



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2017 and for your effort. We are now able to present you your country report of the following sample size:

Number of participated center:	8
Number of participated units:	13
Number of patients:	309
Number of patients who gave consent:	261
Number of patients completing Sheet 3a:	259
Number of patients completing Sheet 3b:	257
Number of cancer patients:	108
Number of patients completing Sheet 2_onco:	97
Number of patients completing Sheet 3_onco:	93
Number of patients with 30-day outcome assessment:	261

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 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 2018. 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	325 [142-649]	290 [162-548]
2. Total number of admissions in the hospital last year	5575 [3206-12600]	16544 [7529-35485]
3. Total number of staff in the hospital		
Total medical doctors	257 [170-389]	161 [64-352]
Medical specialists	168 [146-223]	108 [42-202]
Medical non-specialists	308 [186-429]	33 [11-78]
Nurses	394 [223-718]	347 [123-753]
Dieticians	1 [0-1]	4 [2-8]
Nutritionists	2 [1-3]	1 [0-4]
Pharmacists	7 [5-9]	6 [3-17]
Kitchen staff	12 [10-29]	29 [13-53]
Full time equivalent		
Total medical doctors	134 [134-705]	119 [53-333]
Medical specialists	165 [125-347]	88 [43-204]
Medical non-specialists	294 [165-422]	31 [10-79]
Nurses	254 [174-926]	309 [119-725]
Dieticians	1 [0-2]	4 [2-7]
Nutritionists	1 [0-3]	1 [0-3]
Pharmacists	4 [2-13]	5 [3-15]
Kitchen staff	23 [16-111]	22 [13-46]
4. Does the hospital have a nutrition care strategy?	4 (50.0%) Yes	203 (77.5%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	4 (50.0%) Yes	170 (64.9%) Yes
Nutrition steering committee is available	5 (62.5%) Yes	151 (57.6%) Yes
Quality indicators are recorded and reported to national or regional level	2 (25.0%) Yes	105 (40.1%) Yes
Quality indicators are used for internal benchmarking	1 (12.5%) Yes	134 (51.1%) Yes
Patient feedback about food and food service is collected using a questionnaire	7 (87.5%) Yes	184 (70.2%) Yes
None	-	17 (6.5%) Yes
No answer given	-	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	3 (37.5%) Yes	121 (46.2%) Yes
Oral nutrition supplements	3 (37.5%) Yes	99 (37.8%) Yes

Parenteral nutrition	3 (37.5%) Yes	139 (53.1%) Yes
Enteral nutrition	4 (50.0%) Yes	119 (45.4%) Yes
Dietary counseling	3 (37.5%) Yes	86 (32.8%) Yes
Specific dietary interventions	2 (25.0%) Yes	70 (26.7%) Yes
Screening for malnutrition	3 (37.5%) Yes	61 (23.3%) Yes
Risk of malnutrition	2 (25.0%) Yes	63 (24.0%) Yes
Malnutrition (in general)	4 (50.0%) Yes	118 (45.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	4 (50.0%) Yes	114 (43.5%) Yes
No information available from billing/finance/controlling	3 (37.5%) Yes	39 (14.9%) Yes
No answer given	-	21 (8.0%)

Codes routinely used

Nutrition Support	2 (25.0%) Yes	100 (38.2%) Yes
Oral nutrition supplements	3 (37.5%) Yes	82 (31.3%) Yes
Parenteral nutrition	2 (25.0%) Yes	123 (46.9%) Yes
Enteral nutrition	2 (25.0%) Yes	103 (39.3%) Yes
Dietary counseling	2 (25.0%) Yes	68 (26.0%) Yes
Specific dietary interventions	1 (12.5%) Yes	59 (22.5%) Yes
Screening for malnutrition	1 (12.5%) Yes	48 (18.3%) Yes
Risk of malnutrition	-	44 (16.8%) Yes
Malnutrition (in general)	1 (12.5%) Yes	98 (37.4%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	1 (12.5%) Yes	98 (37.4%) Yes
No information available from billing/finance/controlling	4 (50.0%) Yes	46 (17.6%) Yes
No answer given	-	31 (1.5%)

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	-	20.2%
Internal Medicine / Cardiology	-	5.5%
Internal Medicine / Gastroenterology & hepatology	-	6.5%
Internal Medicine / Geriatrics	1 (7.7%)	8.2%
Internal Medicine / Infectious diseases	-	1.1%
Internal Medicine / Nephrology	-	1.1%
Internal Medicine / Oncology (incl. radiotherapy)	3 (23.1%)	7.6%
Interdisciplinary	2 (15.4%)	4.4%
Long term care	1 (7.7%)	2.1%
Neurology	-	2.9%
Surgery / General	2 (15.4%)	17.3%
Surgery/ Cardiac/Vascular/Thoracic	-	1.5%
Surgery / Neurosurgery	-	1.1%
Surgery / Orthopedic	-	4.2%
Trauma	1 (7.7%)	1.5%
Ear Nose Throat (ENT)	-	1.5%
Gynecology / Obstetrics	-	2.1%
Pediatrics	-	0.0%
Psychiatry	-	0.6%
Others	3 (23.1%)	10.7%
2. Number of registered inpatients at noon	27 [24-29]	25 [18-34]
3. Total bed capacity of the unit	30 [28-31]	31 [25-44]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	5 [4-12]	4 [2-8]
Nurses	3 [3-4]	5 [4-8]
Nursing aides	3 [3-3]	2 [1-4]
Dieticians	0 [0-0]	1 [0-1]
Nutritionists	0 [0-1]	0 [0-1]
Administrative staff	1 [1-1]	1 [0-2]
Other staff involved in patient care	1 [1-2]	1 [0-3]
In training		
Medical doctors	3 [2-4]	1 [0-3]
Medical students	0 [0-1]	0 [0-2]
Nurses	1 [0-3]	1 [0-3]

Nursing aides	1 [1-1]	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? 13 (100%) Yes 337 (74.2%) Yes

6. Does the unit have a nutrition care strategy? 9 (69.2%) Yes 330 (72.7%) Yes

7. Is there a person in your unit responsible for nutrition care? 5 (38.5%) Yes 331 (72.9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 5 (38.5%) Yes 410 (90.3%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 8 (61.5%) Yes 282 (62.1%) Yes

