%)
Weaker than at admission	418 (20.5%)	3158 (18.5%)
Same as at admission	409 (20.1%)	4825 (28.2%)

I was admitted today	6 (0.29%)	465 (2.7%)
I do not know	39 (1.9%)	926 (5.4%)
Missing	22 (1.1%)	456 (2.7%)

22. Can you walk without assistance TODAY?

Yes	1098 (53.9%)	10229 (59.8%)
No, only with assistance	489 (24.0%)	4164 (24.3%)
No, I stay in bed	296 (14.5%)	1821 (10.6%)
Missing	155 (7.6%)	891 (5.2%)

23. Did anyone help you complete this questionnaire?	1721 (85.1%)	10837 (65.0%)
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V. Oncology: Unit organisation and structures ("Sheet 1 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	3	255
Computerized system in hospital:	3 units (100%) YES	243 units (95%) YES
Nutritional treatment of cancer patients is part of overall care plan	3 units (100%) YES	225 units (88%) YES
Nutritional treatment is considered...		
Routinely	3 (100%)	153 (60,0%)
When patient asks	1 (33,3%)	62 (24,3%)
When body weight loss > 10%	1 (33,3%)	72 (28,2%)
During palliative phase	1 (33,3%)	62 (24,3%)
Other	-	14 (5,49%)
Missing	-	26 (10,2%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	-	10 (3,92%)
No knowledge of the field	-	9 (3,53%)
No reimbursement	-	8 (3,14%)
It feeds the tumour	-	2 (0,78%)
Other	-	9 (3,53%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	3 (100%)	166 (65,1%)
Calculation of energy needs	1 (33,3%)	181 (71,0%)
Monitoring patients intake and use of oral supplements	2 (66,7%)	219 (85,9%)
None	-	7 (2,75%)
Other	-	12 (4,71%)
Missing	-	5 (1,96%)
Nutritional therapy is not used due to		
Lack of evidence	-	3 (1,18%)
Lack of experience	-	7 (2,75%)
No reimbursement	-	3 (1,18%)
Lack of dietitians	-	12 (4,71%)
Lack of other experts	-	3 (1,18%)
Other	-	5 (1,96%)
Missing	-	1 (0,39%)

Assessment of parameters in cancer patients & methods used:

Anthropometry/Body composition:

Body weight

Regularly	2 (66,7%)	175 (68,6%)
At chemotherapy	-	34 (13,3%)
When necessary	1 (33,3%)	36 (14,1%)
Never	-	4 (1,57%)
Unknown	-	3 (1,18%)
Missing	-	3 (1,18%)

Anthropometrics (circumference)

Regularly	-	33 (12,9%)
At chemotherapy	-	6 (2,35%)
When necessary	3 (100%)	95 (37,3%)
Never	-	106 (41,6%)
Unknown	-	5 (1,96%)
Missing	-	10 (3,92%)

BIA

Regularly	-	8 (3,14%)
At chemotherapy	-	3 (1,18%)
When necessary	-	68 (26,7%)
Never	3 (100%)	156 (61,2%)
Unknown	-	9 (3,53%)
Missing	-	11 (4,31%)

CT SCAN

Regularly	-	12 (4,71%)
At chemotherapy	-	2 (0,78%)
When necessary	1 (33,3%)	71 (27,8%)
Never	2 (66,7%)	149 (58,4%)
Unknown	-	11 (4,31%)
Missing	-	10 (3,92%)

DEXA

Regularly	-	3 (1,18%)
At chemotherapy	-	2 (0,78%)
When necessary	1 (33,3%)	44 (17,3%)
Never	2 (66,7%)	175 (68,6%)
Unknown	-	17 (6,67%)
Missing	-	14 (5,49%)

Other (body composition)

Regularly	-	5 (1,96%)
At chemotherapy	-	1 (0,39%)
When necessary	-	34 (13,3%)

Never	-	84 (32,9%)
Unknown	-	39 (15,3%)
Missing	3 (100%)	92 (36,1%)

Body function:

Handgrip

Regularly	-	12 (4,71%)
At chemotherapy	-	6 (2,35%)
When necessary	1 (33,3%)	77 (30,2%)
Never	2 (66,7%)	136 (53,3%)
Unknown	-	10 (3,92%)
Missing	-	14 (5,49%)

6-minutes walking test

Regularly	-	7 (2,75%)
At chemotherapy	-	4 (1,57%)
When necessary	-	65 (25,5%)
Never	3 (100%)	149 (58,4%)
Unknown	-	12 (4,71%)
Missing	-	18 (7,06%)

Other (body function)

