



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:	12
Number of participated units:	25
Number of patients who gave consent:	655
Number of patients completing Sheet 3a:	622
Number of patients completing Sheet 3b:	629
Number of cancer patients:	294
Number of patients completing Sheet 2_onco:	266
Number of patients completing Sheet 3_onco:	266
Number of patients with 30-day outcome assessment:	588

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

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

	YOUR RESULTS	REFERENCE RESULTS
1. Total number of beds in hospital	222 [182-454]	317 [188-615]
2. Total number of admissions in the hospital last year	22225 [14616-26840]	17520 [8982-34767]
3. Total number of staff in the hospital		
Total medical doctors	173 [63-284]	170 [78-396]
Medical specialists	316	117 [54-244]
Medical non-specialists	211 [117-306]	35 [11-82]
Nurses	161 [129-511]	418 [195-800]
Dieticians	0 [0-2]	5 [2-9]
Nutritionists	36 [13-54]	1 [0-4]
Pharmacists	38 [15-53]	7 [4-22]
Kitchen staff	95 [68-155]	30 [14-55]
Full time equivalent		
Total medical doctors	105 [68-143]	139 [60-368]
Medical specialists	180	98 [48-245]
Medical non-specialists	-	34 [11-87]
Nurses	180 [170-290]	350 [187-778]
Dieticians	0 [0-0]	4 [2-8]
Nutritionists	44 [37-51]	1 [0-3]
Pharmacists	38 [34-42]	6 [3-18]
Kitchen staff	155 [112-188]	27 [14-50]
4. Does the hospital have a nutrition care strategy?	7 (100%) Yes	351 (78.7%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	4 (33.3%) Yes	298 (66.8%) Yes
Nutrition steering committee is available	7 (58.3%) Yes	280 (62.8%) Yes
Quality indicators are recorded and reported to national or regional level	3 (25.0%) Yes	193 (43.3%) Yes
Quality indicators are used for internal benchmarking	7 (58.3%) Yes	235 (52.7%) Yes
Patient feedback about food and food service is collected using a questionnaire	6 (50.0%) Yes	337 (75.6%) Yes
None	-	19 (4.3%) Yes
No answer given	5 (41.7%)	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	3 (25.0%) Yes	216 (48.4%) Yes
Oral nutrition supplements	6 (50.0%) Yes	165 (37.0%) Yes

Parenteral nutrition	6 (50.0%) Yes	255 (57.2%) Yes
Enteral nutrition	7 (58.3%) Yes	224 (50.2%) Yes
Dietary counseling	2 (16.7%) Yes	166 (37.2%) Yes
Specific dietary interventions	3 (25.0%) Yes	119 (26.7%) Yes
Screening for malnutrition	4 (33.3%) Yes	119 (26.7%) Yes
Risk of malnutrition	2 (16.7%) Yes	103 (23.1%) Yes
Malnutrition (in general)	2 (16.7%) Yes	203 (45.5%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	2 (16.7%) Yes	195 (43.7%) Yes
No information available from billing/finance/controlling	-	75 (16.8%) Yes
No answer given	-	18 (4.0%)

Codes routinely used

Nutrition Support	3 (25.0%) Yes	188 (42.2%) Yes
Oral nutrition supplements	6 (50.0%) Yes	143 (32.1%) Yes
Parenteral nutrition	6 (50.0%) Yes	233 (52.2%) Yes
Enteral nutrition	7 (58.3%) Yes	205 (46.0%) Yes
Dietary counseling	2 (16.7%) Yes	140 (31.4%) Yes
Specific dietary interventions	3 (25.0%) Yes	105 (23.5%) Yes
Screening for malnutrition	3 (25.0%) Yes	95 (21.3%) Yes
Risk of malnutrition	2 (16.7%) Yes	80 (17.9%) Yes
Malnutrition (in general)	2 (16.7%) Yes	176 (39.5%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	2 (16.7%) Yes	169 (37.9%) Yes
No information available from billing/finance/controlling	-	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	8 (32.0%)	19.3%
Internal Medicine / Cardiology	3 (12.0%)	4.5%
Internal Medicine / Gastroenterology & hepatology	-	6.3%
Internal Medicine / Geriatrics	-	7.9%
Internal Medicine / Infectious diseases	-	0.5%
Internal Medicine / Nephrology	-	1.3%
Internal Medicine / Oncology (incl. radiotherapy)	5 (20.0%)	7.2%
Interdisciplinary	-	3.3%
Long term care	-	2.0%
Neurology	-	3.6%
Surgery / General	5 (20.0%)	13.5%
Surgery/ Cardiac/Vascular/Thoracic	1 (4.0%)	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 (4.0%)	1.3%
Psychiatry	-	0.9%
Others	2 (8.0%)	16.1%
2. Number of registered inpatients at noon	30 [25-42]	24 [18-31]
3. Total bed capacity of the unit	42 [32-45]	30 [24-38]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	4 [2-15]	3 [2-7]
Nurses	3 [2-4]	5 [3-8]
Nursing aides	8 [8-15]	2 [1-3]
Dieticians	0 [0-0]	1 [0-1]
Nutritionists	2 [1-3]	0 [0-1]
Administrative staff	2 [1-2]	1 [0-1]
Other staff involved in patient care	4 [2-10]	1 [0-2]
In training		
Medical doctors	4	1 [0-3]
Medical students	-	0 [0-2]
Nurses	2	1 [0-3]

Nursing aides	5	0 [0-0]
Dieticians	-	0 [0-0]
Nutritionists	2 [2-2]	0 [0-0]
Other staff involved in patient care	4	0 [0-0]

5. Is there a nutrition support team in your hospital available? 16 (100%) Yes 705 (76.4%) Yes

6. Does the unit have a nutrition care strategy? 16 (100%) Yes 678 (73.5%) Yes

7. Is there a person in your unit responsible for nutrition care? 16 (100%) Yes 644 (69.8%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 23 (95.8%) Yes 831 (90.0%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 12 (75.0%) Yes 575 (62.3%) Yes