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

At admission

No routine screening	5 (38.5%) Yes	46 (9.7%) Yes
No fixed criteria	-	10 (2.1%) Yes
Experience / visual assessment only	2 (15.4%) Yes	43 (9.1%) Yes
Weighing / BMI only	1 (7.7%) Yes	66 (13.9%) Yes
Nutritional Risk Screening (NRS) 2002	1 (7.7%) Yes	136 (28.6%) Yes
Malnutrition Universal Screening Tool (MUST)	1 (7.7%) Yes	29 (6.1%) Yes
Malnutrition Screening tool (MST)	1 (7.7%) Yes	42 (8.8%) Yes
SNAQ	1 (7.7%) Yes	2 (0.42%) Yes
Other formal tool	1 (7.7%) Yes	77 (16.2%) Yes
I do not know	-	3 (0.63%) Yes
Missing	-	21 (4.4%)

During hospital stay

No routine monitoring	1 (7.7%) Yes	44 (9.3%) Yes
No fixed criteria	-	44 (9.3%) Yes
Experience / visual assessment only	6 (46.2%) Yes	90 (18.9%) Yes
Weighing / BMI only	2 (15.4%) Yes	136 (28.6%) Yes
Other formal tool	4 (30.8%) Yes	130 (27.4%) Yes
I do not know	-	10 (2.1%) Yes
Missing	-	21 (4.4%)

11a. Do you routinely use guidelines or standards for nutrition care? 7 (53.8%) Yes 354 (78.8%) Yes

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

International guidelines	1 (14.3%) Yes	91 (25.7%) Yes
National guidelines	1 (14.3%) Yes	56 (15.8%) Yes
Standards on hospital level	2 (28.6%) Yes	119 (33.6%) Yes
Standards on unit level	2 (28.6%) Yes	24 (6.8%) Yes
Individual patient nutrition care plans	1 (14.3%) Yes	57 (16.1%) Yes
Other	-	4 (1.1%) Yes
Missing	-	3 (0.85%)

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

Watchful waiting	5 (38.5%) Yes	142 (29.9%) Yes
Discuss nutrition care activities during ward rounds	8 (61.5%) Yes	199 (41.9%) Yes
Develop an individual nutrition care plan	8 (61.5%) Yes	251 (52.8%) Yes
Initiate treatment / nutrition intervention	11 (84.6%) Yes	286 (60.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	9 (69.2%) Yes	292 (61.5%) Yes
Consult a medical professional	7 (53.8%) Yes	178 (37.5%) Yes
Calculate energy requirements	4 (30.8%) Yes	240 (50.5%) Yes
Calculate protein requirements	4 (30.8%) Yes	234 (49.3%) Yes

Malnourished

Watchful waiting	5 (38.5%) Yes	101 (21.3%) Yes
Discuss nutrition care activities during ward rounds	8 (61.5%) Yes	218 (45.9%) Yes
Develop an individual nutrition care plan	10 (76.9%) Yes	267 (56.2%) Yes
Initiate treatment / nutrition intervention	9 (69.2%) Yes	316 (66.5%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	11 (84.6%) Yes	294 (61.9%) Yes
Consult a medical professional	7 (53.8%) Yes	192 (40.4%) Yes
Calculate energy requirements	5 (38.5%) Yes	270 (56.8%) Yes
Calculate protein requirements	5 (38.5%) Yes	266 (56.0%) Yes

Every patient

Watchful waiting	7 (53.8%) Yes	204 (42.9%) Yes
Discuss nutrition care activities during ward rounds	2 (15.4%) Yes	131 (27.6%) Yes
Develop an individual nutrition care plan	1 (7.7%) Yes	79 (16.6%) Yes
Initiate treatment / nutrition intervention	1 (7.7%) Yes	61 (12.8%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (7.7%) Yes	77 (16.2%) Yes
Consult a medical professional	1 (7.7%) Yes	105 (22.1%) Yes
Calculate energy requirements	-	56 (11.8%) Yes
Calculate protein requirements	-	50 (10.5%) Yes

Never

Watchful waiting	1 (7.7%) Yes	35 (7.4%) Yes
Discuss nutrition care activities during ward rounds	1 (7.7%) Yes	38 (8.0%) Yes

Develop an individual nutrition care plan	1 (7.7%) Yes	32 (6.7%) Yes
Initiate treatment / nutrition intervention	1 (7.7%) Yes	6 (1.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (7.7%) Yes	8 (1.7%) Yes
Consult a medical professional	-	49 (10.3%) Yes
Calculate energy requirements	6 (46.2%) Yes	51 (10.7%) Yes
Calculate protein requirements	6 (46.2%) Yes	55 (11.6%) Yes

I do not know

Watchful waiting	-	22 (4.6%) Yes
Discuss nutrition care activities during ward rounds	-	11 (2.3%) Yes
Develop an individual nutrition care plan	-	5 (1.1%) Yes
Initiate treatment / nutrition intervention	-	5 (1.1%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	4 (0.84%) Yes
Consult a medical professional	2 (15.4%) Yes	19 (4.0%) Yes
Calculate energy requirements	1 (7.7%) Yes	12 (2.5%) Yes
Calculate protein requirements	1 (7.7%) Yes	14 (2.9%) Yes

13. When do you routinely weigh your patients?

at admission	7 (53.8%) Yes	300 (63.2%) Yes
Within 24 hours	3 (23.1%) Yes	70 (14.7%) Yes
Within 48 hours	-	20 (4.2%) Yes
Within 72 hours	-	14 (2.9%) Yes
Every week	5 (38.5%) Yes	164 (34.5%) Yes
Occasionally	1 (7.7%) Yes	60 (12.6%) Yes
When requested	8 (61.5%) Yes	212 (44.6%) Yes
At discharge	-	22 (4.6%) Yes
Never	-	8 (1.7%) Yes
I do not know	-	1 (0.21%) Yes
No answer given	1 (2.9%)	23 (4.8%)

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

Offer additional meals or in between snacks	9 (69.2%) Yes	350 (73.7%) Yes
Offer meal choices	7 (53.8%) Yes	348 (73.3%) Yes
Offer different portion sizes	1 (7.7%) Yes	292 (61.5%) Yes
Consider food presentation	3 (23.1%) Yes	198 (41.7%) Yes
Change food texture/consistency as needed	12 (92.3%) Yes	389 (81.9%) Yes
Consider patient problems with eating and drinking	12 (92.3%) Yes	385 (81.1%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	4 (30.8%) Yes	58 (12.2%) Yes
Promote positive eating environment	4 (30.8%) Yes	92 (19.4%) Yes
Consider cultural/religious preferences	13 (100%) Yes	200 (42.1%) Yes
Consider patient allergies / intolerances	13 (100%) Yes	228 (48.0%) Yes
Other	1 (7.7%) Yes	29 (6.1%) Yes
I do not know	-	6 (1.3%) Yes
No answer given	-	21 (4.4%)

