



**nutritionDay**  
WORLDWIDE

**Country report**  
**nutritionDay 2016**  
**Czech Republic**

Dear participant,

Thank you for your participation in nutritionDay worldwide in 2016 and for your effort. We are now able to present you your country report of the following sample size:

<b>Number of centers on nutritionDay:</b>	<b>6</b>
<b>Number of units on nutritionDay:</b>	<b>16</b>
<b>Number of patients on nutritionDay:</b>	<b>191</b>
<b>Number of patients who gave consent:</b>	<b>176</b>
<b>Number of patients completing Sheet 3a:</b>	<b>176</b>
<b>Number of patients completing Sheet 3b:</b>	<b>176</b>
<b>Number of cancer patients on nutritionDay:</b>	<b>69</b>
<b>Number of patients completing Sheet 2_onco:</b>	<b>30</b>
<b>Number of patients completing Sheet 3_onco:</b>	<b>30</b>
<b>Number of patients with 30-day outcome assessment:</b>	<b>144</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 hospitals.

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

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

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

Part V is your oncology Report.

**Next year's nutritionDay will take place in November 2017. Again, we would very much appreciate your participation. You will be provided with further information on a regular basis.**

Best regards from the nutritionDay-Team!

Prof. Dr. Michael Hiesmayr

Sigrid Moick, MA

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

	YOUR RESULTS	REFERENCE RESULTS
<b>1. Total number of beds in hospital</b>	739 [544-933]	305 [180-526]
<b>2. Total number of admissions in the hospital last year</b>	31029 [23446-38612]	17891 [8741-38415]
<b>3. Total number of staff in the hospital</b>		
Total medical doctors	348 [255-442]	162 [65-328]
Medical specialists	385 [385-385]	108 [44-210]
Medical non-specialists	-	35 [12-81]
Nurses	819 [559-1078]	346 [124-710]
Dieticians	-	4 [1-8]
Nutritionists	9 [7-11]	1 [0-4]
Pharmacists	15 [14-17]	6 [3-14]
Kitchen staff	60 [60-60]	28 [11-55]
<b>Full time equivalent</b>		
Total medical doctors	126 [126-126]	126 [56-296]
Medical specialists	-	88 [44-210]
Medical non-specialists	-	33 [11-83]
Nurses	808 [542-1073]	317 [123-726]
Dieticians	-	4 [1-7]
Nutritionists	5 [5-5]	1 [0-4]
Pharmacists	12 [12-12]	5 [2-11]
Kitchen staff	-	25 [12-50]
<b>4. Does the hospital have a nutrition care strategy?</b>	2 (100%) Yes	269 (76.0%) Yes
<b>5. Which nutrition-related standards or routine activities exist in your hospital?</b>		
Nutrition training is available	2 (100%) Yes	226 (63.8%) Yes
Nutrition steering committee is available	2 (100%) Yes	207 (58.5%) Yes
Quality indicators are recorded and reported to national or regional level	2 (100%) Yes	139 (39.3%) Yes
Quality indicators are used for internal benchmarking	2 (100%) Yes	171 (48.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	2 (100%) Yes	250 (70.6%) Yes
None	1 (50.0%) Yes	30 (8.5%) 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	2 (100%) Yes	175 (49.4%) Yes
Oral nutrition supplements	2 (100%) Yes	141 (39.8%) Yes

Parenteral nutrition	2 (100%) Yes	202 (57.1%) Yes
Enteral nutrition	2 (100%) Yes	167 (47.2%) Yes
Dietary counseling	2 (100%) Yes	120 (33.9%) Yes
Specific dietary interventions	2 (100%) Yes	104 (29.4%) Yes
Screening for malnutrition	2 (100%) Yes	88 (24.9%) Yes
Risk of malnutrition	2 (100%) Yes	90 (25.4%) Yes
Malnutrition (in general)	2 (100%) Yes	170 (48.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	2 (100%) Yes	154 (43.5%) Yes
No information available from billing/finance/controlling	-	55 (15.5%) Yes
No answer given	-	28 (7.9%)

### Codes routinely used

Nutrition Support	2 (100%) Yes	139 (39.3%) Yes
Oral nutrition supplements	2 (100%) Yes	111 (31.4%) Yes
Parenteral nutrition	2 (100%) Yes	177 (50.0%) Yes
Enteral nutrition	2 (100%) Yes	145 (41.0%) Yes
Dietary counseling	2 (100%) Yes	88 (24.9%) Yes
Specific dietary interventions	2 (100%) Yes	84 (23.7%) Yes
Screening for malnutrition	2 (100%) Yes	68 (19.2%) Yes
Risk of malnutrition	2 (100%) Yes	61 (17.2%) Yes
Malnutrition (in general)	2 (100%) Yes	138 (39.0%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	2 (100%) Yes	126 (35.6%) Yes
No information available from billing/finance/controlling	-	68 (19.2%) Yes
No answer given	-	42 (11.9%)

