



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:

<b>Number of participated center:</b>	<b>21</b>
<b>Number of participated units:</b>	<b>30</b>
<b>Number of patients:</b>	<b>476</b>
<b>Number of patients who gave consent:</b>	<b>430</b>
<b>Number of patients completing Sheet 3a:</b>	<b>378</b>
<b>Number of patients completing Sheet 3b:</b>	<b>379</b>
<b>Number of cancer patients:</b>	<b>71</b>
<b>Number of patients completing Sheet 2_onco:</b>	<b>13</b>
<b>Number of patients completing Sheet 3_onco:</b>	<b>13</b>
<b>Number of patients with 30-day outcome assessment:</b>	<b>352</b>

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
<b>1. Total number of beds in hospital</b>	286 [168-507]	290 [162-548]
<b>2. Total number of admissions in the hospital last year</b>	16226 [10630-33531]	16544 [7529-35485]
<b>3. Total number of staff in the hospital</b>		
Total medical doctors	174 [65-328]	161 [64-352]
Medical specialists	119 [10-352]	108 [42-202]
Medical non-specialists	34 [16-64]	33 [11-78]
Nurses	363 [240-582]	347 [123-753]
Dieticians	5 [3-9]	4 [2-8]
Nutritionists	0 [0-0]	1 [0-4]
Pharmacists	10 [4-22]	6 [3-17]
Kitchen staff	52 [32-90]	29 [13-53]
<b>Full time equivalent</b>		
Total medical doctors	207 [96-300]	119 [53-333]
Medical specialists	112 [48-225]	88 [43-204]
Medical non-specialists	40 [28-55]	31 [10-79]
Nurses	379 [368-621]	309 [119-725]
Dieticians	5 [3-11]	4 [2-7]
Nutritionists	0 [0-0]	1 [0-3]
Pharmacists	21 [14-24]	5 [3-15]
Kitchen staff	48 [29-55]	22 [13-46]
<b>4. Does the hospital have a nutrition care strategy?</b>	16 (80.0%) Yes	203 (77.5%) Yes
<b>5. Which nutrition-related standards or routine activities exist in your hospital?</b>		
Nutrition training is available	14 (70.0%) Yes	170 (64.9%) Yes
Nutrition steering committee is available	8 (40.0%) Yes	151 (57.6%) Yes
Quality indicators are recorded and reported to national or regional level	10 (50.0%) Yes	105 (40.1%) Yes
Quality indicators are used for internal benchmarking	18 (90.0%) Yes	134 (51.1%) Yes
Patient feedback about food and food service is collected using a questionnaire	18 (90.0%) Yes	184 (70.2%) Yes
None	-	17 (6.5%) Yes
No answer given	-	-
<b>6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?</b>		
<b>Codes available</b>		
Nutrition Support	5 (25.0%) Yes	121 (46.2%) Yes
Oral nutrition supplements	3 (15.0%) Yes	99 (37.8%) Yes

Parenteral nutrition	8 (40.0%) Yes	139 (53.1%) Yes
Enteral nutrition	7 (35.0%) Yes	119 (45.4%) Yes
Dietary counseling	5 (25.0%) Yes	86 (32.8%) Yes
Specific dietary interventions	1 (5.0%) Yes	70 (26.7%) Yes
Screening for malnutrition	3 (15.0%) Yes	61 (23.3%) Yes
Risk of malnutrition	1 (5.0%) Yes	63 (24.0%) Yes
Malnutrition (in general)	11 (55.0%) Yes	118 (45.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	16 (80.0%) Yes	114 (43.5%) Yes
No information available from billing/finance/controlling	3 (15.0%) Yes	39 (14.9%) Yes
No answer given	-	21 (8.0%)

### Codes routinely used

Nutrition Support	5 (25.0%) Yes	100 (38.2%) Yes
Oral nutrition supplements	3 (15.0%) Yes	82 (31.3%) Yes
Parenteral nutrition	7 (35.0%) Yes	123 (46.9%) Yes
Enteral nutrition	6 (30.0%) Yes	103 (39.3%) Yes
Dietary counseling	5 (25.0%) Yes	68 (26.0%) Yes
Specific dietary interventions	1 (5.0%) Yes	59 (22.5%) Yes
Screening for malnutrition	1 (5.0%) Yes	48 (18.3%) Yes
Risk of malnutrition	-	44 (16.8%) Yes
Malnutrition (in general)	11 (55.0%) Yes	98 (37.4%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	14 (70.0%) Yes	98 (37.4%) Yes
No information available from billing/finance/controlling	3 (15.0%) 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	12 (40.0%)	20.2%
Internal Medicine / Cardiology	4 (13.3%)	5.5%
Internal Medicine / Gastroenterology & hepatology	1 (3.3%)	6.5%
Internal Medicine / Geriatrics	-	8.2%
Internal Medicine / Infectious diseases	-	1.1%
Internal Medicine / Nephrology	1 (3.3%)	1.1%
Internal Medicine / Oncology (incl. radiotherapy)	-	7.6%
Interdisciplinary	-	4.4%
Long term care	-	2.1%
Neurology	1 (3.3%)	2.9%
Surgery / General	4 (13.3%)	17.3%
Surgery/ Cardiac/Vascular/Thoracic	-	1.5%
Surgery / Neurosurgery	-	1.1%
Surgery / Orthopedic	-	4.2%
Trauma	-	1.5%
Ear Nose Throat (ENT)	-	1.5%
Gynecology / Obstetrics	-	2.1%
Pediatrics	-	0.0%
Psychiatry	-	0.6%
Others	7 (23.3%)	10.7%
<b>2. Number of registered inpatients at noon</b>	25 [18-30]	25 [18-34]
<b>3. Total bed capacity of the unit</b>	32 [26-38]	31 [25-44]
<b>4. Number of each type of staff in the unit for TODAY’s morning shift</b>		
<b>Fully trained</b>		
Medical doctors	5 [3-8]	4 [2-8]
Nurses	6 [5-9]	5 [4-8]
Nursing aides	3 [2-4]	2 [1-4]
Dieticians	1 [1-1]	1 [0-1]
Nutritionists	0 [0-0]	0 [0-1]
Administrative staff	2 [1-2]	1 [0-2]
Other staff involved in patient care	3 [1-4]	1 [0-3]
<b>In training</b>		
Medical doctors	2 [0-4]	1 [0-3]
Medical students	2 [2-5]	0 [0-2]
Nurses	1 [1-2]	1 [0-3]