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

At admission

No routine screening	1 (4.0%) Yes	85 (8.8%) Yes
No fixed criteria	-	14 (1.4%) Yes
Experience / visual assessment only	-	77 (7.9%) Yes
Weighing / BMI only	3 (12.0%) Yes	141 (14.5%) Yes
Nutritional Risk Screening (NRS) 2002	19 (76.0%) Yes	309 (31.9%) Yes
Malnutrition Universal Screening Tool (MUST)	-	59 (6.1%) Yes
Malnutrition Screening tool (MST)	-	70 (7.2%) Yes
SNAQ	-	11 (1.1%) Yes
Other formal tool	1 (4.0%) Yes	148 (15.3%) Yes
I do not know	-	9 (0.93%) Yes
Missing	1 (4.0%)	47 (4.8%)

During hospital stay

No routine monitoring	-	88 (9.1%) Yes
No fixed criteria	1 (4.0%) Yes	77 (7.9%) Yes
Experience / visual assessment only	-	174 (17.9%) Yes
Weighing / BMI only	12 (48.0%) Yes	313 (32.3%) Yes
Other formal tool	10 (40.0%) Yes	251 (25.9%) Yes
I do not know	1 (4.0%) Yes	20 (2.1%) Yes
Missing	1 (4.0%)	47 (4.8%)

11a. Do you routinely use guidelines or standards for nutrition care? 15 (100%) Yes 724 (80.0%) Yes

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

International guidelines	9 (60.0%) Yes	186 (25.7%) Yes
National guidelines	-	105 (14.5%) Yes
Standards on hospital level	1 (6.7%) Yes	249 (34.4%) Yes
Standards on unit level	1 (6.7%) Yes	51 (7.0%) Yes
Individual patient nutrition care plans	3 (20.0%) Yes	116 (16.0%) Yes
Other	1 (6.7%) 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	4 (16.0%) Yes	281 (29.0%) Yes
Discuss nutrition care activities during ward rounds	2 (8.0%) Yes	430 (44.3%) Yes
Develop an individual nutrition care plan	2 (8.0%) Yes	509 (52.5%) Yes
Initiate treatment / nutrition intervention	3 (12.0%) Yes	582 (60.0%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	592 (61.0%) Yes
Consult a medical professional	4 (16.0%) Yes	383 (39.5%) Yes
Calculate energy requirements	4 (16.0%) Yes	479 (49.4%) Yes
Calculate protein requirements	4 (16.0%) Yes	466 (48.0%) Yes

Malnourished

Watchful waiting	2 (8.0%) Yes	196 (20.2%) Yes
Discuss nutrition care activities during ward rounds	2 (8.0%) Yes	462 (47.6%) Yes
Develop an individual nutrition care plan	3 (12.0%) Yes	541 (55.8%) Yes
Initiate treatment / nutrition intervention	4 (16.0%) Yes	624 (64.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	2 (8.0%) Yes	581 (59.9%) Yes
Consult a medical professional	8 (32.0%) Yes	411 (42.4%) Yes
Calculate energy requirements	3 (12.0%) Yes	537 (55.4%) Yes
Calculate protein requirements	4 (16.0%) Yes	522 (53.8%) Yes

Every patient

Watchful waiting	11 (44.0%) Yes	483 (49.8%) Yes
Discuss nutrition care activities during ward rounds	13 (52.0%) Yes	258 (26.6%) Yes
Develop an individual nutrition care plan	13 (52.0%) Yes	184 (19.0%) Yes
Initiate treatment / nutrition intervention	12 (48.0%) Yes	135 (13.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	14 (56.0%) Yes	185 (19.1%) Yes
Consult a medical professional	8 (32.0%) Yes	209 (21.5%) Yes
Calculate energy requirements	11 (44.0%) Yes	123 (12.7%) Yes
Calculate protein requirements	10 (40.0%) Yes	113 (11.6%) Yes

Never

Watchful waiting	1 (4.0%) Yes	76 (7.8%) Yes
Discuss nutrition care activities during ward rounds	1 (4.0%) Yes	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	-	106 (10.9%)	Yes
Calculate energy requirements	-	103 (10.6%)	Yes
Calculate protein requirements	-	124 (12.8%)	Yes

I do not know

Watchful waiting	-	51 (5.3%)	Yes
Discuss nutrition care activities during ward rounds	-	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.)	-	18 (1.9%)	Yes
Consult a medical professional	-	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	10 (40.0%)	Yes	625 (64.4%)	Yes
Within 24 hours	2 (8.0%)	Yes	142 (14.6%)	Yes
Within 48 hours	3 (12.0%)	Yes	54 (5.6%)	Yes
Within 72 hours	3 (12.0%)	Yes	27 (2.8%)	Yes
Every week	17 (68.0%)	Yes	393 (40.5%)	Yes
Occasionally	4 (16.0%)	Yes	109 (11.2%)	Yes
When requested	8 (32.0%)	Yes	483 (49.8%)	Yes
At discharge	-		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	20 (80.0%)	Yes	730 (75.3%)	Yes
Offer meal choices	16 (64.0%)	Yes	711 (73.3%)	Yes
Offer different portion sizes	20 (80.0%)	Yes	635 (65.5%)	Yes
Consider food presentation	14 (56.0%)	Yes	356 (36.7%)	Yes
Change food texture/consistency as needed	24 (96.0%)	Yes	797 (82.2%)	Yes
Consider patient problems with eating and drinking	22 (88.0%)	Yes	793 (81.8%)	Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	2 (8.0%)	Yes	218 (22.5%)	Yes
Promote positive eating environment	5 (20.0%)	Yes	281 (29.0%)	Yes
Consider cultural/religious preferences	21 (84.0%)	Yes	559 (57.6%)	Yes
Consider patient allergies / intolerances	22 (88.0%)	Yes	650 (67.0%)	Yes
Other	3 (12.0%)	Yes	74 (7.6%)	Yes
I do not know	-		19 (2.0%)	Yes
No answer given	1 (4.0%)		48 (4.9%)	

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

Nutrition training is available	13 (52.0%) Yes	558 (57.5%) Yes
Reporting of nutrition related information to hospital managers	12 (48.0%) Yes	408 (42.1%) Yes
Quality indicators are recorded and reported to national or regional level	8 (32.0%) Yes	302 (31.1%) Yes
Quality indicators are used for internal benchmarking	10 (40.0%) Yes	358 (36.9%) Yes
Patient feedback about food and food service is collected using a questionnaire	12 (48.0%) Yes	625 (64.4%) Yes
None	-	32 (3.3%) Yes
I do not know	2 (8.0%) Yes	38 (3.9%) Yes
No answer given	9 (36.0%)	68 (7.0%)