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	2 (12.5%)	92 (20.0%)
Internal Medicine / Cardiology	-	26 (5.7%)
Internal Medicine / Gastroenterology & hepatology	2 (12.5%)	31 (6.8%)
Internal Medicine / Geriatrics	-	37 (8.1%)
Internal Medicine / Infectious diseases	-	5 (1.1%)
Internal Medicine / Nephrology	-	5 (1.1%)
Internal Medicine / Oncology (incl. radiotherapy)	2 (12.5%)	35 (7.6%)
Interdisciplinary	-	21 (4.6%)
Long term care	1 (6.3%)	7 (1.5%)
Neurology	1 (6.3%)	14 (3.1%)
Surgery / General	1 (6.3%)	82 (17.9%)
Surgery/ Cardiac/Vascular/Thoracic	-	6 (1.3%)
Surgery / Neurosurgery	-	4 (0.9%)
Surgery / Orthopedic	-	19 (4.1%)
Trauma	-	7 (1.5%)
Ear Nose Throat (ENT)	1 (6.3%)	7 (1.5%)
Gynecology / Obstetrics	1 (6.3%)	10 (2.2%)
Pediatrics	-	-
Psychiatry	-	3 (0.7%)
Others	5 (31.3%)	48 (10.5%)
<b>2. Number of registered inpatients at noon</b>	<b>17 [13-28]</b>	<b>24 [17-35]</b>
<b>3. Total bed capacity of the unit</b>	<b>23 [16-32]</b>	<b>31 [25-44]</b>
<b>4. Number of each type of staff in the unit for TODAY's morning shift</b>		
<b>Fully trained</b>		
Medical doctors	3 [2-5]	4 [2-8]
Nurses	4 [3-5]	5 [4-8]
Nursing aides	2 [1-2]	2 [1-4]
Dieticians	0 [0-0]	1 [0-1]
Nutritionists	1 [1-1]	0 [0-1]
Administrative staff	1 [0-1]	1 [0-2]
Other staff involved in patient care	0 [0-2]	1 [0-3]
<b>In training</b>		
Medical doctors	3 [2-3]	1 [0-3]
Medical students	3 [2-8]	1 [0-2]
Nurses	0 [0-0]	1 [0-3]

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

**5. Is there a nutrition support team in your hospital available?** 14 (100%) Yes 323 (73.6%) Yes

**6. Does the unit have a nutrition care strategy?** 14 (100%) Yes 316 (72.0%) Yes

**7. Is there a person in your unit responsible for nutrition care?** 12 (85.7%) Yes 317 (72.2%) Yes

**8. Is there a dietician, nutritionist or dietetic assistant available for your unit?** 14 (100%) Yes 395 (90.0%) Yes

**9. Is specific staff responsible for providing feeding assistance to patients during meal times?** 10 (71.4%) Yes 268 (61.0%) Yes

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

**At admission**

No routine screening	-	45 (9.8%) Yes
No fixed criteria	-	10 (2.2%) Yes
Experience / visual assessment only	-	43 (9.4%) Yes
Weighing / BMI only	-	66 (14.4%) Yes
Nutritional Risk Screening (NRS) 2002	9 (56.3%) Yes	131 (28.5%) Yes
Malnutrition Universal Screening Tool (MUST)	-	28 (6.1%) Yes
Malnutrition Screening tool (MST)	-	42 (9.2%) Yes
SNAQ	-	2 (0.44%) Yes
Other formal tool	5 (31.3%) Yes	70 (15.3%) Yes
I do not know	-	2 (0.44%) Yes
Missing	2 (12.5%)	20 (4.4%)

**During hospital stay**

No routine monitoring	-	43 (9.4%) Yes
No fixed criteria	-	44 (9.6%) Yes
Experience / visual assessment only	-	90 (19.6%) Yes
Weighing / BMI only	7 (43.8%) Yes	132 (28.8%) Yes
Other formal tool	7 (43.8%) Yes	121 (26.4%) Yes
I do not know	-	9 (2.0%) Yes
Missing	2 (12.5%)	20 (4.4%)