Nursing aides	0 [0-0]	0 [0-0]
Dieticians	0 [0-0]	0 [0-0]
Nutritionists	0 [0-0]	0 [0-0]
Other staff involved in patient care	5 [3-8]	0 [0-0]

**5. Is there a nutrition support team in your hospital available?** 9 (37.5%) Yes 337 (74.2%) Yes

**6. Does the unit have a nutrition care strategy?** 21 (87.5%) Yes 330 (72.7%) Yes

**7. Is there a person in your unit responsible for nutrition care?** 23 (95.8%) Yes 331 (72.9%) Yes

**8. Is there a dietician, nutritionist or dietetic assistant available for your unit?** 24 (100%) Yes 410 (90.3%) Yes

**9. Is specific staff responsible for providing feeding assistance to patients during meal times?** 16 (66.7%) Yes 282 (62.1%) Yes

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

**At admission**

No routine screening	-	46 (9.7%) Yes
No fixed criteria	-	10 (2.1%) Yes
Experience / visual assessment only	-	43 (9.1%) Yes
Weighing / BMI only	-	66 (13.9%) Yes
Nutritional Risk Screening (NRS) 2002	-	136 (28.6%) Yes
Malnutrition Universal Screening Tool (MUST)	1 (3.3%) Yes	29 (6.1%) Yes
Malnutrition Screening tool (MST)	17 (56.7%) Yes	42 (8.8%) Yes
SNAQ	2 (6.7%) Yes	2 (0.42%) Yes
Other formal tool	4 (13.3%) Yes	77 (16.2%) Yes
I do not know	-	3 (0.63%) Yes
Missing	6 (20.0%)	21 (4.4%)

**During hospital stay**

No routine monitoring	3 (10.0%) Yes	44 (9.3%) Yes
No fixed criteria	7 (23.3%) Yes	44 (9.3%) Yes
Experience / visual assessment only	2 (6.7%) Yes	90 (18.9%) Yes
Weighing / BMI only	-	136 (28.6%) Yes
Other formal tool	12 (40.0%) Yes	130 (27.4%) Yes
I do not know	-	10 (2.1%) Yes
Missing	6 (20.0%)	21 (4.4%)

**11a. Do you routinely use guidelines or standards for nutrition care?** 22 (100%) Yes 354 (78.8%) Yes

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

International guidelines	1 (4.5%) Yes	91 (25.7%) Yes
National guidelines	10 (45.5%) Yes	56 (15.8%) Yes
Standards on hospital level	8 (36.4%) Yes	119 (33.6%) Yes
Standards on unit level	-	24 (6.8%) Yes
Individual patient nutrition care plans	3 (13.6%) 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	8 (26.7%) Yes	142 (29.9%) Yes
Discuss nutrition care activities during ward rounds	12 (40.0%) Yes	199 (41.9%) Yes
Develop an individual nutrition care plan	22 (73.3%) Yes	251 (52.8%) Yes
Initiate treatment / nutrition intervention	21 (70.0%) Yes	286 (60.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	23 (76.7%) Yes	292 (61.5%) Yes
Consult a medical professional	16 (53.3%) Yes	178 (37.5%) Yes
Calculate energy requirements	21 (70.0%) Yes	240 (50.5%) Yes
Calculate protein requirements	21 (70.0%) Yes	234 (49.3%) Yes

**Malnourished**

Watchful waiting	5 (16.7%) Yes	101 (21.3%) Yes
Discuss nutrition care activities during ward rounds	11 (36.7%) Yes	218 (45.9%) Yes
Develop an individual nutrition care plan	21 (70.0%) Yes	267 (56.2%) Yes
Initiate treatment / nutrition intervention	21 (70.0%) Yes	316 (66.5%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	22 (73.3%) Yes	294 (61.9%) Yes
Consult a medical professional	16 (53.3%) Yes	192 (40.4%) Yes
Calculate energy requirements	20 (66.7%) Yes	270 (56.8%) Yes
Calculate protein requirements	20 (66.7%) Yes	266 (56.0%) Yes

**Every patient**

Watchful waiting	12 (40.0%) Yes	204 (42.9%) Yes
Discuss nutrition care activities during ward rounds	12 (40.0%) Yes	131 (27.6%) Yes
Develop an individual nutrition care plan	1 (3.3%) Yes	79 (16.6%) Yes
Initiate treatment / nutrition intervention	2 (6.7%) Yes	61 (12.8%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (3.3%) Yes	77 (16.2%) Yes
Consult a medical professional	5 (16.7%) Yes	105 (22.1%) Yes
Calculate energy requirements	3 (10.0%) Yes	56 (11.8%) Yes
Calculate protein requirements	3 (10.0%) Yes	50 (10.5%) Yes

**Never**

Watchful waiting	5 (16.7%) Yes	35 (7.4%) Yes
Discuss nutrition care activities during ward rounds	1 (3.3%) Yes	38 (8.0%) Yes

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

#### I do not know

Watchful waiting	2 (6.7%) Yes	22 (4.6%) Yes
Discuss nutrition care activities during ward rounds	1 (3.3%) Yes	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	1 (3.3%) Yes	19 (4.0%) Yes
Calculate energy requirements	-	12 (2.5%) Yes
Calculate protein requirements	-	14 (2.9%) Yes

#### 13. When do you routinely weigh your patients?

at admission	19 (63.3%) Yes	300 (63.2%) Yes
Within 24 hours	6 (20.0%) Yes	70 (14.7%) Yes
Within 48 hours	-	20 (4.2%) Yes
Within 72 hours	-	14 (2.9%) Yes
Every week	6 (20.0%) Yes	164 (34.5%) Yes
Occasionally	5 (16.7%) Yes	60 (12.6%) Yes
When requested	14 (46.7%) 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	23 (76.7%) Yes	350 (73.7%) Yes
Offer meal choices	24 (80.0%) Yes	348 (73.3%) Yes
Offer different portion sizes	13 (43.3%) Yes	292 (61.5%) Yes
Consider food presentation	15 (50.0%) Yes	198 (41.7%) Yes
Change food texture/consistency as needed	23 (76.7%) Yes	389 (81.9%) Yes
Consider patient problems with eating and drinking	23 (76.7%) Yes	385 (81.1%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	4 (13.3%) Yes	58 (12.2%) Yes
Promote positive eating environment	12 (40.0%) Yes	92 (19.4%) Yes
Consider cultural/religious preferences	24 (80.0%) Yes	200 (42.1%) Yes
Consider patient allergies / intolerances	24 (80.0%) Yes	228 (48.0%) Yes
Other	1 (3.3%) Yes	29 (6.1%) Yes
I do not know	-	6 (1.3%) Yes
No answer given	6 (20.0%)	21 (4.4%)