16. At admission what is asked and documented?

Change in weight	16 (64.0%) Yes	775 (79.9%) Yes
Eating habits/difficulties	16 (64.0%) Yes	746 (76.9%) Yes
Nutrition before admission	16 (64.0%) Yes	592 (61.0%) Yes
None	-	15 (1.5%) Yes
I do not know	-	20 (2.1%) Yes
No answer given	9 (36.0%)	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	16 (64.0%) Yes	708 (73.0%) Yes
nutrition treatment	16 (64.0%) 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	9 (36.0%) Yes	407 (42.0%) Yes
makes future nutrition-related recommendations	13 (52.0%) Yes	572 (59.0%) Yes
None	1 (4.0%) Yes	110 (11.3%) Yes
I do not know	1 (4.0%) Yes	69 (7.1%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	10 (66.7%) Yes	356 (44.8%) Yes
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19. Who filled in this sheet?

Head staff	7 (28.0%) Yes	281 (29.0%) Yes
Dietician	14 (56.0%) Yes	517 (53.3%) Yes
Nurse	4 (16.0%) Yes	279 (28.8%) Yes
Physician	-	128 (13.2%) Yes
Administrative staff	3 (12.0%) Yes	8 (0.82%) Yes

Other	-	39 (4.0%) Yes
None	-	-
I do not know	-	7 (0.72%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	655	17827
Age	61 [50-73]	67 [53-78]
Female	317 (48.4%)	8951 (50.2%)
Weight	68.0±16.7	70.1±19.2
Height	164±10	165±10
BMI	25.3±5.5	25.5±6.0

1. This hospital admission was...

planned	174 (26.6%)	6798 (38.1%)
an emergency	429 (65.5%)	9562 (53.6%)
I do not know	52 (7.9%)	1467 (8.2%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	72 (11.0%)	1555 (8.7%)
0200 Neoplasms	328 (50.1%)	3133 (17.6%)
0300 Blood and bloodforming organs and the immune mechanism	83 (12.7%)	1159 (6.5%)
0400 Endocrine, nutritional and metabolic diseases	57 (8.7%)	2190 (12.3%)
0500 Mental health	24 (3.7%)	851 (4.8%)
0600 Nervous system	74 (11.3%)	1636 (9.2%)
0700 Eye and adnexa	5 (0.76%)	236 (1.3%)
0800 Ear and mastoid process	-	127 (0.71%)
0900 Circulatory system	95 (14.5%)	3801 (21.3%)
1000 Respiratory system	114 (17.4%)	2810 (15.8%)
1100 Digestive system	181 (27.6%)	4343 (24.4%)
1200 Skin and subcutaneous tissue	23 (3.5%)	786 (4.4%)
1300 Musculoskeletal system and connective tissue	69 (10.5%)	2703 (15.2%)
1400 Genitourinary system	123 (18.8%)	1776 (10.0%)
1500 Pregnancy, childbirth and the puerperium	1 (0.15%)	198 (1.1%)
1600 Conditions originating in the perinatal period	-	25 (0.14%)
1700 Congenital/chromosomal abnormalities	2 (0.31%)	31 (0.17%)
1800 Symptoms, signs, abnormal clinical/lab findings	135 (20.6%)	816 (4.6%)
1900 Injury, poisoning	14 (2.1%)	512 (2.9%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	12 (1.8%)	379 (2.1%)
2100 Factors influencing health status and contact with health services	27 (4.1%)	619 (3.5%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	82 (14.1%)	3518 (22.5%)
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Myocardial infarction	38 (6.7%)	823 (5.4%)
Chronic lung disease	43 (7.5%)	2299 (14.8%)
Cerebral vascular disease	41 (7.2%)	1523 (9.9%)
Peripheral vascular disease	48 (8.3%)	1931 (12.6%)
Chronic liver disease	33 (5.8%)	992 (6.5%)
Chronic kidney disease	58 (10.0%)	1734 (11.3%)
Diabetes	151 (26.1%)	3888 (24.9%)
Cancer	294 (50.3%)	3763 (24.2%)
Infection	102 (17.6%)	2245 (14.5%)
Dementia	26 (4.5%)	798 (5.2%)
Major depressive disorder	38 (6.7%)	853 (5.6%)
Other chronic mental disorder	30 (5.3%)	815 (5.4%)
Other chronic disease	230 (38.1%)	4031 (25.9%)
None	73 (11.1%)	3008 (16.9%)

4a. Previous operation during this hospital stay

Yes, planned	87 (13.3%)	3584 (20.1%)
Yes, acute	35 (5.3%)	1077 (6.0%)
No	352 (53.7%)	12545 (70.4%)
I do not know	2 (0.31%)	230 (1.3%)
Missing	179 (27.3%)	391 (2.2%)

Days since operation	6 [2-13]	3 [1-11]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	28 (4.3%)	1266 (7.1%)
Yes, later	27 (4.1%)	953 (5.3%)
No	414 (63.2%)	13798 (77.4%)
I do not know	2 (0.31%)	833 (4.7%)
Missing	184 (28.1%)	977 (5.5%)

5. Previous ICU admission during this hospital stay? (Yes)	103 (21.4%)	1781 (10.0%)
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6. Is this patient terminally ill?	35 (5.3%)	1122 (6.3%)
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7. Fluid status

Normal	447 (68.2%)	13668 (76.7%)
Overloaded	17 (2.6%)	1008 (5.7%)
Dehydrated	29 (4.4%)	878 (4.9%)
I do not know	162 (24.7%)	2273 (12.8%)
Missing	-	-

8. Number of different medications planned

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

Malnourished	169 (25.8%)	2050 (11.5%)
At risk	157 (24.0%)	3162 (17.7%)
No	320 (48.9%)	11117 (62.4%)
I do not know	9 (1.4%)	1498 (8.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	148 (22.6%)	6470 (36.3%)
5% Glucose solution	59 (9.0%)	1853 (10.4%)

11. Number of ONS drinks planned

0 [0-1]	0 [0-0]
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12. Nutrition intake