**11a. Do you routinely use guidelines or standards for nutrition care?** 14 (100%) Yes 343 (78.7%) Yes

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

International guidelines	7 (50.0%) Yes	86 (25.1%) Yes
National guidelines	-	56 (16.3%) Yes
Standards on hospital level	5 (35.7%) Yes	115 (33.5%) Yes
Standards on unit level	1 (7.1%) Yes	23 (6.7%) Yes
Individual patient nutrition care plans	1 (7.1%) Yes	56 (16.3%) Yes
Other	-	4 (1.2%) Yes
Missing	-	3 (0.87%)

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

Watchful waiting	1 (6.3%) Yes	139 (30.3%) Yes
Discuss nutrition care activities during ward rounds	3 (18.8%) Yes	192 (41.8%) Yes
Develop an individual nutrition care plan	13 (81.3%) Yes	246 (53.6%) Yes
Initiate treatment / nutrition intervention	7 (43.8%) Yes	277 (60.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	12 (75.0%) Yes	285 (62.1%) Yes
Consult a medical professional	3 (18.8%) Yes	172 (37.5%) Yes
Calculate energy requirements	10 (62.5%) Yes	232 (50.5%) Yes
Calculate protein requirements	12 (75.0%) Yes	226 (49.2%) Yes

**Malnourished**

Watchful waiting	1 (6.3%) Yes	98 (21.4%) Yes
Discuss nutrition care activities during ward rounds	7 (43.8%) Yes	208 (45.3%) Yes
Develop an individual nutrition care plan	5 (31.3%) Yes	258 (56.2%) Yes
Initiate treatment / nutrition intervention	13 (81.3%) Yes	304 (66.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	6 (37.5%) Yes	284 (61.9%) Yes
Consult a medical professional	12 (75.0%) Yes	183 (39.9%) Yes
Calculate energy requirements	5 (31.3%) Yes	261 (56.9%) Yes
Calculate protein requirements	5 (31.3%) Yes	257 (56.0%) Yes

**Every patient**

Watchful waiting	13 (81.3%) Yes	193 (42.0%) Yes
Discuss nutrition care activities during ward rounds	4 (25.0%) Yes	126 (27.5%) Yes
Develop an individual nutrition care plan	-	74 (16.1%) Yes
Initiate treatment / nutrition intervention	-	57 (12.4%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (6.3%) Yes	73 (15.9%) Yes
Consult a medical professional	-	101 (22.0%) Yes
Calculate energy requirements	1 (6.3%) Yes	50 (10.9%) Yes
Calculate protein requirements	1 (6.3%) Yes	44 (9.6%) Yes

**Never**

Watchful waiting	-	34 (7.4%) Yes
Discuss nutrition care activities during ward rounds	1 (6.3%) Yes	38 (8.3%) Yes

Develop an individual nutrition care plan	-	31 (6.8%) Yes
Initiate treatment / nutrition intervention	-	6 (1.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	8 (1.7%) Yes
Consult a medical professional	1 (6.3%) Yes	49 (10.7%) Yes
Calculate energy requirements	2 (12.5%) Yes	50 (10.9%) Yes
Calculate protein requirements	1 (6.3%) Yes	54 (11.8%) Yes

#### I do not know

Watchful waiting	-	20 (4.4%) Yes
Discuss nutrition care activities during ward rounds	-	10 (2.2%) Yes
Develop an individual nutrition care plan	-	5 (1.1%) Yes
Initiate treatment / nutrition intervention	-	4 (0.87%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	4 (0.87%) Yes
Consult a medical professional	-	18 (3.9%) Yes
Calculate energy requirements	-	11 (2.4%) Yes
Calculate protein requirements	-	13 (2.8%) Yes

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

at admission	13 (81.3%) Yes	291 (63.4%) Yes
Within 24 hours	2 (12.5%) Yes	64 (13.9%) Yes
Within 48 hours	-	20 (4.4%) Yes
Within 72 hours	-	13 (2.8%) Yes
Every week	6 (37.5%) Yes	152 (33.1%) Yes
Occasionally	-	59 (12.9%) Yes
When requested	6 (37.5%) Yes	207 (45.1%) Yes
At discharge	-	20 (4.4%) Yes
Never	-	8 (1.7%) Yes
I do not know	-	1 (0.22%) Yes
No answer given	3 (5.0%)	22 (4.8%)