Regularly	-	11 (4,31%)
At chemotherapy	-	1 (0,39%)
When necessary	-	44 (17,3%)
Never	1 (33,3%)	99 (38,8%)
Unknown	-	36 (14,1%)
Missing	2 (66,7%)	64 (25,1%)

Nutritional requirements, calculated

Regularly	2 (66,7%)	78 (30,6%)
At chemotherapy	-	1 (0,39%)
When necessary	1 (33,3%)	127 (49,8%)
Never	-	14 (5,49%)
Unknown	-	3 (1,18%)
Missing	-	32 (12,5%)

Nutritional intake:

Every meal

Regularly	-	73 (28,6%)
At chemotherapy	-	2 (0,78%)
When necessary	1 (33,3%)	107 (42,0%)
Never	1 (33,3%)	26 (10,2%)
Unknown	-	13 (5,10%)

Missing	1 (33,3%)	34 (13,3%)
1 meal per day		
Regularly	-	20 (7,84%)
At chemotherapy	-	2 (0,78%)
When necessary	1 (33,3%)	82 (32,2%)
Never	1 (33,3%)	49 (19,2%)
Unknown	-	17 (6,67%)
Missing	1 (33,3%)	85 (33,3%)
2 meals per day		
Regularly	-	20 (7,84%)
At chemotherapy	-	-
When necessary	1 (33,3%)	80 (31,4%)
Never	1 (33,3%)	51 (20,0%)
Unknown	-	16 (6,27%)
Missing	1 (33,3%)	88 (34,5%)
24h recall		
Regularly	2 (66,7%)	53 (20,8%)
At chemotherapy	-	6 (2,35%)
When necessary	1 (33,3%)	89 (34,9%)
Never	-	34 (13,3%)
Unknown	-	14 (5,49%)
Missing	-	59 (23,1%)
Other (nutritional intake)		
Regularly	1 (33,3%)	6 (2,35%)
At chemotherapy	-	1 (0,39%)
When necessary	-	38 (14,9%)
Never	-	49 (19,2%)
Unknown	-	37 (14,5%)
Missing	2 (66,7%)	124 (48,6%)
Questionnaire completed by		
Dietitian	-	110 (43,1%)
Nurse	-	66 (25,9%)
Physician	1 (33,3%)	59 (23,1%)
Nutritional scientist	2 (66,7%)	14 (5,49%)
Other	-	1 (0,39%)
Missing	-	5 (1,96%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	42	2506
Demographic data:		
Age (years)	55 [19-88]	65 [18-96]
Female gender	25 (59,5%)	1093 (43,6%)
Weight (kg)	58,0 ± 10,5	66,5 ± 17,5
Height (cm)	160,4 ± 8,3	166,0 ± 10,1
BMI (kg/m ²)	22,4 ± 3,4	24,0 ± 5,0
Outpatient (o)/Ward (w)		
Outpatient(o)	-	142 (5,67%)
Ward (w)	40 (95,2%)	2340 (93,4%)
Missing	2 (4,76%)	24 (0,96%)
Goal of Therapy		
Curative	25 (59,5%)	1449 (57,8%)
Palliative	10 (23,8%)	849 (33,9%)
Terminal	5 (11,9%)	122 (4,87%)
Missing	2 (4,76%)	86 (3,43%)
Reason for admission		
Clinical diagnostics	7 (16,7%)	295 (11,8%)
Therapy	17 (40,5%)	1236 (49,3%)
Surgery related	1 (2,38%)	492 (19,6%)
Treatment complications	3 (7,14%)	267 (10,7%)
Poor health status	15 (35,7%)	334 (13,3%)
Independent care difficult	1 (2,38%)	22 (0,88%)
Missing	-	-
Present cancer diagnosis		
Breast	3 (7,14%)	162 (6,46%)
Colon, rectum	3 (7,14%)	417 (16,6%)
Prostate	1 (2,38%)	65 (2,59%)
Lung	4 (9,52%)	237 (9,46%)
Skin	-	19 (0,76%)
Kidney/bladder	-	94 (3,75%)
Gastric/oesophageal	5 (11,9%)	291 (11,6%)
Pancreas	2 (4,76%)	123 (4,91%)
Lymphoma	6 (14,3%)	246 (9,82%)
Ears nose throat (ENT)	-	109 (4,35%)
Leukaemia	7 (16,7%)	205 (8,18%)
Genital tract	-	107 (4,27%)

Liver	-	189 (7,54%)
Sarcoma	-	27 (1,08%)
Brain	3 (7,14%)	37 (1,48%)
Testicular	1 (2,38%)	9 (0,36%)
Other	6 (14,3%)	229 (9,14%)
Missing	2 (4,76%)	51 (2,04%)