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

Nutrition training is available	10 (33.3%) Yes	267 (56.2%) Yes
Reporting of nutrition related information to hospital managers	18 (60.0%) Yes	211 (44.4%) Yes
Quality indicators are recorded and reported to national or regional level	12 (40.0%) Yes	131 (27.6%) Yes
Quality indicators are used for internal benchmarking	18 (60.0%) Yes	175 (36.8%) Yes
Patient feedback about food and food service is collected using a questionnaire	23 (76.7%) Yes	302 (63.6%) Yes
None	-	21 (4.4%) Yes
I do not know	-	13 (2.7%) Yes
No answer given	6 (20.0%)	37 (7.8%)

**16. At admission what is asked and documented?**

Change in weight	24 (80.0%) Yes	373 (78.5%) Yes
Eating habits/difficulties	23 (76.7%) Yes	349 (73.5%) Yes
Nutrition before admission	17 (56.7%) Yes	271 (57.1%) Yes
None	-	9 (1.9%) Yes
I do not know	-	5 (1.1%) Yes
No answer given	6 (20.0%)	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	22 (73.3%) Yes	335 (70.5%) Yes
nutrition treatment	17 (56.7%) Yes	280 (58.9%) Yes
None	-	30 (6.3%) Yes
I do not know	-	4 (0.84%) Yes

**b. Discharge Letter ...**

summarizes nutrition treatment received during stay	13 (43.3%) Yes	171 (36.0%) Yes
makes future nutrition-related recommendations	15 (50.0%) Yes	269 (56.6%) Yes
None	4 (13.3%) Yes	56 (11.8%) Yes
I do not know	1 (3.3%) Yes	26 (5.5%) Yes

<b>18. Do you provide brochures about malnutrition to at risk/malnourished patients?</b>	1 (4.3%) Yes	171 (44.5%) Yes
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**19. Who filled in this sheet?**

Head staff	6 (20.0%) Yes	120 (25.3%) Yes
Dietician	23 (76.7%) Yes	244 (51.4%) Yes
Nurse	1 (3.3%) Yes	127 (26.7%) Yes
Physician	-	74 (15.6%) Yes
Administrative staff	1 (3.3%) Yes	4 (0.84%) Yes



Other	-	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	430	9133
Age	65 [54-76]	67 [53-78]
Female	237 (55.1%)	4630 (50.7%)
Weight	84.5±27.9	68.8±18.8
Height	169±11	164±10
BMI	29.5±9.0	25.4±6.0

#### 1. This hospital admission was...

planned	69 (16.0%)	3186 (34.9%)
an emergency	339 (78.8%)	5234 (57.3%)
I do not know	22 (5.1%)	713 (7.8%)
No answer given	-	-

#### 2a. Diagnosis at admission

0100 Infectious and parasitic diseases	70 (16.3%)	833 (9.1%)
0200 Neoplasms	16 (3.7%)	1451 (15.9%)
0300 Blood and bloodforming organs and the immune mechanism	22 (5.1%)	612 (6.7%)
0400 Endocrine, nutritional and metabolic diseases	68 (15.8%)	1103 (12.1%)
0500 Mental health	36 (8.4%)	340 (3.7%)
0600 Nervous system	28 (6.5%)	795 (8.7%)
0700 Eye and adnexa	2 (0.47%)	134 (1.5%)
0800 Ear and mastoid process	2 (0.47%)	71 (0.78%)
0900 Circulatory system	122 (28.4%)	1817 (19.9%)
1000 Respiratory system	98 (22.8%)	1407 (15.4%)
1100 Digestive system	71 (16.5%)	2255 (24.7%)
1200 Skin and subcutaneous tissue	36 (8.4%)	444 (4.9%)
1300 Musculoskeletal system and connective tissue	38 (8.8%)	1332 (14.6%)
1400 Genitourinary system	39 (9.1%)	847 (9.3%)
1500 Pregnancy, childbirth and the puerperium	2 (0.47%)	126 (1.4%)
1600 Conditions originating in the perinatal period	-	22 (0.24%)
1700 Congenital/chromosomal abnormalities	3 (0.70%)	9 (0.10%)
1800 Symptoms, signs, abnormal clinical/lab findings	71 (16.5%)	410 (4.5%)
1900 Injury, poisoning	17 (4.0%)	291 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	6 (1.4%)	173 (1.9%)
2100 Factors influencing health status and contact with health services	12 (2.8%)	214 (2.3%)
No answer given	-	-

#### 3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	201 (47.9%)	1665 (22.5%)
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Myocardial infarction	32 (7.9%)	418 (5.9%)
Chronic lung disease	97 (23.7%)	1118 (15.3%)
Cerebral vascular disease	58 (14.3%)	768 (10.7%)
Peripheral vascular disease	45 (11.0%)	888 (12.3%)
Chronic liver disease	32 (7.9%)	457 (6.4%)
Chronic kidney disease	90 (22.0%)	853 (11.8%)
Diabetes	157 (38.2%)	1983 (26.8%)
Cancer	71 (17.4%)	1815 (24.8%)
Infection	88 (21.7%)	1166 (16.0%)
Dementia	26 (6.5%)	398 (5.6%)
Major depressive disorder	51 (12.6%)	390 (5.5%)
Other chronic mental disorder	55 (13.5%)	387 (5.5%)
Other chronic disease	201 (48.4%)	2029 (27.4%)
None	24 (5.6%)	1421 (15.6%)

#### 4a. Previous operation during this hospital stay

Yes, planned	55 (12.8%)	1796 (19.7%)
Yes, acute	25 (5.8%)	561 (6.1%)
No	345 (80.2%)	6420 (70.3%)
I do not know	2 (0.47%)	130 (1.4%)
Missing	3 (0.70%)	226 (2.5%)

Days since operation	2 [1-5]	4 [1-13]
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#### 4b. Planned operation during this hospital stay