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

Nutrition training is available	4 (30.8%) Yes	267 (56.2%) Yes
Reporting of nutrition related information to hospital managers	2 (15.4%) Yes	211 (44.4%) Yes
Quality indicators are recorded and reported to national or regional level	3 (23.1%) Yes	131 (27.6%) Yes
Quality indicators are used for internal benchmarking	4 (30.8%) Yes	175 (36.8%) Yes
Patient feedback about food and food service is collected using a questionnaire	11 (84.6%) Yes	302 (63.6%) Yes
None	2 (15.4%) Yes	21 (4.4%) Yes
I do not know	-	13 (2.7%) Yes
No answer given	-	37 (7.8%)

16. At admission what is asked and documented?

Change in weight	8 (61.5%) Yes	373 (78.5%) Yes
Eating habits/difficulties	13 (100%) Yes	349 (73.5%) Yes
Nutrition before admission	7 (53.8%) Yes	271 (57.1%) Yes
None	-	9 (1.9%) Yes
I do not know	-	5 (1.1%) Yes
No answer given	-	39 (8.2%)

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	5 (38.5%) Yes	335 (70.5%) Yes
nutrition treatment	4 (30.8%) Yes	280 (58.9%) Yes
None	7 (53.8%) Yes	30 (6.3%) Yes
I do not know	-	4 (0.84%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	3 (23.1%) Yes	171 (36.0%) Yes
makes future nutrition-related recommendations	5 (38.5%) Yes	269 (56.6%) Yes
None	7 (53.8%) Yes	56 (11.8%) Yes
I do not know	-	26 (5.5%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	2 (18.2%) Yes	171 (44.5%) Yes
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19. Who filled in this sheet?

Head staff	-	120 (25.3%) Yes
Dietician	3 (23.1%) Yes	244 (51.4%) Yes
Nurse	6 (46.2%) Yes	127 (26.7%) Yes
Physician	8 (61.5%) Yes	74 (15.6%) Yes
Administrative staff	-	4 (0.84%) Yes

Other	2 (15.4%) Yes	8 (1.7%) Yes
None	-	-
I do not know	-	3 (0.63%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	261	9133
Age	68 [57-80]	67 [53-78]
Female	119 (45.6%)	4630 (50.7%)
Weight	73.7±15.8	68.8±18.8
Height	165±10	164±10
BMI	27.2±5.2	25.4±6.0

1. This hospital admission was...

planned	86 (33.0%)	3186 (34.9%)
an emergency	173 (66.3%)	5234 (57.3%)
I do not know	2 (0.77%)	713 (7.8%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	32 (12.3%)	833 (9.1%)
0200 Neoplasms	96 (36.8%)	1451 (15.9%)
0300 Blood and bloodforming organs and the immune mechanism	44 (16.9%)	612 (6.7%)
0400 Endocrine, nutritional and metabolic diseases	30 (11.5%)	1103 (12.1%)
0500 Mental health	10 (3.8%)	340 (3.7%)
0600 Nervous system	21 (8.0%)	795 (8.7%)
0700 Eye and adnexa	1 (0.38%)	134 (1.5%)
0800 Ear and mastoid process	-	71 (0.78%)
0900 Circulatory system	44 (16.9%)	1817 (19.9%)
1000 Respiratory system	43 (16.5%)	1407 (15.4%)
1100 Digestive system	71 (27.2%)	2255 (24.7%)
1200 Skin and subcutaneous tissue	11 (4.2%)	444 (4.9%)
1300 Musculoskeletal system and connective tissue	38 (14.6%)	1332 (14.6%)
1400 Genitourinary system	30 (11.5%)	847 (9.3%)
1500 Pregnancy, childbirth and the puerperium	-	126 (1.4%)
1600 Conditions originating in the perinatal period	1 (0.38%)	22 (0.24%)
1700 Congenital/chromosomal abnormalities	-	9 (0.10%)
1800 Symptoms, signs, abnormal clinical/lab findings	16 (6.1%)	410 (4.5%)
1900 Injury, poisoning	8 (3.1%)	291 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	3 (1.1%)	173 (1.9%)
2100 Factors influencing health status and contact with health services	17 (6.5%)	214 (2.3%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	34 (14.4%)	1665 (22.5%)
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Myocardial infarction	16 (6.8%)	418 (5.9%)
Chronic lung disease	44 (18.3%)	1118 (15.3%)
Cerebral vascular disease	19 (8.1%)	768 (10.7%)
Peripheral vascular disease	20 (8.5%)	888 (12.3%)
Chronic liver disease	18 (7.6%)	457 (6.4%)
Chronic kidney disease	25 (10.6%)	853 (11.8%)
Diabetes	58 (24.3%)	1983 (26.8%)
Cancer	108 (45.0%)	1815 (24.8%)
Infection	24 (10.3%)	1166 (16.0%)
Dementia	7 (3.0%)	398 (5.6%)
Major depressive disorder	21 (9.0%)	390 (5.5%)
Other chronic mental disorder	11 (4.7%)	387 (5.5%)
Other chronic disease	104 (44.3%)	2029 (27.4%)
None	25 (9.6%)	1421 (15.6%)

4a. Previous operation during this hospital stay

Yes, planned	59 (22.6%)	1796 (19.7%)
Yes, acute	18 (6.9%)	561 (6.1%)
No	182 (69.7%)	6420 (70.3%)
I do not know	2 (0.77%)	130 (1.4%)
Missing	-	226 (2.5%)

Days since operation	7 [2-39]	4 [1-13]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	17 (6.5%)	766 (8.4%)
Yes, later	8 (3.1%)	536 (5.9%)
No	226 (86.6%)	6795 (74.4%)
I do not know	6 (2.3%)	417 (4.6%)
Missing	4 (1.5%)	619 (6.8%)

5. Previous ICU admission during this hospital stay? (Yes)	12 (4.6%)	982 (10.8%)
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6. Is this patient terminally ill?	24 (9.2%)	660 (7.2%)
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7. Fluid status