Regular hospital food	303 (46.3%)	10454 (58.6%)
Fortified/enriched hospital food	75 (11.5%)	1962 (11.0%)
Protein/energy supplement (e.g. ONS drinks)	182 (27.8%)	2469 (13.8%)
Enteral nutrition	81 (12.4%)	882 (4.9%)
Parenteral nutrition	12 (1.8%)	929 (5.2%)
Special diet	275 (42.0%)	5732 (32.2%)
None	13 (2.0%)	895 (5.0%)

13a. All lines and Tubes

Central Venous	64 (13.3%)	1535 (8.6%)
Peripheral venous access	216 (44.8%)	8238 (46.2%)
Nasogastric	30 (6.2%)	462 (2.6%)
Nasojejunal	8 (1.7%)	79 (0.44%)
Nasoduodenal	11 (2.3%)	67 (0.38%)
Enterostoma	5 (1.0%)	82 (0.46%)
Percutaneous endoscopy/surgical gastrostomy	20 (4.1%)	137 (0.77%)
Percutaneous endoscopy/surgical jejunostomy	4 (0.83%)	63 (0.35%)
None	376 (57.4%)	8032 (45.1%)

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

Yes, previously	13 (2.0%)	247 (1.4%)
Yes, ongoing	3 (0.46%)	173 (0.97%)
No	408 (62.3%)	14548 (81.6%)
I do not know	39 (6.0%)	1646 (9.2%)
Missing	192 (29.3%)	1213 (6.8%)

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

Energy requirements were determined	394 (81.7%)	6273 (35.2%)
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Protein requirements were determined	391 (81.1%)	5516 (30.9%)
Food/Nutrition intake was recorded in the patient record	428 (88.8%)	7653 (42.9%)
Nutrition treatment plan was developed	437 (90.7%)	6036 (33.9%)
Nutrition expert was consulted	405 (84.0%)	6237 (35.0%)
Malnutrition status is recorded in the patient record	409 (84.9%)	5297 (29.7%)
None	-	-

15a. Energy goal

< 500 kcal	7 (1.1%)	749 (4.2%)
500-999 kcal	2 (0.31%)	194 (1.1%)
1000-1499 kcal	53 (8.1%)	1695 (9.5%)
1500-1999 kcal	233 (35.6%)	5578 (31.3%)
>=2000 kcal	97 (14.8%)	1992 (11.2%)
Not determined	84 (12.8%)	6066 (34.0%)
I do not know	6 (0.92%)	1515 (8.5%)
Missing	173 (26.4%)	38 (0.21%)

15b. Energy intake

< 500 kcal	38 (5.8%)	1264 (7.1%)
500-999 kcal	34 (5.2%)	900 (5.0%)
1000-1499 kcal	73 (11.1%)	2387 (13.4%)
1500-1999 kcal	137 (20.9%)	3954 (22.2%)
>=2000 kcal	67 (10.2%)	1047 (5.9%)
Not determined	109 (16.6%)	6021 (33.8%)
I do not know	24 (3.7%)	2199 (12.3%)
Missing	173 (26.4%)	55 (0.31%)

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

Improved	138 (21.1%)	8831 (49.5%)
Deteriorated	38 (5.8%)	1039 (5.8%)
Remained the same	112 (17.1%)	4935 (27.7%)
This patient has just been admitted	27 (4.1%)	1248 (7.0%)
I do not know	167 (25.5%)	1774 (10.0%)
Missing	173 (26.4%)	-

Length of hospital stay (days)	14 [7-27]	12 [6-24]
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Outcome Code

1= Still in the hospital	57 (8.7%)	1702 (9.5%)
2= Transferred to another hospital	4 (0.61%)	419 (2.4%)
3= Transferred to long term care	5 (0.76%)	780 (4.4%)
4= Rehabilitation	-	785 (4.4%)
5= Discharged home	461 (70.4%)	13163 (73.8%)
6= Death	60 (9.2%)	535 (3.0%)

7= Others	1 (0.15%)	310 (1.7%)
Missing	67 (10.2%)	133 (0.75%)
Readmitted since ND		
1= No	353 (66.6%)	11846 (75.5%)
2= Yes, same hospital planned	21 (4.0%)	1043 (6.7%)
3= Yes, same hospital unplanned	65 (12.3%)	889 (5.7%)
4= Yes, different hospital planned	-	68 (0.43%)
5= Yes, different hospital unplanned	-	68 (0.43%)
6= Unknown	1 (0.19%)	646 (4.1%)
Missing	90 (17.0%)	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	291 (46.8%)	12235 (71.0%)
I am vegetarian	5 (0.80%)	370 (2.1%)
I adhere to a vegan diet	-	132 (0.77%)
I eat gluten-free diet	5 (0.80%)	156 (0.91%)
I avoid added sugars	84 (13.5%)	2604 (15.1%)
I avoid carbohydrates	18 (2.9%)	1038 (6.0%)
I eat a low fat-diet	55 (8.8%)	1930 (11.2%)
I am lactose intolerant	17 (2.7%)	572 (3.3%)
Other special diet due to intolerances/allergies	8 (1.3%)	323 (1.9%)
Other	34 (5.5%)	1219 (7.1%)
No answer given	179 (28.8%)	337 (2.0%)
2. Where did you live before your current hospital admission?		
At home	363 (58.4%)	15276 (88.7%)
In a nursing home or other live-in facility	3 (0.48%)	609 (3.5%)
I was transferred from another hospital	78 (12.5%)	883 (5.1%)
Other	4 (0.64%)	268 (1.6%)
Missing	174 (28.0%)	185 (1.1%)
3. In general, are you able to walk?		
Yes	273 (43.9%)	11104 (64.5%)
Yes, with someone's help	72 (11.6%)	1762 (10.2%)
Yes, independently using a cane, walker, or crutches	35 (5.6%)	2412 (14.0%)
No, I have a wheelchair	20 (3.2%)	712 (4.1%)
No, I am bedridden	41 (6.6%)	988 (5.7%)
Missing	181 (29.1%)	243 (1.4%)
4. In general, how would you say your health is?		
Very good	35 (5.6%)	1252 (7.3%)
Good	146 (23.5%)	6191 (36.0%)
Fair	147 (23.6%)	6489 (37.7%)
Poor	81 (13.0%)	2490 (14.5%)
Very poor	38 (6.1%)	558 (3.2%)
Missing	175 (28.1%)	241 (1.4%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	6 [3-12]	5 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-3]	1 [0-2]
... how many nights in total have you spent in hospital?	7 [1-20]	5 [0-15]