Yes, today or tomorrow	20 (4.7%)	766 (8.4%)
Yes, later	11 (2.6%)	536 (5.9%)
No	382 (88.8%)	6795 (74.4%)
I do not know	5 (1.2%)	417 (4.6%)
Missing	12 (2.8%)	619 (6.8%)

<b>5. Previous ICU admission during this hospital stay? (Yes)</b>	34 (7.9%)	982 (10.8%)
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<b>6. Is this patient terminally ill?</b>	14 (3.3%)	660 (7.2%)
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#### 7. Fluid status

Normal	269 (62.6%)	7154 (78.3%)
Overloaded	65 (15.1%)	518 (5.7%)
Dehydrated	23 (5.3%)	475 (5.2%)
I do not know	73 (17.0%)	986 (10.8%)
Missing	-	-

#### 8. Number of different medications planned

Oral	7 [4-10]	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	36 (8.4%)	914 (10.0%)
At risk	49 (11.4%)	1610 (17.6%)
No	335 (77.9%)	5843 (64.0%)
I do not know	10 (2.3%)	766 (8.4%)
Missing	-	-

### 10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	198 (46.0%)	3595 (39.4%)
5% Glucose solution	30 (7.0%)	877 (9.6%)

<b>11. Number of ONS drinks planned</b>	0 [0-0]	0 [0-0]
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### 12. Nutrition intake

Regular hospital food	283 (65.8%)	5097 (55.8%)
Fortified/enriched hospital food	4 (0.93%)	801 (8.8%)
Protein/energy supplement (e.g. ONS drinks)	72 (16.7%)	1073 (11.7%)
Enteral nutrition	7 (1.6%)	495 (5.4%)
Parenteral nutrition	2 (0.47%)	485 (5.3%)
Special diet	264 (61.4%)	3173 (34.7%)
None	24 (5.6%)	506 (5.5%)

### 13a. All lines and Tubes

Central Venous	59 (13.7%)	752 (8.2%)
Peripheral venous access	296 (68.8%)	4362 (47.8%)
Nasogastric	4 (0.93%)	269 (2.9%)
Nasojejunal	-	38 (0.42%)
Nasoduodenal	-	22 (0.24%)
Enterostoma	-	46 (0.50%)
Percutaneous endoscopy/surgical gastrostomy	3 (0.70%)	71 (0.78%)
Percutaneous endoscopy/surgical jejunostomy	3 (0.70%)	29 (0.32%)
None	85 (19.8%)	4024 (44.1%)

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

Yes, previously	6 (1.4%)	93 (1.0%)
Yes, ongoing	4 (0.93%)	80 (0.88%)
No	390 (90.7%)	7577 (83.0%)
I do not know	20 (4.7%)	871 (9.5%)
Missing	10 (2.3%)	512 (5.6%)

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

Energy requirements were determined	161 (37.4%)	3246 (35.5%)
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Protein requirements were determined	161 (37.4%)	2888 (31.6%)
Food/Nutrition intake was recorded in the patient record	297 (69.1%)	4124 (45.2%)
Nutrition treatment plan was developed	177 (41.2%)	3183 (34.9%)
Nutrition expert was consulted	154 (35.8%)	3050 (33.4%)
Malnutrition status is recorded in the patient record	127 (29.5%)	2529 (27.7%)
None	-	-

### 15a. Energy goal

< 500 kcal	7 (1.6%)	335 (3.7%)
500-999 kcal	-	109 (1.2%)
1000-1499 kcal	35 (8.1%)	957 (10.5%)
1500-1999 kcal	107 (24.9%)	2729 (29.9%)
>=2000 kcal	28 (6.5%)	993 (10.9%)
Not determined	246 (57.2%)	3222 (35.3%)
I do not know	7 (1.6%)	752 (8.2%)
Missing	-	36 (0.39%)

### 15b. Energy intake

< 500 kcal	27 (6.3%)	615 (6.7%)
500-999 kcal	15 (3.5%)	525 (5.7%)
1000-1499 kcal	33 (7.7%)	1192 (13.1%)
1500-1999 kcal	82 (19.1%)	2032 (22.2%)
>=2000 kcal	13 (3.0%)	597 (6.5%)
Not determined	217 (50.5%)	2998 (32.8%)
I do not know	43 (10.0%)	1122 (12.3%)
Missing	-	52 (0.57%)

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

Improved	212 (49.3%)	4626 (50.7%)
Deteriorated	10 (2.3%)	514 (5.6%)
Remained the same	88 (20.5%)	2506 (27.4%)
This patient has just been admitted	33 (7.7%)	574 (6.3%)
I do not know	87 (20.2%)	913 (10.0%)
Missing	-	-

Length of hospital stay (days)	7 [4-11]	12 [6-24]
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### Outcome Code

1= Still in the hospital	5 (1.2%)	796 (8.7%)
2= Transferred to another hospital	3 (0.70%)	219 (2.4%)
3= Transferred to long term care	31 (7.2%)	373 (4.1%)
4= Rehabilitation	39 (9.1%)	500 (5.5%)
5= Discharged home	261 (60.7%)	6731 (73.7%)
6= Death	5 (1.2%)	283 (3.1%)

7= Others	8 (1.9%)	175 (1.9%)
Missing	78 (18.1%)	56 (0.61%)
Readmitted since ND		
1= No	264 (77.9%)	6273 (77.4%)
2= Yes, same hospital planned	14 (4.1%)	483 (6.0%)
3= Yes, same hospital unplanned	57 (16.8%)	471 (5.8%)
4= Yes, different hospital planned	1 (0.29%)	45 (0.56%)
5= Yes, different hospital unplanned	1 (0.29%)	45 (0.56%)
6= Unknown	-	366 (4.5%)
Missing	3 (0.88%)	428 (5.3%)