Normal	204 (78.2%)	7154 (78.3%)
Overloaded	9 (3.4%)	518 (5.7%)
Dehydrated	5 (1.9%)	475 (5.2%)
I do not know	43 (16.5%)	986 (10.8%)
Missing	-	-

8. Number of different medications planned

Oral	5 [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	46 (17.6%)	914 (10.0%)
At risk	41 (15.7%)	1610 (17.6%)
No	154 (59.0%)	5843 (64.0%)
I do not know	20 (7.7%)	766 (8.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	84 (32.2%)	3595 (39.4%)
5% Glucose solution	33 (12.6%)	877 (9.6%)

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

Regular hospital food	136 (52.1%)	5097 (55.8%)
Fortified/enriched hospital food	11 (4.2%)	801 (8.8%)
Protein/energy supplement (e.g. ONS drinks)	29 (11.1%)	1073 (11.7%)
Enteral nutrition	8 (3.1%)	495 (5.4%)
Parenteral nutrition	7 (2.7%)	485 (5.3%)
Special diet	95 (36.4%)	3173 (34.7%)
None	16 (6.1%)	506 (5.5%)

13a. All lines and Tubes

Central Venous	31 (11.9%)	752 (8.2%)
Peripheral venous access	182 (69.7%)	4362 (47.8%)
Nasogastric	7 (2.7%)	269 (2.9%)
Nasojejunal	1 (0.38%)	38 (0.42%)
Nasoduodenal	-	22 (0.24%)
Enterostoma	-	46 (0.50%)
Percutaneous endoscopy/surgical gastrostomy	2 (0.77%)	71 (0.78%)
Percutaneous endoscopy/surgical jejunostomy	1 (0.38%)	29 (0.32%)
None	51 (19.5%)	4024 (44.1%)

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

Yes, previously	13 (5.0%)	93 (1.0%)
Yes, ongoing	10 (3.8%)	80 (0.88%)
No	226 (86.6%)	7577 (83.0%)
I do not know	5 (1.9%)	871 (9.5%)
Missing	7 (2.7%)	512 (5.6%)

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

Energy requirements were determined	51 (19.5%)	3246 (35.5%)
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Protein requirements were determined	39 (14.9%)	2888 (31.6%)
Food/Nutrition intake was recorded in the patient record	60 (23.0%)	4124 (45.2%)
Nutrition treatment plan was developed	44 (16.9%)	3183 (34.9%)
Nutrition expert was consulted	40 (15.3%)	3050 (33.4%)
Malnutrition status is recorded in the patient record	56 (21.5%)	2529 (27.7%)
None	-	-

15a. Energy goal

< 500 kcal	7 (2.7%)	335 (3.7%)
500-999 kcal	-	109 (1.2%)
1000-1499 kcal	11 (4.2%)	957 (10.5%)
1500-1999 kcal	105 (40.2%)	2729 (29.9%)
>=2000 kcal	52 (19.9%)	993 (10.9%)
Not determined	72 (27.6%)	3222 (35.3%)
I do not know	14 (5.4%)	752 (8.2%)
Missing	-	36 (0.39%)

15b. Energy intake

< 500 kcal	7 (2.7%)	615 (6.7%)
500-999 kcal	-	525 (5.7%)
1000-1499 kcal	16 (6.1%)	1192 (13.1%)
1500-1999 kcal	47 (18.0%)	2032 (22.2%)
>=2000 kcal	11 (4.2%)	597 (6.5%)
Not determined	137 (52.5%)	2998 (32.8%)
I do not know	43 (16.5%)	1122 (12.3%)
Missing	-	52 (0.57%)

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

Improved	126 (48.3%)	4626 (50.7%)
Deteriorated	34 (13.0%)	514 (5.6%)
Remained the same	70 (26.8%)	2506 (27.4%)
This patient has just been admitted	14 (5.4%)	574 (6.3%)
I do not know	17 (6.5%)	913 (10.0%)
Missing	-	-

Length of hospital stay (days)	10 [7-25]	12 [6-24]
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Outcome Code

1= Still in the hospital	34 (13.0%)	796 (8.7%)
2= Transferred to another hospital	4 (1.5%)	219 (2.4%)
3= Transferred to long term care	11 (4.2%)	373 (4.1%)
4= Rehabilitation	4 (1.5%)	500 (5.5%)
5= Discharged home	196 (75.1%)	6731 (73.7%)
6= Death	12 (4.6%)	283 (3.1%)

7= Others	-	175 (1.9%)
Missing	-	56 (0.61%)
Readmitted since ND		
1= No	181 (79.7%)	6273 (77.4%)
2= Yes, same hospital planned	12 (5.3%)	483 (6.0%)
3= Yes, same hospital unplanned	10 (4.4%)	471 (5.8%)
4= Yes, different hospital planned	2 (0.88%)	45 (0.56%)
5= Yes, different hospital unplanned	2 (0.88%)	45 (0.56%)
6= Unknown	12 (5.3%)	366 (4.5%)
Missing	7 (3.1%)	428 (5.3%)

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	181 (69.9%)	6102 (69.3%)
I am vegetarian	2 (0.77%)	153 (1.7%)
I adhere to a vegan diet	1 (0.39%)	53 (0.60%)
I eat gluten-free diet	4 (1.5%)	78 (0.89%)
I avoid added sugars	49 (18.9%)	1353 (15.4%)
I avoid carbohydrates	11 (4.2%)	515 (5.9%)
I eat a low fat-diet	55 (21.2%)	1034 (11.8%)
I am lactose intolerant	12 (4.6%)	343 (3.9%)
Other special diet due to intolerances/allergies	-	179 (2.0%)
Other	16 (6.2%)	617 (7.0%)
No answer given	1 (0.39%)	217 (2.5%)
2. Where did you live before your current hospital admission?		
At home	241 (93.1%)	7771 (88.3%)
In a nursing home or other live-in facility	9 (3.5%)	295 (3.4%)
I was transferred from another hospital	6 (2.3%)	456 (5.2%)
Other	2 (0.77%)	147 (1.7%)
Missing	1 (0.39%)	131 (1.5%)
3. In general, are you able to walk?		
Yes	177 (68.3%)	5599 (63.6%)
Yes, with someone's help	22 (8.5%)	963 (10.9%)
Yes, independently using a cane, walker, or crutches	39 (15.1%)	1142 (13.0%)
No, I have a wheelchair	10 (3.9%)	383 (4.4%)
No, I am bedridden	8 (3.1%)	579 (6.6%)
Missing	3 (1.2%)	134 (1.5%)
4. In general, how would you say your health is?		
Very good	12 (4.6%)	633 (7.2%)
Good	94 (36.3%)	3217 (36.6%)
Fair	93 (35.9%)	3329 (37.8%)
Poor	51 (19.7%)	1202 (13.7%)
Very poor	6 (2.3%)	268 (3.0%)
Missing	3 (1.2%)	151 (1.7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	5 [3-10]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [1-2]	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	45 (17.4%)	1694 (19.3%)
3-5	88 (34.0%)	2352 (26.7%)
More than 5	82 (31.7%)	2722 (30.9%)
None	39 (15.1%)	1418 (16.1%)
I do not know	4 (1.5%)	449 (5.1%)
Missing	1 (0.39%)	165 (1.9%)