6. How many different medications do you take routinely each day (prior to hospitalisation)?		
1-2	86 (13.8%)	3323 (19.3%)
3-5	130 (20.9%)	4698 (27.3%)
More than 5	149 (24.0%)	5507 (32.0%)
None	47 (7.6%)	2633 (15.3%)
I do not know	34 (5.5%)	778 (4.5%)
Missing	176 (28.3%)	282 (1.6%)

7. Do you have health insurance?		
Yes, private insurance only	85 (13.7%)	2738 (15.9%)
Yes, public insurance only	216 (34.7%)	8466 (49.2%)
Yes, both	10 (1.6%)	2117 (12.3%)
None	123 (19.8%)	2268 (13.2%)
I prefer not to answer	7 (1.1%)	1018 (5.9%)
Missing	181 (29.1%)	614 (3.6%)

8. What was your weight 5 years ago?		
	73 [61-85]	72 [60-85]
I do not know	79 (12.7%)	4280 (24.9%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	46 (7.4%)	1639 (9.5%)
Yes, unintentionally	351 (56.4%)	6488 (37.7%)
No, my weight stayed the same	125 (20.1%)	5108 (29.7%)
No, I gained weight	58 (9.3%)	1894 (11.0%)
I do not know	30 (4.8%)	1680 (9.8%)
Missing	12 (1.9%)	412 (2.4%)

9b. If yes, how many kg did you lose?		
	8 [5-13]	6 [4-10]
I do not know	70 (17.6%)	1267 (15.6%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	171 (39.9%)	6721 (41.1%)

11. Please indicate if you ...		
... were weighed at admission	313 (70.2%)	9728 (57.2%)
... were informed about your nutrition status	304 (68.5%)	5774 (34.3%)
... were informed about nutrition care options	318 (72.3%)	5459 (32.5%)
... received special nutrition care	308 (69.5%)	5054 (30.1%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	21 (3.3%)	762 (4.5%)
Normal	316 (50.2%)	10449 (61.1%)
About 3/4 of normal	47 (7.5%)	1762 (10.3%)
About half of normal	80 (12.7%)	2122 (12.4%)

About a quarter to nearly nothing	130 (20.7%)	1571 (9.2%)
I do not know	10 (1.6%)	153 (0.89%)
Missing	25 (4.0%)	286 (1.7%)

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

Very satisfied	154 (24.5%)	4212 (24.6%)
Somewhat satisfied	112 (17.8%)	5626 (32.9%)
Neutral	53 (8.4%)	3361 (19.6%)
Dissatisfied	47 (7.5%)	1441 (8.4%)
Very dissatisfied	14 (2.2%)	491 (2.9%)
I do not know	33 (5.2%)	1415 (8.3%)
Missing	216 (34.3%)	559 (3.3%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	106 (16.9%)	1651 (9.7%)
Yes, from hospital staff	20 (3.2%)	1185 (6.9%)
No	283 (45.0%)	13278 (77.6%)
I do not know	5 (0.79%)	218 (1.3%)
Missing	215 (34.2%)	773 (4.5%)

15. Were you able to eat without interruption TODAY? (Yes)	305 (74.4%)	11891 (74.2%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	260 (41.3%)	7871 (46.0%)
1/2	137 (21.8%)	4261 (24.9%)
1/4	98 (15.6%)	2226 (13.0%)
Nothing	89 (14.1%)	1992 (11.6%)
Missing	45 (7.2%)	755 (4.4%)

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

Standard	271 (43.1%)	11000 (64.3%)
Smaller	42 (6.7%)	1600 (9.4%)
Larger	17 (2.7%)	763 (4.5%)
I do not know	27 (4.3%)	1701 (9.9%)
Missing	272 (43.2%)	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	36 (11.1%)	1293 (15.2%)
I did not like the smell/taste of the food	35 (10.8%)	996 (11.7%)
The food did not fit my cultural/religious preferences	4 (1.2%)	90 (1.1%)
The food was too hot	1 (0.31%)	38 (0.45%)
The food was too cold	2 (0.62%)	207 (2.4%)
Due to food allergy/intolerance	1 (0.31%)	53 (0.63%)
I was not hungry at that time	41 (12.7%)	1520 (17.9%)

I do not have my usual appetite	90 (27.8%)	2475 (29.2%)
I have problems chewing/swallowing	32 (9.9%)	478 (5.6%)
I normally eat less than what was served	28 (8.6%)	969 (11.4%)
I had nausea/vomiting	49 (15.1%)	637 (7.5%)
I was too tired	25 (7.7%)	506 (6.0%)
I cannot eat without help	5 (1.5%)	141 (1.7%)
I was not allowed to eat	8 (2.5%)	869 (10.2%)
I had an exam, surgery, or test and missed my meal	22 (6.8%)	469 (5.5%)
I did not get requested food	2 (0.62%)	93 (1.1%)
No answer given	93 (28.7%)	1161 (13.7%)

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

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

19a. Did you eat any food apart from hospital food TODAY?	90 (22.4%)	4518 (28.8%)
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19b. If yes, what did you eat?