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

	YOUR RESULTS	REFERENCE RESULTS
<b>1. What are your typical dietary habits?</b>		
No special dietary habits	228 (60.3%)	6102 (69.3%)
I am vegetarian	4 (1.1%)	153 (1.7%)
I adhere to a vegan diet	-	53 (0.60%)
I eat gluten-free diet	7 (1.9%)	78 (0.89%)
I avoid added sugars	53 (14.0%)	1353 (15.4%)
I avoid carbohydrates	33 (8.7%)	515 (5.9%)
I eat a low fat-diet	29 (7.7%)	1034 (11.8%)
I am lactose intolerant	11 (2.9%)	343 (3.9%)
Other special diet due to intolerances/allergies	14 (3.7%)	179 (2.0%)
Other	70 (18.5%)	617 (7.0%)
No answer given	6 (1.6%)	217 (2.5%)
<b>2. Where did you live before your current hospital admission?</b>		
At home	332 (87.8%)	7771 (88.3%)
In a nursing home or other live-in facility	28 (7.4%)	295 (3.4%)
I was transferred from another hospital	8 (2.1%)	456 (5.2%)
Other	9 (2.4%)	147 (1.7%)
Missing	1 (0.26%)	131 (1.5%)
<b>3. In general, are you able to walk?</b>		
Yes	223 (59.0%)	5599 (63.6%)
Yes, with someone's help	32 (8.5%)	963 (10.9%)
Yes, independently using a cane, walker, or crutches	85 (22.5%)	1142 (13.0%)
No, I have a wheelchair	25 (6.6%)	383 (4.4%)
No, I am bedridden	11 (2.9%)	579 (6.6%)
Missing	2 (0.53%)	134 (1.5%)
<b>4. In general, how would you say your health is?</b>		
Very good	27 (7.1%)	633 (7.2%)
Good	121 (32.0%)	3217 (36.6%)
Fair	144 (38.1%)	3329 (37.8%)
Poor	66 (17.5%)	1202 (13.7%)
Very poor	15 (4.0%)	268 (3.0%)
Missing	5 (1.3%)	151 (1.7%)
<b>5. Over the last 12 months prior to your current hospital admission approximately...</b>		
... how many times have you seen a doctor?	5 [2-10]	4 [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?	4 [1-10]	5 [0-15]

<b>6. How many different medications do you take routinely each day (prior to hospitalisation)?</b>		
1-2	42 (11.1%)	1694 (19.3%)
3-5	96 (25.4%)	2352 (26.7%)
More than 5	194 (51.3%)	2722 (30.9%)
None	33 (8.7%)	1418 (16.1%)
I do not know	9 (2.4%)	449 (5.1%)
Missing	4 (1.1%)	165 (1.9%)

<b>7. Do you have health insurance?</b>		
Yes, private insurance only	64 (16.9%)	1319 (15.0%)
Yes, public insurance only	130 (34.4%)	4350 (49.4%)
Yes, both	80 (21.2%)	1115 (12.7%)
None	24 (6.3%)	1177 (13.4%)
I prefer not to answer	43 (11.4%)	510 (5.8%)
Missing	37 (9.8%)	329 (3.7%)

<b>8. What was your weight 5 years ago?</b>	82 [66-101]	70 [60-83]
I do not know	77 (20.4%)	2377 (27.0%)

<b>9a. Have you lost weight within the last 3 months?</b>		
Yes, intentionally	50 (13.2%)	827 (9.4%)
Yes, unintentionally	138 (36.5%)	3324 (37.8%)
No, my weight stayed the same	114 (30.2%)	2582 (29.3%)
No, I gained weight	46 (12.2%)	951 (10.8%)
I do not know	23 (6.1%)	907 (10.3%)
Missing	7 (1.9%)	209 (2.4%)

<b>9b. If yes, how many kg did you lose?</b>	7 [3-12]	6 [3-10]
I do not know	21 (11.2%)	701 (16.9%)

<b>10. Did you know about your hospitalisation two days before admission? (Yes)</b>	80 (22.3%)	3271 (39.2%)
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<b>11. Please indicate if you ...</b>		
... were weighed at admission	217 (57.4%)	4927 (56.7%)
... were informed about your nutrition status	111 (29.7%)	2797 (32.5%)
... were informed about nutrition care options	124 (33.0%)	2491 (29.0%)
... received special nutrition care	125 (33.1%)	2357 (27.5%)

<b>12. How well have you eaten in the week before you were admitted to the hospital?</b>		
More than normal	14 (3.7%)	388 (4.4%)
Normal	207 (54.6%)	5401 (61.8%)
About 3/4 of normal	33 (8.7%)	844 (9.7%)
About half of normal	62 (16.4%)	1065 (12.2%)



About a quarter to nearly nothing	53 (14.0%)	791 (9.0%)
I do not know	4 (1.1%)	88 (1.0%)
Missing	6 (1.6%)	167 (1.9%)

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

Very satisfied	115 (30.3%)	2368 (27.1%)
Somewhat satisfied	116 (30.6%)	2629 (30.1%)
Neutral	79 (20.8%)	1752 (20.0%)
Dissatisfied	29 (7.7%)	691 (7.9%)
Very dissatisfied	10 (2.6%)	261 (3.0%)
I do not know	19 (5.0%)	726 (8.3%)
Missing	11 (2.9%)	317 (3.6%)

### 14. Did you get any help with eating TODAY?

Yes, from family or friends	19 (5.0%)	978 (11.2%)
Yes, from hospital staff	18 (4.7%)	581 (6.6%)
No	326 (86.0%)	6652 (76.1%)
I do not know	4 (1.1%)	113 (1.3%)
Missing	12 (3.2%)	420 (4.8%)

<b>15. Were you able to eat without interruption TODAY? (Yes)</b>	235 (64.7%)	6110 (74.6%)
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### 16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	145 (38.3%)	4213 (48.2%)
1/2	105 (27.7%)	2075 (23.7%)
1/4	58 (15.3%)	1064 (12.2%)
Nothing	53 (14.0%)	1004 (11.5%)
Missing	18 (4.7%)	388 (4.4%)

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

Standard	239 (63.1%)	5611 (64.2%)
Smaller	23 (6.1%)	811 (9.3%)
Larger	50 (13.2%)	344 (3.9%)
I do not know	37 (9.8%)	884 (10.1%)
Missing	30 (7.9%)	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	56 (25.9%)	608 (14.7%)
I did not like the smell/taste of the food	32 (14.8%)	474 (11.4%)
The food did not fit my cultural/religious preferences	2 (0.93%)	54 (1.3%)
The food was too hot	2 (0.93%)	15 (0.36%)
The food was too cold	12 (5.6%)	95 (2.3%)
Due to food allergy/intolerance	1 (0.46%)	27 (0.65%)
I was not hungry at that time	49 (22.7%)	709 (17.1%)