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

Offer additional meals or in between snacks	7 (43.8%) Yes	338 (73.6%) Yes
Offer meal choices	14 (87.5%) Yes	336 (73.2%) Yes
Offer different portion sizes	10 (62.5%) Yes	282 (61.4%) Yes
Consider food presentation	-	192 (41.8%) Yes
Change food texture/consistency as needed	14 (87.5%) Yes	376 (81.9%) Yes
Consider patient problems with eating and drinking	13 (81.3%) Yes	372 (81.0%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	1 (6.3%) Yes	51 (11.1%) Yes
Promote positive eating environment	1 (6.3%) Yes	82 (17.9%) Yes
Consider cultural/religious preferences	2 (12.5%) Yes	188 (41.0%) Yes
Consider patient allergies / intolerances	2 (12.5%) Yes	214 (46.6%) Yes
Other	-	29 (6.3%) Yes
I do not know	-	6 (1.3%) Yes
No answer given	2 (12.5%)	20 (4.4%)

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

Nutrition training is available	7 (43.8%) Yes	257 (56.0%) Yes
Reporting of nutrition related information to hospital managers	2 (12.5%) Yes	201 (43.8%) Yes
Quality indicators are recorded and reported to national or regional level	-	123 (26.8%) Yes
Quality indicators are used for internal benchmarking	13 (81.3%) Yes	166 (36.2%) Yes
Patient feedback about food and food service is collected using a questionnaire	10 (62.5%) Yes	291 (63.4%) Yes
None	-	21 (4.6%) Yes
I do not know	-	11 (2.4%) Yes
No answer given	2 (12.5%)	36 (7.8%)

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

Change in weight	13 (81.3%) Yes	358 (78.0%) Yes
Eating habits/difficulties	13 (81.3%) Yes	336 (73.2%) Yes
Nutrition before admission	12 (75.0%) Yes	260 (56.6%) Yes
None	-	9 (2.0%) Yes
I do not know	-	5 (1.1%) Yes
No answer given	2 (12.5%)	38 (8.3%)

**17. On what forms is there a specific part about eating, nutrition or malnutrition?****a. Patient Record has a section for ...**

indicating if the patient is malnourished or at risk of malnutrition	14 (87.5%) Yes	323 (70.4%) Yes
nutrition treatment	6 (37.5%) Yes	270 (58.8%) Yes
None	-	30 (6.5%) Yes
I do not know	6 (37.5%) Yes	270 (58.8%) Yes

**b. Discharge Letter ...**

summarizes nutrition treatment received during stay	3 (18.8%) Yes	162 (35.3%) Yes
makes future nutrition-related recommendations	14 (87.5%) Yes	258 (56.2%) Yes
None	-	56 (12.2%) Yes
I do not know	-	23 (5.0%) Yes

<b>18. Do you provide brochures about malnutrition to at risk/malnourished patients?</b>	5 (38.5%) Yes	162 (43.9%) Yes
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**19. Who filled in this sheet?**

Head staff	6 (37.5%) Yes	117 (25.5%) Yes
Dietician	8 (50.0%) Yes	236 (51.4%) Yes
Nurse	3 (18.8%) Yes	124 (27.0%) Yes
Physician	-	72 (15.7%) Yes
Administrative staff	-	4 (0.87%) Yes



Other	-	7 (1.5%) Yes
None	-	-
I do not know	-	3 (0.65%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	176	8743
Age	66 [46-75]	67 [53-78]
Female	99 (56.3%)	4410 (50.4%)
Weight	76.7±20.0	69.1±18.8
Height	170±10	164±10
BMI	26.5±5.9	25.5±6.0

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

planned	89 (50.6%)	3052 (34.9%)
an emergency	74 (42.0%)	5037 (57.6%)
I do not know	13 (7.4%)	654 (7.5%)
No answer given	-	-

#### 2a. Diagnosis at admission

0100 Infectious and parasitic diseases	15 (8.5%)	801 (9.2%)
0200 Neoplasms	51 (29.0%)	1381 (15.8%)
0300 Blood and bloodforming organs and the immune mechanism	32 (18.2%)	578 (6.6%)
0400 Endocrine, nutritional and metabolic diseases	47 (26.7%)	1043 (11.9%)
0500 Mental health	8 (4.5%)	333 (3.8%)
0600 Nervous system	29 (16.5%)	762 (8.7%)
0700 Eye and adnexa	4 (2.3%)	131 (1.5%)
0800 Ear and mastoid process	4 (2.3%)	70 (0.80%)
0900 Circulatory system	71 (40.3%)	1723 (19.7%)
1000 Respiratory system	32 (18.2%)	1358 (15.5%)
1100 Digestive system	91 (51.7%)	2210 (25.3%)
1200 Skin and subcutaneous tissue	16 (9.1%)	424 (4.8%)
1300 Musculoskeletal system and connective tissue	45 (25.6%)	1276 (14.6%)
1400 Genitourinary system	12 (6.8%)	809 (9.3%)
1500 Pregnancy, childbirth and the puerperium	-	123 (1.4%)
1600 Conditions originating in the perinatal period	-	21 (0.24%)
1700 Congenital/chromosomal abnormalities	1 (0.57%)	9 (0.10%)
1800 Symptoms, signs, abnormal clinical/lab findings	13 (7.4%)	391 (4.5%)
1900 Injury, poisoning	10 (5.7%)	276 (3.2%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	4 (2.3%)	156 (1.8%)
2100 Factors influencing health status and contact with health services	-	210 (2.4%)
No answer given	-	-