Sweet snacks	19 (21.1%)	1302 (28.8%)
Salty snacks	15 (16.7%)	512 (11.3%)
Homemade food	11 (12.2%)	703 (15.6%)
Fruits	28 (31.1%)	1730 (38.3%)
Dairy products	7 (7.8%)	471 (10.4%)
Food delivered/restaurant	5 (5.6%)	191 (4.2%)
Sandwich	11 (12.2%)	282 (6.2%)
Other	21 (23.3%)	724 (16.0%)

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

Increased	103 (16.4%)	2508 (14.7%)
Decreased	161 (25.6%)	5344 (31.2%)
Stayed the same	146 (23.2%)	7154 (41.8%)
I do not know	12 (1.9%)	1188 (6.9%)
Missing	207 (32.9%)	911 (5.3%)

21. TODAY I feel...

Stronger than at admission	317 (50.4%)	7275 (42.5%)
Weaker than at admission	151 (24.0%)	3158 (18.5%)
Same as at admission	116 (18.4%)	4825 (28.2%)

I was admitted today	9 (1.4%)	465 (2.7%)
I do not know	21 (3.3%)	926 (5.4%)
Missing	15 (2.4%)	456 (2.7%)

22. Can you walk without assistance TODAY?

Yes	345 (54.8%)	10229 (59.8%)
No, only with assistance	167 (26.6%)	4164 (24.3%)
No, I stay in bed	103 (16.4%)	1821 (10.6%)
Missing	14 (2.2%)	891 (5.2%)

23. Did anyone help you complete this questionnaire?	324 (72.8%)	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:	9	255
Computerized system in hospital:	9 units (100%) YES	243 units (95%) YES
Nutritional treatment of cancer patients is part of overall care plan	7 units (78%) YES	225 units (88%) YES
Nutritional treatment is considered...		
Routinely	8 (88,9%)	153 (60,0%)
When patient asks	4 (44,4%)	62 (24,3%)
When body weight loss > 10%	5 (55,6%)	72 (28,2%)
During palliative phase	5 (55,6%)	62 (24,3%)
Other	-	14 (5,49%)
Missing	1 (11,1%)	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	7 (77,8%)	166 (65,1%)
Calculation of energy needs	7 (77,8%)	181 (71,0%)
Monitoring patients intake and use of oral supplements	8 (88,9%)	219 (85,9%)
None	-	7 (2,75%)
Other	3 (33,3%)	12 (4,71%)
Missing	1 (11,1%)	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	7 (77,8%)	175 (68,6%)
At chemotherapy	-	34 (13,3%)
When necessary	1 (11,1%)	36 (14,1%)
Never	-	4 (1,57%)
Unknown	-	3 (1,18%)
Missing	1 (11,1%)	3 (1,18%)

Anthropometrics (circumference)

Regularly	2 (22,2%)	33 (12,9%)
At chemotherapy	-	6 (2,35%)
When necessary	4 (44,4%)	95 (37,3%)
Never	-	106 (41,6%)
Unknown	-	5 (1,96%)
Missing	3 (33,3%)	10 (3,92%)

BIA

Regularly	1 (11,1%)	8 (3,14%)
At chemotherapy	-	3 (1,18%)
When necessary	3 (33,3%)	68 (26,7%)
Never	2 (22,2%)	156 (61,2%)
Unknown	-	9 (3,53%)
Missing	3 (33,3%)	11 (4,31%)

CT SCAN

Regularly	-	12 (4,71%)
At chemotherapy	-	2 (0,78%)
When necessary	-	71 (27,8%)
Never	6 (66,7%)	149 (58,4%)
Unknown	-	11 (4,31%)
Missing	3 (33,3%)	10 (3,92%)

DEXA

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

Other (body composition)

Regularly	-	5 (1,96%)
At chemotherapy	-	1 (0,39%)
When necessary	3 (33,3%)	34 (13,3%)

Never	2 (22,2%)	84 (32,9%)
Unknown	-	39 (15,3%)
Missing	4 (44,4%)	92 (36,1%)

Body function:

Handgrip

Regularly	1 (11,1%)	12 (4,71%)
At chemotherapy	-	6 (2,35%)
When necessary	3 (33,3%)	77 (30,2%)
Never	2 (22,2%)	136 (53,3%)
Unknown	-	10 (3,92%)
Missing	3 (33,3%)	14 (5,49%)

6-minutes walking test

Regularly	-	7 (2,75%)
At chemotherapy	-	4 (1,57%)
When necessary	-	65 (25,5%)
Never	6 (66,7%)	149 (58,4%)
Unknown	-	12 (4,71%)
Missing	3 (33,3%)	18 (7,06%)

Other (body function)

Regularly	-	11 (4,31%)
At chemotherapy	-	1 (0,39%)
When necessary	2 (22,2%)	44 (17,3%)
Never	2 (22,2%)	99 (38,8%)
Unknown	-	36 (14,1%)
Missing	5 (55,6%)	64 (25,1%)

Nutritional requirements, calculated

Regularly	8 (88,9%)	78 (30,6%)
At chemotherapy	-	1 (0,39%)
When necessary	-	127 (49,8%)
Never	-	14 (5,49%)
Unknown	-	3 (1,18%)
Missing	1 (11,1%)	32 (12,5%)

Nutritional intake:

Every meal

Regularly	2 (22,2%)	73 (28,6%)
At chemotherapy	-	2 (0,78%)
When necessary	4 (44,4%)	107 (42,0%)
Never	-	26 (10,2%)
Unknown	-	13 (5,10%)