7. Do you have health insurance?		
Yes, private insurance only	17 (6.6%)	1319 (15.0%)
Yes, public insurance only	186 (71.8%)	4350 (49.4%)
Yes, both	25 (9.7%)	1115 (12.7%)
None	21 (8.1%)	1177 (13.4%)
I prefer not to answer	7 (2.7%)	510 (5.8%)
Missing	3 (1.2%)	329 (3.7%)

8. What was your weight 5 years ago?		
	75 [65-85]	70 [60-83]
I do not know	51 (19.7%)	2377 (27.0%)

9a. Have you lost weight within the last 3 months?		
Yes, intentionally	22 (8.5%)	827 (9.4%)
Yes, unintentionally	118 (45.6%)	3324 (37.8%)
No, my weight stayed the same	72 (27.8%)	2582 (29.3%)
No, I gained weight	26 (10.0%)	951 (10.8%)
I do not know	20 (7.7%)	907 (10.3%)
Missing	1 (0.39%)	209 (2.4%)

9b. If yes, how many kg did you lose?		
	7 [4-13]	6 [3-10]
I do not know	24 (17.1%)	701 (16.9%)

10. Did you know about your hospitalisation two days before admission? (Yes)		
	78 (31.7%)	3271 (39.2%)

11. Please indicate if you ...		
... were weighed at admission	103 (39.8%)	4927 (56.7%)
... were informed about your nutrition status	56 (21.8%)	2797 (32.5%)
... were informed about nutrition care options	59 (23.0%)	2491 (29.0%)
... received special nutrition care	57 (22.3%)	2357 (27.5%)

12. How well have you eaten in the week before you were admitted to the hospital?		
More than normal	16 (6.2%)	388 (4.4%)
Normal	172 (66.9%)	5401 (61.8%)
About 3/4 of normal	21 (8.2%)	844 (9.7%)
About half of normal	28 (10.9%)	1065 (12.2%)

About a quarter to nearly nothing	20 (7.8%)	791 (9.0%)
I do not know	-	88 (1.0%)
Missing	-	167 (1.9%)

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

Very satisfied	55 (21.4%)	2368 (27.1%)
Somewhat satisfied	50 (19.5%)	2629 (30.1%)
Neutral	73 (28.4%)	1752 (20.0%)
Dissatisfied	32 (12.5%)	691 (7.9%)
Very dissatisfied	19 (7.4%)	261 (3.0%)
I do not know	21 (8.2%)	726 (8.3%)
Missing	7 (2.7%)	317 (3.6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	61 (23.7%)	978 (11.2%)
Yes, from hospital staff	9 (3.5%)	581 (6.6%)
No	178 (69.3%)	6652 (76.1%)
I do not know	4 (1.6%)	113 (1.3%)
Missing	5 (1.9%)	420 (4.8%)

15. Were you able to eat without interruption TODAY? (Yes)	179 (72.5%)	6110 (74.6%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	114 (44.4%)	4213 (48.2%)
1/2	65 (25.3%)	2075 (23.7%)
1/4	35 (13.6%)	1064 (12.2%)
Nothing	36 (14.0%)	1004 (11.5%)
Missing	7 (2.7%)	388 (4.4%)

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

Standard	166 (64.6%)	5611 (64.2%)
Smaller	22 (8.6%)	811 (9.3%)
Larger	16 (6.2%)	344 (3.9%)
I do not know	22 (8.6%)	884 (10.1%)
Missing	31 (12.1%)	1094 (12.5%)

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

I did not like the type of food offered	38 (27.9%)	608 (14.7%)
I did not like the smell/taste of the food	32 (23.5%)	474 (11.4%)
The food did not fit my cultural/religious preferences	2 (1.5%)	54 (1.3%)
The food was too hot	-	15 (0.36%)
The food was too cold	7 (5.1%)	95 (2.3%)
Due to food allergy/intolerance	-	27 (0.65%)
I was not hungry at that time	29 (21.3%)	709 (17.1%)

I do not have my usual appetite	45 (33.1%)	1167 (28.2%)
I have problems chewing/swallowing	9 (6.6%)	239 (5.8%)
I normally eat less than what was served	17 (12.5%)	457 (11.0%)
I had nausea/vomiting	8 (5.9%)	345 (8.3%)
I was too tired	12 (8.8%)	227 (5.5%)
I cannot eat without help	7 (5.1%)	73 (1.8%)
I was not allowed to eat	16 (11.8%)	460 (11.1%)
I had an exam, surgery, or test and missed my meal	12 (8.8%)	243 (5.9%)
I did not get requested food	-	54 (1.3%)
No answer given	3 (2.2%)	510 (12.3%)

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

Water	4 [2-6]	3 [2-5]
Tea	1 [0-1]	1 [0-2]
Coffee	1 [1-2]	1 [0-2]
Milk	1 [1-2]	1 [0-1]
Fruit juice	1 [1-2]	1 [0-2]
Soft drinks	0 [0-1]	0 [0-1]
Nutrition drink	0 [0-2]	0 [0-1]
Other	0 [0-1]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? 61 (24.6%) 2179 (27.2%)

19b. If yes, what did you eat?