I do not have my usual appetite	60 (27.8%)	1167 (28.2%)
I have problems chewing/swallowing	11 (5.1%)	239 (5.8%)
I normally eat less than what was served	23 (10.6%)	457 (11.0%)
I had nausea/vomiting	13 (6.0%)	345 (8.3%)
I was too tired	14 (6.5%)	227 (5.5%)
I cannot eat without help	1 (0.46%)	73 (1.8%)
I was not allowed to eat	17 (7.9%)	460 (11.1%)
I had an exam, surgery, or test and missed my meal	13 (6.0%)	243 (5.9%)
I did not get requested food	2 (0.93%)	54 (1.3%)
No answer given	26 (12.0%)	510 (12.3%)

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

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

**19a. Did you eat any food apart from hospital food TODAY?** 52 (14.4%) 2179 (27.2%)

#### 19b. If yes, what did you eat?

Sweet snacks	16 (30.8%)	548 (25.1%)
Salty snacks	10 (19.2%)	290 (13.3%)
Homemade food	6 (11.5%)	320 (14.7%)
Fruits	4 (7.7%)	774 (35.5%)
Dairy products	1 (1.9%)	221 (10.1%)
Food delivered/restaurant	4 (7.7%)	85 (3.9%)
Sandwich	4 (7.7%)	145 (6.7%)
Other	14 (26.9%)	429 (19.7%)

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

Increased	77 (20.3%)	1201 (13.7%)
Decreased	122 (32.2%)	2809 (32.1%)
Stayed the same	147 (38.8%)	3616 (41.4%)
I do not know	19 (5.0%)	601 (6.9%)
Missing	14 (3.7%)	517 (5.9%)

#### 21. TODAY I feel...

Stronger than at admission	177 (46.7%)	3792 (43.4%)
Weaker than at admission	65 (17.2%)	1514 (17.3%)
Same as at admission	117 (30.9%)	2454 (28.1%)

I was admitted today	2 (0.53%)	239 (2.7%)
I do not know	14 (3.7%)	466 (5.3%)
Missing	4 (1.1%)	279 (3.2%)

**22. Can you walk without assistance TODAY?**

Yes	215 (56.7%)	5103 (58.4%)
No, only with assistance	120 (31.7%)	2181 (24.9%)
No, I stay in bed	35 (9.2%)	984 (11.3%)
Missing	9 (2.4%)	476 (5.4%)

<b>23. Did anyone help you complete this questionnaire?</b>	303 (80.8%)	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:	3	116
Computerized system in hospital:	3 units (100%) YES	112 units (97%) YES
Nutritional treatment of cancer patients is part of overall care plan	3 units (100%) YES	98 units (84%) YES
<b>Nutritional treatment is considered...</b>		
Routinely	2 (66,7%)	59 (50,9%)
When patient asks	-	29 (25,0%)
When body weight loss > 10%	1 (33,3%)	39 (33,6%)
During palliative phase	-	33 (28,4%)
Other	-	6 (5,17%)
Missing	-	17 (14,7%)
<b>Nutritional treatment is not part of the comprehensive approach due to</b>		
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	-	4 (3,45%)
<b>Nutritional therapy used for cancer patients</b>		
Nutrition according to nutrition plan	2 (66,7%)	67 (57,8%)
Calculation of energy needs	3 (100%)	85 (73,3%)
Monitoring patients intake and use of oral supplements	3 (100%)	102 (87,9%)
None	-	4 (3,45%)
Other	-	5 (4,31%)
Missing	-	2 (1,72%)
<b>Nutritional therapy is not used due to</b>		
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	2 (66,7%)	78 (67,2%)
At chemotherapy	-	12 (10,3%)
When necessary	1 (33,3%)	23 (19,8%)
Never	-	1 (0,86%)
Unknown	-	1 (0,86%)
Missing	-	1 (0,86%)

**Anthropometrics (circumference)**

Regularly	-	13 (11,2%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (66,7%)	42 (36,2%)
Never	1 (33,3%)	53 (45,7%)
Unknown	-	1 (0,86%)
Missing	-	6 (5,17%)

**BIA**

Regularly	-	5 (4,31%)
At chemotherapy	-	-
When necessary	1 (33,3%)	25 (21,6%)
Never	-	78 (67,2%)
Unknown	2 (66,7%)	3 (2,59%)
Missing	-	5 (4,31%)

**CT SCAN**

Regularly	-	6 (5,17%)
At chemotherapy	-	1 (0,86%)
When necessary	1 (33,3%)	32 (27,6%)
Never	1 (33,3%)	70 (60,3%)
Unknown	1 (33,3%)	3 (2,59%)
Missing	-	4 (3,45%)

**DEXA**

Regularly	-	2 (1,72%)
At chemotherapy	-	-
When necessary	1 (33,3%)	16 (13,8%)
Never	-	85 (73,3%)
Unknown	1 (33,3%)	8 (6,90%)
Missing	1 (33,3%)	5 (4,31%)

**Other (body composition)**

Regularly	-	1 (0,86%)
At chemotherapy	-	-
When necessary	1 (33,3%)	17 (14,7%)

Never	-	40 (34,5%)
Unknown	1 (33,3%)	21 (18,1%)
Missing	1 (33,3%)	37 (31,9%)

### Body function:

#### Handgrip

Regularly	-	6 (5,17%)
At chemotherapy	-	1 (0,86%)
When necessary	1 (33,3%)	38 (32,8%)
Never	1 (33,3%)	61 (52,6%)
Unknown	1 (33,3%)	4 (3,45%)
Missing	-	6 (5,17%)

#### 6-minutes walking test

Regularly	-	3 (2,59%)
At chemotherapy	-	-
When necessary	1 (33,3%)	33 (28,4%)
Never	1 (33,3%)	68 (58,6%)
Unknown	1 (33,3%)	5 (4,31%)
Missing	-	7 (6,03%)

#### Other (body function)

Regularly	-	4 (3,45%)
At chemotherapy	-	-
When necessary	-	24 (20,7%)
Never	-	45 (38,8%)
Unknown	2 (66,7%)	16 (13,8%)
Missing	1 (33,3%)	27 (23,3%)

#### Nutritional requirements, calculated

Regularly	-	34 (29,3%)
At chemotherapy	-	-
When necessary	3 (100%)	65 (56,0%)
Never	-	5 (4,31%)
Unknown	-	-
Missing	-	12 (10,3%)

#### Nutritional intake:

##### Every meal

Regularly	1 (33,3%)	32 (27,6%)
At chemotherapy	-	1 (0,86%)
When necessary	2 (66,7%)	51 (44,0%)
Never	-	13 (11,2%)
Unknown	-	6 (5,17%)