Time since diagnosis

0-2 months	14 (33,3%)	811 (32,4%)
3-5 months	8 (19,0%)	426 (17,0%)
6-12 months	5 (11,9%)	398 (15,9%)
1-2 years	9 (21,4%)	333 (13,3%)
2-4 years	3 (7,14%)	214 (8,54%)
> 4 years	-	208 (8,30%)
Missing	3 (7,14%)	86 (3,43%)

Cancer staging

0=Carcinoma in situ	3 (7,14%)	103 (4,11%)
I=Localized	20 (47,6%)	503 (20,1%)
II=Early locally advanced	3 (7,14%)	487 (19,4%)
III=Late locally advanced	6 (14,3%)	370 (14,8%)
IV=Metastasised	8 (19,0%)	704 (28,1%)
Missing	2 (4,76%)	339 (13,5%)

Time since first therapy start

No therapy	13 (31,0%)	238 (9,50%)
Tumour staging/diagnosis	4 (9,52%)	221 (8,82%)
0-2 months	10 (23,8%)	747 (29,8%)
3-5 months	6 (14,3%)	342 (13,6%)
6-12 months	1 (2,38%)	360 (14,4%)
1-2 years	6 (14,3%)	265 (10,6%)
2-4 years	-	166 (6,62%)
> 4 years	-	191 (7,62%)
Missing	2 (4,76%)	69 (2,75%)

Therapy situation

Diagnosis	10 (23,8%)	248 (9,90%)
Chemotherapy 1st line	8 (19,0%)	541 (21,6%)
Chemotherapy > 1st line	7 (16,7%)	420 (16,8%)
Radiotherapy	2 (4,76%)	229 (9,14%)
Target therapy	-	77 (3,07%)
Hormone therapy	-	22 (0,88%)
Palliative	8 (19,0%)	249 (9,94%)
Surgery	5 (11,9%)	681 (27,2%)

Cancer related complications	1 (2,38%)	187 (7,46%)
Therapy related complications	-	101 (4,03%)
Missing	2 (4,76%)	71 (2,83%)

Infections

None	29 (69,0%)	1857 (74,1%)
Local	9 (21,4%)	352 (14,0%)
General	2 (4,76%)	215 (8,58%)
Missing	2 (4,76%)	82 (3,27%)

Nutrition Treatment

No special diet	15 (35,7%)	1058 (42,2%)
Individualized diet plan	22 (52,4%)	709 (28,3%)
Energy rich/protein rich ONS	5 (11,9%)	443 (17,7%)
Enteral nutrition (via NGT/PEG)	1 (2,38%)	131 (5,23%)
Parenteral nutrition	-	279 (11,1%)
ONS enriched with special nutrients	-	72 (2,87%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	39 (1,56%)
Personal preferences	-	208 (8,30%)
Counselling	-	237 (9,46%)
Other	2 (4,76%)	129 (5,15%)
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:	42	2484
Body weight prior to becoming ill	65 [45-87]	70 [22-180]
Actual body weight	56 [40-74]	64 [21-175]
Change in weight was		
Intentional	-	99 (3,95%)
Unintentional	29 (69,0%)	1609 (64,2%)
Weight is stable	8 (19,0%)	389 (15,5%)
Missing	-	84 (3,35%)
During the last week		
Patients who have had pain:		
Not at all	9 (21,4%)	828 (33,0%)
A little	19 (45,2%)	711 (28,4%)
Quite a bit	7 (16,7%)	469 (18,7%)
Very much	7 (16,7%)	265 (10,6%)
Missing	-	198 (7,90%)
Patients who needed a rest:		
Not at all	9 (21,4%)	560 (22,3%)
A little	21 (50,0%)	694 (27,7%)
Quite a bit	7 (16,7%)	606 (24,2%)
Very much	5 (11,9%)	394 (15,7%)
Missing	-	212 (8,46%)
Patients who felt weak:		
Not at all	10 (23,8%)	543 (21,7%)
A little	16 (38,1%)	715 (28,5%)
Quite a bit	10 (23,8%)	605 (24,1%)
Very much	6 (14,3%)	407 (16,2%)
Missing	-	203 (8,10%)
Patients who felt depressed:		
Not at all	17 (40,5%)	900 (35,9%)
A little	13 (31,0%)	776 (31,0%)
Quite a bit	5 (11,9%)	359 (14,3%)
Very much	6 (14,3%)	208 (8,30%)
Missing	-	207 (8,26%)
Patients who were tired:		

Not at all	12 (28,6%)	558 (22,3%)
A little	17 (40,5%)	769 (30,7%)
Quite a bit	7 (16,7%)	563 (22,5%)
Very much	5 (11,9%)	376 (15,0%)
Missing	-	204 (8,14%)

Patients whose pain interfered with their daily activities:

Not at all	17 (40,5%)	953 (38,0%)
A little	12 (28,6%)	567 (22,6%)
Quite a bit	11 (26,2%)	418 (16,7%)
Very much	2 (4,76%)	300 (12,0%)
Missing	-	221 (8,82%)

Patients who lacked appetite:

Not at all	11 (26,2%)	881 (35,2%)
A little	16 (38,1%)	617 (24,6%)
Quite a bit	10 (23,8%)	431 (17,2%)
Very much	5 (11,9%)	322 (12,8%)
Missing	-	218 (8,70%)

Just now

Patients who have pain:

Not at all	23 (54,8%)	993 (39,6%)
A little	13 (31,0%)	814 (32,5%)
Quite a bit	1 (2,38%)	359 (14,3%)
Very much	5 (11,9%)	106 (4,23%)
Missing	-	205 (8,18%)

Patients who need a rest:

Not at all	17 (40,5%)	513 (20,5%)
A little	18 (42,9%)	832 (33,2%)
Quite a bit	3 (7,14%)	605 (24,1%)
Very much	4 (9,52%)	307 (12,3%)
Missing	-	210 (8,38%)

Patients who feel weak:

Not at all	16 (38,1%)	562 (22,4%)
A little	14 (33,3%)	807 (32,2%)
Quite a bit	6 (14,3%)	594 (23,7%)
Very much	5 (11,9%)	296 (11,8%)
Missing	-	210 (8,38%)

Patients who are depressed:

Not at all	25 (59,5%)	1027 (41,0%)
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A little	12 (28,6%)	763 (30,4%)
Quite a bit	1 (2,38%)	321 (12,8%)
Very much	4 (9,52%)	140 (5,59%)
Missing	-	209 (8,34%)

Patients who are tired:

Not at all	18 (42,9%)	606 (24,2%)
A little	15 (35,7%)	871 (34,8%)
Quite a bit	4 (9,52%)	496 (19,8%)
Very much	5 (11,9%)	280 (11,2%)
Missing	-	215 (8,58%)

Patients whose pain interferes with their daily activities:

Not at all	20 (47,6%)	961 (38,3%)
A little	13 (31,0%)	631 (25,2%)
Quite a bit	5 (11,9%)	418 (16,7%)
Very much	3 (7,14%)	233 (9,30%)
Missing	-	221 (8,82%)

Patients who lack appetite:

Not at all	18 (42,9%)	907 (36,2%)
A little	13 (31,0%)	637 (25,4%)
Quite a bit	7 (16,7%)	430 (17,2%)
Very much	4 (9,52%)	278 (11,1%)
Missing	-	217 (8,66%)

Reasons for change in appetite/food intake

Nausea/Vomiting	14 (33,3%)	434 (17,3%)
Inflammation in mouth	2 (4,76%)	145 (5,79%)
Pain	9 (21,4%)	332 (13,2%)
Constipation	4 (9,52%)	197 (7,86%)
Diarrhea	4 (9,52%)	129 (5,15%)
Change in taste/smell	6 (14,3%)	326 (13,0%)
Early satiation/Loss of appetite	18 (42,9%)	604 (24,1%)
Other	6 (14,3%)	427 (17,0%)
Missing	-	93 (3,71%)

Maximum activity performed by patients

Able to do sports	1 (2,38%)	96 (3,83%)
Fully active	3 (7,14%)	356 (14,2%)
Able to carry out light activities	11 (26,2%)	508 (20,3%)
Able to carry out self care	17 (40,5%)	623 (24,9%)
Able to carry out limited self care	4 (9,52%)	371 (14,8%)
Confined to bed or chair	6 (14,3%)	333 (13,3%)

Missing	-	196 (7,82%)
Patient takes additional (without prescription)		
Nothing	33 (78,6%)	1595 (63,6%)
Herbal tea	4 (9,52%)	237 (9,46%)
Nutritional supplements	3 (7,14%)	214 (8,54%)
Multivitamin	-	81 (3,23%)
Other medication	1 (2,38%)	92 (3,67%)
Other	4 (9,52%)	127 (5,07%)
Missing	-	253 (10,1%)
Additional activities performed		
Nothing	38 (90,5%)	1750 (69,8%)
Psychotherapy	-	53 (2,11%)
Yoga	-	25 (1,00%)
Meditation	-	103 (4,11%)
Progressive muscle relaxation	-	40 (1,60%)
Qigong	-	8 (0,32%)
Other	1 (2,38%)	261 (10,4%)
Missing	3 (7,14%)	300 (12,0%)
Patients having difficulties in complying with treatment	5 (11,9%)	542 (21,6%)
Patients needing help to complete questionnaire	41 (97,6%)	1313 (52,4%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	37 (88,1%)	1505 (60,1%)