Sweet snacks	23 (37.7%)	548 (25.1%)
Salty snacks	8 (13.1%)	290 (13.3%)
Homemade food	15 (24.6%)	320 (14.7%)
Fruits	19 (31.1%)	774 (35.5%)
Dairy products	7 (11.5%)	221 (10.1%)
Food delivered/restaurant	4 (6.6%)	85 (3.9%)
Sandwich	13 (21.3%)	145 (6.7%)
Other	6 (9.8%)	429 (19.7%)

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

Increased	52 (20.2%)	1201 (13.7%)
Decreased	97 (37.7%)	2809 (32.1%)
Stayed the same	86 (33.5%)	3616 (41.4%)
I do not know	14 (5.4%)	601 (6.9%)
Missing	8 (3.1%)	517 (5.9%)

21. TODAY I feel...

Stronger than at admission	92 (35.8%)	3792 (43.4%)
Weaker than at admission	80 (31.1%)	1514 (17.3%)
Same as at admission	70 (27.2%)	2454 (28.1%)

I was admitted today	1 (0.39%)	239 (2.7%)
I do not know	10 (3.9%)	466 (5.3%)
Missing	4 (1.6%)	279 (3.2%)

22. Can you walk without assistance TODAY?

Yes	154 (59.9%)	5103 (58.4%)
No, only with assistance	58 (22.6%)	2181 (24.9%)
No, I stay in bed	36 (14.0%)	984 (11.3%)
Missing	9 (3.5%)	476 (5.4%)

23. Did anyone help you complete this questionnaire?	149 (58.7%)	5889 (69.0%)
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V. Oncology: Unit organisation and structures ("Sheet 1 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	7	116
Computerized system in hospital:	4 units (57%) YES	112 units (97%) YES
Nutritional treatment of cancer patients is part of overall care plan	6 units (86%) YES	98 units (84%) YES
Nutritional treatment is considered...		
Routinely	3 (42,9%)	59 (50,9%)
When patient asks	-	29 (25,0%)
When body weight loss > 10%	2 (28,6%)	39 (33,6%)
During palliative phase	-	33 (28,4%)
Other	2 (28,6%)	6 (5,17%)
Missing	1 (14,3%)	17 (14,7%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	-	7 (6,03%)
No knowledge of the field	-	7 (6,03%)
No reimbursement	-	7 (6,03%)
It feeds the tumour	-	1 (0,86%)
Other	1 (14,3%)	4 (3,45%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	2 (28,6%)	67 (57,8%)
Calculation of energy needs	3 (42,9%)	85 (73,3%)
Monitoring patients intake and use of oral supplements	4 (57,1%)	102 (87,9%)
None	-	4 (3,45%)
Other	-	5 (4,31%)
Missing	-	2 (1,72%)
Nutritional therapy is not used due to		
Lack of evidence	-	2 (1,72%)
Lack of experience	-	6 (5,17%)
No reimbursement	-	3 (2,59%)
Lack of dietitians	-	8 (6,90%)
Lack of other experts	-	3 (2,59%)
Other	-	1 (0,86%)
Missing	-	-

Assessment of parameters in cancer patients & methods used:

Anthropometry/Body composition:

Body weight

Regularly	7 (100%)	78 (67,2%)
At chemotherapy	-	12 (10,3%)
When necessary	-	23 (19,8%)
Never	-	1 (0,86%)
Unknown	-	1 (0,86%)
Missing	-	1 (0,86%)

Anthropometrics (circumference)

Regularly	1 (14,3%)	13 (11,2%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (28,6%)	42 (36,2%)
Never	4 (57,1%)	53 (45,7%)
Unknown	-	1 (0,86%)
Missing	-	6 (5,17%)

BIA

Regularly	-	5 (4,31%)
At chemotherapy	-	-
When necessary	2 (28,6%)	25 (21,6%)
Never	5 (71,4%)	78 (67,2%)
Unknown	-	3 (2,59%)
Missing	-	5 (4,31%)

CT SCAN

Regularly	-	6 (5,17%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (28,6%)	32 (27,6%)
Never	5 (71,4%)	70 (60,3%)
Unknown	-	3 (2,59%)
Missing	-	4 (3,45%)

DEXA

Regularly	-	2 (1,72%)
At chemotherapy	-	-
When necessary	-	16 (13,8%)
Never	7 (100%)	85 (73,3%)
Unknown	-	8 (6,90%)
Missing	-	5 (4,31%)

Other (body composition)

Regularly	-	1 (0,86%)
At chemotherapy	-	-
When necessary	-	17 (14,7%)

Never	5 (71,4%)	40 (34,5%)
Unknown	-	21 (18,1%)
Missing	2 (28,6%)	37 (31,9%)
Body function:		
Handgrip		
Regularly	-	6 (5,17%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (28,6%)	38 (32,8%)
Never	5 (71,4%)	61 (52,6%)
Unknown	-	4 (3,45%)
Missing	-	6 (5,17%)
6-minutes walking test		
Regularly	-	3 (2,59%)
At chemotherapy	-	-
When necessary	2 (28,6%)	33 (28,4%)
Never	5 (71,4%)	68 (58,6%)
Unknown	-	5 (4,31%)
Missing	-	7 (6,03%)
Other (body function)		
Regularly	-	4 (3,45%)
At chemotherapy	-	-
When necessary	-	24 (20,7%)
Never	5 (71,4%)	45 (38,8%)
Unknown	-	16 (13,8%)
Missing	2 (28,6%)	27 (23,3%)
Nutritional requirements, calculated		
Regularly	2 (28,6%)	34 (29,3%)
At chemotherapy	-	-
When necessary	5 (71,4%)	65 (56,0%)
Never	-	5 (4,31%)
Unknown	-	-
Missing	-	12 (10,3%)
Nutritional intake:		
Every meal		
Regularly	3 (42,9%)	32 (27,6%)
At chemotherapy	-	1 (0,86%)
When necessary	3 (42,9%)	51 (44,0%)
Never	1 (14,3%)	13 (11,2%)
Unknown	-	6 (5,17%)