Missing	-	13 (11,2%)
<b>1 meal per day</b>		
Regularly	-	12 (10,3%)
At chemotherapy	-	1 (0,86%)
When necessary	1 (33,3%)	36 (31,0%)
Never	1 (33,3%)	19 (16,4%)
Unknown	-	9 (7,76%)
Missing	1 (33,3%)	39 (33,6%)
<b>2 meals per day</b>		
Regularly	-	12 (10,3%)
At chemotherapy	-	-
When necessary	1 (33,3%)	35 (30,2%)
Never	1 (33,3%)	20 (17,2%)
Unknown	-	9 (7,76%)
Missing	1 (33,3%)	40 (34,5%)
<b>24h recall</b>		
Regularly	-	28 (24,1%)
At chemotherapy	-	2 (1,72%)
When necessary	2 (66,7%)	41 (35,3%)
Never	-	12 (10,3%)
Unknown	-	7 (6,03%)
Missing	1 (33,3%)	26 (22,4%)
<b>Other (nutritional intake)</b>		
Regularly	-	2 (1,72%)
At chemotherapy	-	-
When necessary	-	17 (14,7%)
Never	-	22 (19,0%)
Unknown	2 (66,7%)	18 (15,5%)
Missing	1 (33,3%)	57 (49,1%)
<b>Questionnaire completed by</b>		
Dietitian	2 (66,7%)	42 (36,2%)
Nurse	1 (33,3%)	29 (25,0%)
Physician	-	39 (33,6%)
Nutritional scientist	-	5 (4,31%)
Other	-	-
Missing	-	1 (0,86%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	13	1064
<b>Demographic data:</b>		
Age (years)	69 [45-88]	66 [18-96]
Female gender	6 (46,2%)	423 (39,8%)
Weight (kg)	76,5 ± 26,9	64,3 ± 16,9
Height (cm)	170,4 ± 12,8	165,4 ± 9,8
BMI (kg/m <sup>2</sup> )	25,9 ± 6,8	23,6 ± 4,8
<b>Outpatient (o)/Ward (w)</b>		
Outpatient(o)	-	63 (5,92%)
Ward (w)	13 (100%)	997 (93,7%)
Missing	-	4 (0,38%)
<b>Goal of Therapy</b>		
Curative	11 (84,6%)	606 (57,0%)
Palliative	1 (7,69%)	359 (33,7%)
Terminal	-	74 (6,95%)
Missing	1 (7,69%)	25 (2,35%)
<b>Reason for admission</b>		
Clinical diagnostics	3 (23,1%)	109 (10,2%)
Therapy	-	516 (48,5%)
Surgery related	1 (7,69%)	225 (21,1%)
Treatment complications	1 (7,69%)	124 (11,7%)
Poor health status	8 (61,5%)	139 (13,1%)
Independent care difficult	-	8 (0,75%)
Missing	-	-
<b>Present cancer diagnosis</b>		
Breast	2 (15,4%)	59 (5,55%)
Colon, rectum	2 (15,4%)	172 (16,2%)
Prostate	-	31 (2,91%)
Lung	1 (7,69%)	86 (8,08%)
Skin	1 (7,69%)	8 (0,75%)
Kidney/bladder	1 (7,69%)	31 (2,91%)
Gastric/oesophageal	-	152 (14,3%)
Pancreas	-	69 (6,48%)
Lymphoma	2 (15,4%)	102 (9,59%)
Ears nose throat (ENT)	-	51 (4,79%)
Leukaemia	-	77 (7,24%)
Genital tract	2 (15,4%)	38 (3,57%)



Liver	-	106 (9,96%)
Sarcoma	-	11 (1,03%)
Brain	-	23 (2,16%)
Testicular	-	-
Other	2 (15,4%)	85 (7,99%)
Missing	-	11 (1,03%)

#### Time since diagnosis

0-2 months	2 (15,4%)	366 (34,4%)
3-5 months	4 (30,8%)	184 (17,3%)
6-12 months	3 (23,1%)	169 (15,9%)
1-2 years	-	147 (13,8%)
2-4 years	1 (7,69%)	82 (7,71%)
> 4 years	3 (23,1%)	94 (8,83%)
Missing	-	19 (1,79%)

#### Cancer staging

0=Carcinoma in situ	2 (15,4%)	55 (5,17%)
I=Localized	1 (7,69%)	244 (22,9%)
II=Early locally advanced	1 (7,69%)	176 (16,5%)
III=Late locally advanced	4 (30,8%)	176 (16,5%)
IV=Metastasised	3 (23,1%)	302 (28,4%)
Missing	2 (15,4%)	111 (10,4%)

#### Time since first therapy start

No therapy	1 (7,69%)	134 (12,6%)
Tumour staging/diagnosis	-	67 (6,30%)
0-2 months	2 (15,4%)	290 (27,3%)
3-5 months	1 (7,69%)	145 (13,6%)
6-12 months	1 (7,69%)	153 (14,4%)
1-2 years	-	114 (10,7%)
2-4 years	-	64 (6,02%)
> 4 years	1 (7,69%)	104 (9,77%)
Missing	1 (7,69%)	16 (1,50%)

#### Therapy situation

Diagnosis	2 (15,4%)	109 (10,2%)
Chemotherapy 1st line	2 (15,4%)	191 (18,0%)
Chemotherapy > 1st line	3 (23,1%)	173 (16,3%)
Radiotherapy	1 (7,69%)	70 (6,58%)
Target therapy	-	31 (2,91%)
Hormone therapy	-	12 (1,13%)
Palliative	-	121 (11,4%)
Surgery	3 (23,1%)	348 (32,7%)

Cancer related complications	-	67 (6,30%)
Therapy related complications	1 (7,69%)	43 (4,04%)
Missing	2 (15,4%)	13 (1,22%)

### Infections

None	7 (53,8%)	808 (75,9%)
Local	2 (15,4%)	161 (15,1%)
General	3 (23,1%)	73 (6,86%)
Missing	1 (7,69%)	22 (2,07%)