Missing	3 (33,3%)	34 (13,3%)
1 meal per day		
Regularly	2 (22,2%)	20 (7,84%)
At chemotherapy	-	2 (0,78%)
When necessary	3 (33,3%)	82 (32,2%)
Never	-	49 (19,2%)
Unknown	-	17 (6,67%)
Missing	4 (44,4%)	85 (33,3%)
2 meals per day		
Regularly	2 (22,2%)	20 (7,84%)
At chemotherapy	-	-
When necessary	3 (33,3%)	80 (31,4%)
Never	-	51 (20,0%)
Unknown	-	16 (6,27%)
Missing	4 (44,4%)	88 (34,5%)
24h recall		
Regularly	2 (22,2%)	53 (20,8%)
At chemotherapy	-	6 (2,35%)
When necessary	1 (11,1%)	89 (34,9%)
Never	3 (33,3%)	34 (13,3%)
Unknown	-	14 (5,49%)
Missing	3 (33,3%)	59 (23,1%)
Other (nutritional intake)		
Regularly	1 (11,1%)	6 (2,35%)
At chemotherapy	-	1 (0,39%)
When necessary	3 (33,3%)	38 (14,9%)
Never	-	49 (19,2%)
Unknown	-	37 (14,5%)
Missing	5 (55,6%)	124 (48,6%)
Questionnaire completed by		
Dietitian	8 (88,9%)	110 (43,1%)
Nurse	-	66 (25,9%)
Physician	-	59 (23,1%)
Nutritional scientist	-	14 (5,49%)
Other	-	1 (0,39%)
Missing	1 (11,1%)	5 (1,96%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	266	2506
Demographic data:		
Age (years)	61 [20-94]	65 [18-96]
Female gender	127 (47,7%)	1093 (43,6%)
Weight (kg)	65,6 ± 15,8	66,5 ± 17,5
Height (cm)	163,2 ± 9,8	166,0 ± 10,1
BMI (kg/m ²)	24,5 ± 5,2	24,0 ± 5,0
Outpatient (o)/Ward (w)		
Outpatient(o)	2 (0,75%)	142 (5,67%)
Ward (w)	262 (98,5%)	2340 (93,4%)
Missing	2 (0,75%)	24 (0,96%)
Goal of Therapy		
Curative	193 (72,6%)	1449 (57,8%)
Palliative	62 (23,3%)	849 (33,9%)
Terminal	3 (1,13%)	122 (4,87%)
Missing	8 (3,01%)	86 (3,43%)
Reason for admission		
Clinical diagnostics	23 (8,65%)	295 (11,8%)
Therapy	38 (14,3%)	1236 (49,3%)
Surgery related	57 (21,4%)	492 (19,6%)
Treatment complications	136 (51,1%)	267 (10,7%)
Poor health status	19 (7,14%)	334 (13,3%)
Independent care difficult	-	22 (0,88%)
Missing	-	-
Present cancer diagnosis		
Breast	23 (8,65%)	162 (6,46%)
Colon, rectum	38 (14,3%)	417 (16,6%)
Prostate	21 (7,89%)	65 (2,59%)
Lung	21 (7,89%)	237 (9,46%)
Skin	4 (1,50%)	19 (0,76%)
Kidney/bladder	15 (5,64%)	94 (3,75%)
Gastric/oesophageal	19 (7,14%)	291 (11,6%)
Pancreas	15 (5,64%)	123 (4,91%)
Lymphoma	15 (5,64%)	246 (9,82%)
Ears nose throat (ENT)	14 (5,26%)	109 (4,35%)
Leukaemia	21 (7,89%)	205 (8,18%)
Genital tract	4 (1,50%)	107 (4,27%)

Liver	12 (4,51%)	189 (7,54%)
Sarcoma	7 (2,63%)	27 (1,08%)
Brain	8 (3,01%)	37 (1,48%)
Testicular	2 (0,75%)	9 (0,36%)
Other	29 (10,9%)	229 (9,14%)
Missing	5 (1,88%)	51 (2,04%)

Time since diagnosis

0-2 months	58 (21,8%)	811 (32,4%)
3-5 months	37 (13,9%)	426 (17,0%)
6-12 months	52 (19,5%)	398 (15,9%)
1-2 years	46 (17,3%)	333 (13,3%)
2-4 years	27 (10,2%)	214 (8,54%)
> 4 years	37 (13,9%)	208 (8,30%)
Missing	8 (3,01%)	86 (3,43%)

Cancer staging

0=Carcinoma in situ	4 (1,50%)	103 (4,11%)
I=Localized	25 (9,40%)	503 (20,1%)
II=Early locally advanced	37 (13,9%)	487 (19,4%)
III=Late locally advanced	62 (23,3%)	370 (14,8%)
IV=Metastasised	92 (34,6%)	704 (28,1%)
Missing	46 (17,3%)	339 (13,5%)

Time since first therapy start

No therapy	34 (12,8%)	238 (9,50%)
Tumour staging/diagnosis	9 (3,38%)	221 (8,82%)
0-2 months	69 (25,9%)	747 (29,8%)
3-5 months	27 (10,2%)	342 (13,6%)
6-12 months	48 (18,0%)	360 (14,4%)
1-2 years	30 (11,3%)	265 (10,6%)
2-4 years	28 (10,5%)	166 (6,62%)
> 4 years	31 (11,7%)	191 (7,62%)
Missing	7 (2,63%)	69 (2,75%)

Therapy situation

Diagnosis	17 (6,39%)	248 (9,90%)
Chemotherapy 1st line	53 (19,9%)	541 (21,6%)
Chemotherapy > 1st line	22 (8,27%)	420 (16,8%)
Radiotherapy	17 (6,39%)	229 (9,14%)
Target therapy	1 (0,38%)	77 (3,07%)
Hormone therapy	6 (2,26%)	22 (0,88%)
Palliative	29 (10,9%)	249 (9,94%)
Surgery	57 (21,4%)	681 (27,2%)

Cancer related complications	83 (31,2%)	187 (7,46%)
Therapy related complications	21 (7,89%)	101 (4,03%)
Missing	8 (3,01%)	71 (2,83%)

Infections

None	172 (64,7%)	1857 (74,1%)
Local	68 (25,6%)	352 (14,0%)
General	14 (5,26%)	215 (8,58%)
Missing	12 (4,51%)	82 (3,27%)

Nutrition Treatment

No special diet	17 (6,39%)	1058 (42,2%)
Individualized diet plan	195 (73,3%)	709 (28,3%)
Energy rich/protein rich ONS	86 (32,3%)	443 (17,7%)
Enteral nutrition (via NGT/PEG)	27 (10,2%)	131 (5,23%)
Parenteral nutrition	8 (3,01%)	279 (11,1%)
ONS enriched with special nutrients	7 (2,63%)	72 (2,87%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	10 (3,76%)	39 (1,56%)
Personal preferences	87 (32,7%)	208 (8,30%)
Counselling	-	237 (9,46%)
Other	4 (1,50%)	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:	266	2484
Body weight prior to becoming ill	72 [28-156]	70 [22-180]
Actual body weight	64 [11-120]	64 [21-175]
Change in weight was		
Intentional	10 (3,76%)	99 (3,95%)
Unintentional	180 (67,7%)	1609 (64,2%)
Weight is stable	40 (15,0%)	389 (15,5%)
Missing	12 (4,51%)	84 (3,35%)
During the last week		
Patients who have had pain:		
Not at all	67 (25,2%)	828 (33,0%)
A little	84 (31,6%)	711 (28,4%)
Quite a bit	56 (21,1%)	469 (18,7%)
Very much	46 (17,3%)	265 (10,6%)
Missing	13 (4,89%)	198 (7,90%)
Patients who needed a rest:		
Not at all	43 (16,2%)	560 (22,3%)
A little	79 (29,7%)	694 (27,7%)
Quite a bit	85 (32,0%)	606 (24,2%)
Very much	41 (15,4%)	394 (15,7%)
Missing	17 (6,39%)	212 (8,46%)
Patients who felt weak:		
Not at all	46 (17,3%)	543 (21,7%)
A little	83 (31,2%)	715 (28,5%)
Quite a bit	77 (28,9%)	605 (24,1%)
Very much	46 (17,3%)	407 (16,2%)
Missing	14 (5,26%)	203 (8,10%)
Patients who felt depressed:		
Not at all	85 (32,0%)	900 (35,9%)
A little	77 (28,9%)	776 (31,0%)
Quite a bit	48 (18,0%)	359 (14,3%)
Very much	31 (11,7%)	208 (8,30%)
Missing	21 (7,89%)	207 (8,26%)
Patients who were tired:		