Missing	-	13 (11,2%)
1 meal per day		
Regularly	-	12 (10,3%)
At chemotherapy	-	1 (0,86%)
When necessary	1 (14,3%)	36 (31,0%)
Never	3 (42,9%)	19 (16,4%)
Unknown	-	9 (7,76%)
Missing	3 (42,9%)	39 (33,6%)
2 meals per day		
Regularly	-	12 (10,3%)
At chemotherapy	-	-
When necessary	1 (14,3%)	35 (30,2%)
Never	3 (42,9%)	20 (17,2%)
Unknown	-	9 (7,76%)
Missing	3 (42,9%)	40 (34,5%)
24h recall		
Regularly	1 (14,3%)	28 (24,1%)
At chemotherapy	-	2 (1,72%)
When necessary	2 (28,6%)	41 (35,3%)
Never	2 (28,6%)	12 (10,3%)
Unknown	-	7 (6,03%)
Missing	2 (28,6%)	26 (22,4%)
Other (nutritional intake)		
Regularly	-	2 (1,72%)
At chemotherapy	-	-
When necessary	-	17 (14,7%)
Never	2 (28,6%)	22 (19,0%)
Unknown	-	18 (15,5%)
Missing	5 (71,4%)	57 (49,1%)
Questionnaire completed by		
Dietitian	-	42 (36,2%)
Nurse	2 (28,6%)	29 (25,0%)
Physician	2 (28,6%)	39 (33,6%)
Nutritional scientist	2 (28,6%)	5 (4,31%)
Other	1 (14,3%)	-
Missing	-	1 (0,86%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	97	1064
Demographic data:		
Age (years)	64 [23-88]	66 [18-96]
Female gender	41 (42,3%)	423 (39,8%)
Weight (kg)	69,4 ± 13,9	64,3 ± 16,9
Height (cm)	165,0 ± 9,9	165,4 ± 9,8
BMI (kg/m2)	25,8 ± 4,7	23,6 ± 4,8
Outpatient (o)/Ward (w)		
Outpatient(o)	32 (33,0%)	63 (5,92%)
Ward (w)	65 (67,0%)	997 (93,7%)
Missing	-	4 (0,38%)
Goal of Therapy		
Curative	67 (69,1%)	606 (57,0%)
Palliative	25 (25,8%)	359 (33,7%)
Terminal	4 (4,12%)	74 (6,95%)
Missing	1 (1,03%)	25 (2,35%)
Reason for admission		
Clinical diagnostics	7 (7,22%)	109 (10,2%)
Therapy	53 (54,6%)	516 (48,5%)
Surgery related	5 (5,15%)	225 (21,1%)
Treatment complications	6 (6,19%)	124 (11,7%)
Poor health status	27 (27,8%)	139 (13,1%)
Independent care difficult	-	8 (0,75%)
Missing	-	-
Present cancer diagnosis		
Breast	13 (13,4%)	59 (5,55%)
Colon, rectum	13 (13,4%)	172 (16,2%)
Prostate	3 (3,09%)	31 (2,91%)
Lung	14 (14,4%)	86 (8,08%)
Skin	1 (1,03%)	8 (0,75%)
Kidney/bladder	3 (3,09%)	31 (2,91%)
Gastric/oesophageal	3 (3,09%)	152 (14,3%)
Pancreas	5 (5,15%)	69 (6,48%)
Lymphoma	12 (12,4%)	102 (9,59%)
Ears nose throat (ENT)	4 (4,12%)	51 (4,79%)
Leukaemia	10 (10,3%)	77 (7,24%)
Genital tract	4 (4,12%)	38 (3,57%)

Liver	1 (1,03%)	106 (9,96%)
Sarcoma	1 (1,03%)	11 (1,03%)
Brain	1 (1,03%)	23 (2,16%)
Testicular	-	-
Other	12 (12,4%)	85 (7,99%)
Missing	-	11 (1,03%)

Time since diagnosis

0-2 months	21 (21,6%)	366 (34,4%)
3-5 months	15 (15,5%)	184 (17,3%)
6-12 months	30 (30,9%)	169 (15,9%)
1-2 years	9 (9,28%)	147 (13,8%)
2-4 years	7 (7,22%)	82 (7,71%)
> 4 years	14 (14,4%)	94 (8,83%)
Missing	1 (1,03%)	19 (1,79%)

Cancer staging

0=Carcinoma in situ	3 (3,09%)	55 (5,17%)
I=Localized	20 (20,6%)	244 (22,9%)
II=Early locally advanced	16 (16,5%)	176 (16,5%)
III=Late locally advanced	13 (13,4%)	176 (16,5%)
IV=Metastasised	28 (28,9%)	302 (28,4%)
Missing	17 (17,5%)	111 (10,4%)

Time since first therapy start

No therapy	15 (15,5%)	134 (12,6%)
Tumour staging/diagnosis	5 (5,15%)	67 (6,30%)
0-2 months	11 (11,3%)	290 (27,3%)
3-5 months	7 (7,22%)	145 (13,6%)
6-12 months	15 (15,5%)	153 (14,4%)
1-2 years	6 (6,19%)	114 (10,7%)
2-4 years	3 (3,09%)	64 (6,02%)
> 4 years	7 (7,22%)	104 (9,77%)
Missing	3 (3,09%)	16 (1,50%)

Therapy situation

Diagnosis	3 (3,09%)	109 (10,2%)
Chemotherapy 1st line	26 (26,8%)	191 (18,0%)
Chemotherapy > 1st line	5 (5,15%)	173 (16,3%)
Radiotherapy	32 (33,0%)	70 (6,58%)
Target therapy	2 (2,06%)	31 (2,91%)
Hormone therapy	1 (1,03%)	12 (1,13%)
Palliative	12 (12,4%)	121 (11,4%)
Surgery	5 (5,15%)	348 (32,7%)

Cancer related complications	10 (10,3%)	67 (6,30%)
Therapy related complications	7 (7,22%)	43 (4,04%)
Missing	-	13 (1,22%)

Infections

None	76 (78,4%)	808 (75,9%)
Local	14 (14,4%)	161 (15,1%)
General	7 (7,22%)	73 (6,86%)
Missing	-	22 (2,07%)

Nutrition Treatment

No special diet	61 (62,9%)	458 (43,0%)
Individualized diet plan	14 (14,4%)	305 (28,7%)
Energy rich/protein rich ONS	20 (20,6%)	121 (11,4%)
Enteral nutrition (via NGT/PEG)	5 (5,15%)	65 (6,11%)
Parenteral nutrition	2 (2,06%)	136 (12,8%)
ONS enriched with special nutrients	-	25 (2,35%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	13 (1,22%)
Personal preferences	2 (2,06%)	110 (10,3%)
Counselling	4 (4,12%)	54 (5,08%)
Other	5 (5,15%)	28 (2,63%)
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:	93	1056
Body weight prior to becoming ill	75 [43-131]	70 [22-180]
Actual body weight	71 [44-115]	63 [21-128]
Change in weight was		
Intentional	3 (3,09%)	31 (2,91%)
Unintentional	63 (64,9%)	644 (60,5%)
Weight is stable	16 (16,5%)	180 (16,9%)
Missing	3 (3,09%)	31 (2,91%)
During the last week		
Patients who have had pain:		
Not at all	34 (35,1%)	366 (34,4%)
A little	26 (26,8%)	294 (27,6%)
Quite a bit	19 (19,6%)	192 (18,0%)
Very much	9 (9,28%)	108 (10,2%)
Missing	6 (6,19%)	90 (8,46%)
Patients who needed a rest:		
Not at all	28 (28,9%)	261 (24,5%)
A little	25 (25,8%)	311 (29,2%)
Quite a bit	24 (24,7%)	243 (22,8%)
Very much	12 (12,4%)	131 (12,3%)
Missing	7 (7,22%)	98 (9,21%)
Patients who felt weak:		
Not at all	27 (27,8%)	255 (24,0%)
A little	27 (27,8%)	297 (27,9%)
Quite a bit	27 (27,8%)	260 (24,4%)
Very much	11 (11,3%)	142 (13,3%)
Missing	5 (5,15%)	95 (8,93%)
Patients who felt depressed:		
Not at all	39 (40,2%)	382 (35,9%)
A little	29 (29,9%)	337 (31,7%)
Quite a bit	16 (16,5%)	148 (13,9%)
Very much	6 (6,19%)	80 (7,52%)
Missing	5 (5,15%)	92 (8,65%)
Patients who were tired:		