### Nutrition Treatment

No special diet	8 (61,5%)	458 (43,0%)
Individualized diet plan	3 (23,1%)	305 (28,7%)
Energy rich/protein rich ONS	6 (46,2%)	121 (11,4%)
Enteral nutrition (via NGT/PEG)	-	65 (6,11%)
Parenteral nutrition	-	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	-	110 (10,3%)
Counselling	1 (7,69%)	54 (5,08%)
Other	-	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:	13	1056
Body weight prior to becoming ill	76 [54-95]	70 [22-180]
Actual body weight	71 [45-135]	63 [21-128]
<b>Change in weight was</b>		
Intentional	-	31 (2,91%)
Unintentional	11 (84,6%)	644 (60,5%)
Weight is stable	1 (7,69%)	180 (16,9%)
Missing	-	31 (2,91%)
<b>During the last week</b>		
<b>Patients who have had pain:</b>		
Not at all	2 (15,4%)	366 (34,4%)
A little	1 (7,69%)	294 (27,6%)
Quite a bit	5 (38,5%)	192 (18,0%)
Very much	3 (23,1%)	108 (10,2%)
Missing	1 (7,69%)	90 (8,46%)
<b>Patients who needed a rest:</b>		
Not at all	-	261 (24,5%)
A little	3 (23,1%)	311 (29,2%)
Quite a bit	8 (61,5%)	243 (22,8%)
Very much	1 (7,69%)	131 (12,3%)
Missing	-	98 (9,21%)
<b>Patients who felt weak:</b>		
Not at all	1 (7,69%)	255 (24,0%)
A little	3 (23,1%)	297 (27,9%)
Quite a bit	7 (53,8%)	260 (24,4%)
Very much	2 (15,4%)	142 (13,3%)
Missing	-	95 (8,93%)
<b>Patients who felt depressed:</b>		
Not at all	4 (30,8%)	382 (35,9%)
A little	6 (46,2%)	337 (31,7%)
Quite a bit	2 (15,4%)	148 (13,9%)
Very much	-	80 (7,52%)
Missing	-	92 (8,65%)
<b>Patients who were tired:</b>		

Not at all	-	272 (25,6%)
A little	1 (7,69%)	317 (29,8%)
Quite a bit	6 (46,2%)	240 (22,6%)
Very much	5 (38,5%)	124 (11,7%)
Missing	-	92 (8,65%)

#### Patients whose pain interfered with their daily activities:

Not at all	4 (30,8%)	412 (38,7%)
A little	1 (7,69%)	250 (23,5%)
Quite a bit	4 (30,8%)	168 (15,8%)
Very much	3 (23,1%)	114 (10,7%)
Missing	-	97 (9,12%)

#### Patients who lacked appetite:

Not at all	3 (23,1%)	386 (36,3%)
A little	6 (46,2%)	270 (25,4%)
Quite a bit	2 (15,4%)	171 (16,1%)
Very much	1 (7,69%)	119 (11,2%)
Missing	-	98 (9,21%)

#### Just now

##### Patients who have pain:

Not at all	4 (30,8%)	411 (38,6%)
A little	2 (15,4%)	337 (31,7%)
Quite a bit	4 (30,8%)	150 (14,1%)
Very much	2 (15,4%)	48 (4,51%)
Missing	-	101 (9,49%)

##### Patients who need a rest:

Not at all	1 (7,69%)	225 (21,1%)
A little	7 (53,8%)	351 (33,0%)
Quite a bit	3 (23,1%)	263 (24,7%)
Very much	1 (7,69%)	102 (9,59%)
Missing	-	100 (9,40%)

##### Patients who feel weak:

Not at all	4 (30,8%)	242 (22,7%)
A little	4 (30,8%)	337 (31,7%)
Quite a bit	3 (23,1%)	257 (24,2%)
Very much	1 (7,69%)	105 (9,87%)
Missing	-	101 (9,49%)

##### Patients who are depressed:

Not at all	8 (61,5%)	413 (38,8%)
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A little	4 (30,8%)	338 (31,8%)
Quite a bit	-	145 (13,6%)
Very much	-	47 (4,42%)
Missing	-	99 (9,30%)

#### Patients who are tired:

Not at all	2 (15,4%)	253 (23,8%)
A little	4 (30,8%)	372 (35,0%)
Quite a bit	4 (30,8%)	230 (21,6%)
Very much	2 (15,4%)	88 (8,27%)
Missing	-	98 (9,21%)

#### Patients whose pain interferes with their daily activities:

Not at all	4 (30,8%)	378 (35,5%)
A little	2 (15,4%)	285 (26,8%)
Quite a bit	4 (30,8%)	185 (17,4%)
Very much	2 (15,4%)	84 (7,89%)
Missing	-	103 (9,68%)

#### Patients who lack appetite:

Not at all	8 (61,5%)	359 (33,7%)
A little	4 (30,8%)	301 (28,3%)
Quite a bit	1 (7,69%)	180 (16,9%)
Very much	-	98 (9,21%)
Missing	-	102 (9,59%)

#### Reasons for change in appetite/food intake

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

#### Maximum activity performed by patients

Able to do sports	-	46 (4,32%)
Fully active	-	141 (13,3%)
Able to carry out light activities	3 (23,1%)	210 (19,7%)
Able to carry out self care	5 (38,5%)	236 (22,2%)
Able to carry out limited self care	2 (15,4%)	156 (14,7%)
Confined to bed or chair	3 (23,1%)	156 (14,7%)

Missing	-	99 (9,30%)
<b>Patient takes additional (without prescription)</b>		
Nothing	7 (53,8%)	696 (65,4%)
Herbal tea	-	78 (7,33%)
Nutritional supplements	3 (23,1%)	67 (6,30%)
Multivitamin	2 (15,4%)	37 (3,48%)
Other medication	-	44 (4,14%)
Other	1 (7,69%)	52 (4,89%)
Missing	1 (7,69%)	125 (11,7%)
<b>Additional activities performed</b>		
Nothing	9 (69,2%)	797 (74,9%)
Psychotherapy	-	17 (1,60%)
Yoga	-	10 (0,94%)
Meditation	2 (15,4%)	22 (2,07%)
Progressive muscle relaxation	-	15 (1,41%)
Qigong	-	1 (0,09%)
Other	1 (7,69%)	74 (6,95%)
Missing	1 (7,69%)	138 (13,0%)
<b>Patients having difficulties in complying with treatment</b>		
	-	246 (23,1%)
<b>Patients needing help to complete questionnaire</b>		
	13 (100%)	640 (60,2%)
<b>Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:</b>		
	10 (76,9%)	639 (60,1%)