Not at all	59 (22,2%)	558 (22,3%)
A little	88 (33,1%)	769 (30,7%)
Quite a bit	68 (25,6%)	563 (22,5%)
Very much	37 (13,9%)	376 (15,0%)
Missing	13 (4,89%)	204 (8,14%)

Patients whose pain interfered with their daily activities:

Not at all	80 (30,1%)	953 (38,0%)
A little	58 (21,8%)	567 (22,6%)
Quite a bit	60 (22,6%)	418 (16,7%)
Very much	52 (19,5%)	300 (12,0%)
Missing	15 (5,64%)	221 (8,82%)

Patients who lacked appetite:

Not at all	72 (27,1%)	881 (35,2%)
A little	79 (29,7%)	617 (24,6%)
Quite a bit	48 (18,0%)	431 (17,2%)
Very much	52 (19,5%)	322 (12,8%)
Missing	14 (5,26%)	218 (8,70%)

Just now

Patients who have pain:

Not at all	112 (42,1%)	993 (39,6%)
A little	87 (32,7%)	814 (32,5%)
Quite a bit	26 (9,77%)	359 (14,3%)
Very much	27 (10,2%)	106 (4,23%)
Missing	13 (4,89%)	205 (8,18%)

Patients who need a rest:

Not at all	61 (22,9%)	513 (20,5%)
A little	111 (41,7%)	832 (33,2%)
Quite a bit	49 (18,4%)	605 (24,1%)
Very much	24 (9,02%)	307 (12,3%)
Missing	18 (6,77%)	210 (8,38%)

Patients who feel weak:

Not at all	93 (35,0%)	562 (22,4%)
A little	77 (28,9%)	807 (32,2%)
Quite a bit	39 (14,7%)	594 (23,7%)
Very much	39 (14,7%)	296 (11,8%)
Missing	18 (6,77%)	210 (8,38%)

Patients who are depressed:

Not at all	125 (47,0%)	1027 (41,0%)
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A little	65 (24,4%)	763 (30,4%)
Quite a bit	29 (10,9%)	321 (12,8%)
Very much	23 (8,65%)	140 (5,59%)
Missing	23 (8,65%)	209 (8,34%)

Patients who are tired:

Not at all	96 (36,1%)	606 (24,2%)
A little	82 (30,8%)	871 (34,8%)
Quite a bit	39 (14,7%)	496 (19,8%)
Very much	30 (11,3%)	280 (11,2%)
Missing	19 (7,14%)	215 (8,58%)

Patients whose pain interferes with their daily activities:

Not at all	107 (40,2%)	961 (38,3%)
A little	71 (26,7%)	631 (25,2%)
Quite a bit	33 (12,4%)	418 (16,7%)
Very much	34 (12,8%)	233 (9,30%)
Missing	21 (7,89%)	221 (8,82%)

Patients who lack appetite:

Not at all	99 (37,2%)	907 (36,2%)
A little	77 (28,9%)	637 (25,4%)
Quite a bit	32 (12,0%)	430 (17,2%)
Very much	31 (11,7%)	278 (11,1%)
Missing	26 (9,77%)	217 (8,66%)

Reasons for change in appetite/food intake

Nausea/Vomiting	71 (26,7%)	434 (17,3%)
Inflammation in mouth	11 (4,14%)	145 (5,79%)
Pain	43 (16,2%)	332 (13,2%)
Constipation	31 (11,7%)	197 (7,86%)
Diarrhea	18 (6,77%)	129 (5,15%)
Change in taste/smell	50 (18,8%)	326 (13,0%)
Early satiation/Loss of appetite	67 (25,2%)	604 (24,1%)
Other	29 (10,9%)	427 (17,0%)
Missing	7 (2,63%)	93 (3,71%)

Maximum activity performed by patients

Able to do sports	7 (2,63%)	96 (3,83%)
Fully active	26 (9,77%)	356 (14,2%)
Able to carry out light activities	36 (13,5%)	508 (20,3%)
Able to carry out self care	48 (18,0%)	623 (24,9%)
Able to carry out limited self care	47 (17,7%)	371 (14,8%)
Confined to bed or chair	85 (32,0%)	333 (13,3%)

Missing	17 (6,39%)	196 (7,82%)
Patient takes additional (without prescription)		
Nothing	159 (59,8%)	1595 (63,6%)
Herbal tea	55 (20,7%)	237 (9,46%)
Nutritional supplements	20 (7,52%)	214 (8,54%)
Multivitamin	5 (1,88%)	81 (3,23%)
Other medication	15 (5,64%)	92 (3,67%)
Other	6 (2,26%)	127 (5,07%)
Missing	15 (5,64%)	253 (10,1%)
Additional activities performed		
Nothing	212 (79,7%)	1750 (69,8%)
Psychotherapy	12 (4,51%)	53 (2,11%)
Yoga	3 (1,13%)	25 (1,00%)
Meditation	7 (2,63%)	103 (4,11%)
Progressive muscle relaxation	4 (1,50%)	40 (1,60%)
Qigong	1 (0,38%)	8 (0,32%)
Other	16 (6,02%)	261 (10,4%)
Missing	17 (6,39%)	300 (12,0%)
Patients having difficulties in complying with treatment		
	75 (28,2%)	542 (21,6%)
Patients needing help to complete questionnaire		
	175 (65,8%)	1313 (52,4%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:		
	229 (86,1%)	1505 (60,1%)