Not at all	16 (16,5%)	272 (25,6%)
A little	31 (32,0%)	317 (29,8%)
Quite a bit	30 (30,9%)	240 (22,6%)
Very much	12 (12,4%)	124 (11,7%)
Missing	7 (7,22%)	92 (8,65%)

Patients whose pain interfered with their daily activities:

Not at all	45 (46,4%)	412 (38,7%)
A little	18 (18,6%)	250 (23,5%)
Quite a bit	13 (13,4%)	168 (15,8%)
Very much	11 (11,3%)	114 (10,7%)
Missing	7 (7,22%)	97 (9,12%)

Patients who lacked appetite:

Not at all	44 (45,4%)	386 (36,3%)
A little	22 (22,7%)	270 (25,4%)
Quite a bit	14 (14,4%)	171 (16,1%)
Very much	11 (11,3%)	119 (11,2%)
Missing	5 (5,15%)	98 (9,21%)

Just now

Patients who have pain:

Not at all	48 (49,5%)	411 (38,6%)
A little	29 (29,9%)	337 (31,7%)
Quite a bit	12 (12,4%)	150 (14,1%)
Very much	-	48 (4,51%)
Missing	6 (6,19%)	101 (9,49%)

Patients who need a rest:

Not at all	22 (22,7%)	225 (21,1%)
A little	41 (42,3%)	351 (33,0%)
Quite a bit	22 (22,7%)	263 (24,7%)
Very much	5 (5,15%)	102 (9,59%)
Missing	5 (5,15%)	100 (9,40%)

Patients who feel weak:

Not at all	31 (32,0%)	242 (22,7%)
A little	33 (34,0%)	337 (31,7%)
Quite a bit	20 (20,6%)	257 (24,2%)
Very much	7 (7,22%)	105 (9,87%)
Missing	5 (5,15%)	101 (9,49%)

Patients who are depressed:

Not at all	49 (50,5%)	413 (38,8%)
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A little	27 (27,8%)	338 (31,8%)
Quite a bit	13 (13,4%)	145 (13,6%)
Very much	-	47 (4,42%)
Missing	5 (5,15%)	99 (9,30%)

Patients who are tired:

Not at all	22 (22,7%)	253 (23,8%)
A little	42 (43,3%)	372 (35,0%)
Quite a bit	17 (17,5%)	230 (21,6%)
Very much	7 (7,22%)	88 (8,27%)
Missing	7 (7,22%)	98 (9,21%)

Patients whose pain interferes with their daily activities:

Not at all	42 (43,3%)	378 (35,5%)
A little	21 (21,6%)	285 (26,8%)
Quite a bit	16 (16,5%)	185 (17,4%)
Very much	8 (8,25%)	84 (7,89%)
Missing	7 (7,22%)	103 (9,68%)

Patients who lack appetite:

Not at all	48 (49,5%)	359 (33,7%)
A little	18 (18,6%)	301 (28,3%)
Quite a bit	18 (18,6%)	180 (16,9%)
Very much	5 (5,15%)	98 (9,21%)
Missing	5 (5,15%)	102 (9,59%)

Reasons for change in appetite/food intake

Nausea/Vomiting	18 (18,6%)	161 (15,1%)
Inflammation in mouth	6 (6,19%)	57 (5,36%)
Pain	14 (14,4%)	120 (11,3%)
Constipation	10 (10,3%)	69 (6,48%)
Diarrhea	8 (8,25%)	44 (4,14%)
Change in taste/smell	14 (14,4%)	108 (10,2%)
Early satiation/Loss of appetite	16 (16,5%)	252 (23,7%)
Other	11 (11,3%)	201 (18,9%)
Missing	3 (3,09%)	51 (4,79%)

Maximum activity performed by patients

Able to do sports	3 (3,09%)	46 (4,32%)
Fully active	12 (12,4%)	141 (13,3%)
Able to carry out light activities	33 (34,0%)	210 (19,7%)
Able to carry out self care	18 (18,6%)	236 (22,2%)
Able to carry out limited self care	9 (9,28%)	156 (14,7%)
Confined to bed or chair	15 (15,5%)	156 (14,7%)

Missing	7 (7,22%)	99 (9,30%)
Patient takes additional (without prescription)		
Nothing	72 (74,2%)	696 (65,4%)
Herbal tea	7 (7,22%)	78 (7,33%)
Nutritional supplements	3 (3,09%)	67 (6,30%)
Multivitamin	2 (2,06%)	37 (3,48%)
Other medication	3 (3,09%)	44 (4,14%)
Other	3 (3,09%)	52 (4,89%)
Missing	8 (8,25%)	125 (11,7%)
Additional activities performed		
Nothing	62 (63,9%)	797 (74,9%)
Psychotherapy	1 (1,03%)	17 (1,60%)
Yoga	1 (1,03%)	10 (0,94%)
Meditation	5 (5,15%)	22 (2,07%)
Progressive muscle relaxation	-	15 (1,41%)
Qigong	-	1 (0,09%)
Other	19 (19,6%)	74 (6,95%)
Missing	10 (10,3%)	138 (13,0%)
Patients having difficulties in complying with treatment		
	16 (16,5%)	246 (23,1%)
Patients needing help to complete questionnaire		
	39 (40,2%)	640 (60,2%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:		
	65 (67,0%)	639 (60,1%)