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

Cardiac insufficiency	43 (25.6%)	1569 (22.2%)
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Myocardial infarction	4 (2.4%)	394 (5.8%)
Chronic lung disease	30 (18.0%)	1080 (15.5%)
Cerebral vascular disease	25 (14.9%)	745 (10.9%)
Peripheral vascular disease	38 (22.6%)	869 (12.6%)
Chronic liver disease	20 (11.8%)	441 (6.5%)
Chronic kidney disease	24 (14.4%)	821 (11.9%)
Diabetes	38 (22.5%)	1899 (26.8%)
Cancer	69 (39.2%)	1733 (24.8%)
Infection	27 (16.1%)	1103 (15.8%)
Dementia	3 (1.8%)	374 (5.5%)
Major depressive disorder	9 (5.4%)	377 (5.6%)
Other chronic mental disorder	6 (3.6%)	378 (5.6%)
Other chronic disease	50 (30.3%)	1968 (27.8%)
None	21 (11.9%)	1394 (15.9%)

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

Yes, planned	39 (22.2%)	1743 (19.9%)
Yes, acute	7 (4.0%)	539 (6.2%)
No	126 (71.6%)	6145 (70.3%)
I do not know	3 (1.7%)	126 (1.4%)
Missing	1 (0.57%)	190 (2.2%)

Days since operation	2 [1-9]	4 [1-13]
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#### 4b. Planned operation during this hospital stay

Yes, today or tomorrow	26 (14.8%)	738 (8.4%)
Yes, later	10 (5.7%)	513 (5.9%)
No	132 (75.0%)	6496 (74.3%)
I do not know	4 (2.3%)	414 (4.7%)
Missing	4 (2.3%)	582 (6.7%)

<b>5. Previous ICU admission during this hospital stay? (Yes)</b>	30 (17.0%)	934 (10.7%)
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<b>6. Is this patient terminally ill?</b>	2 (1.1%)	630 (7.2%)
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#### 7. Fluid status

Normal	160 (90.9%)	6866 (78.5%)
Overloaded	3 (1.7%)	500 (5.7%)
Dehydrated	7 (4.0%)	450 (5.1%)
I do not know	6 (3.4%)	927 (10.6%)
Missing	-	-

#### 8. Number of different medications planned

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

Malnourished	21 (11.9%)	871 (10.0%)
At risk	45 (25.6%)	1543 (17.6%)
No	109 (61.9%)	5642 (64.5%)
I do not know	1 (0.57%)	687 (7.9%)
Missing	-	-

### 10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	36 (20.5%)	3469 (39.7%)
5% Glucose solution	11 (6.3%)	860 (9.8%)

### 11. Number of ONS drinks planned

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

Regular hospital food	104 (59.1%)	4849 (55.5%)
Fortified/enriched hospital food	14 (8.0%)	756 (8.6%)
Protein/energy supplement (e.g. ONS drinks)	52 (29.5%)	998 (11.4%)
Enteral nutrition	7 (4.0%)	485 (5.5%)
Parenteral nutrition	19 (10.8%)	479 (5.5%)
Special diet	56 (31.8%)	3072 (35.1%)
None	3 (1.7%)	474 (5.4%)

### 13a. All lines and Tubes

Central Venous	12 (6.8%)	734 (8.4%)
Peripheral venous access	74 (42.0%)	4122 (47.1%)
Nasogastric	4 (2.3%)	258 (3.0%)
Nasojejunal	-	38 (0.43%)
Nasoduodenal	-	22 (0.25%)
Enterostoma	2 (1.1%)	42 (0.48%)
Percutaneous endoscopy/surgical gastrostomy	3 (1.7%)	67 (0.77%)
Percutaneous endoscopy/surgical jejunostomy	4 (2.3%)	27 (0.31%)
None	87 (49.4%)	3894 (44.5%)

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

Yes, previously	1 (0.57%)	87 (1.00%)
Yes, ongoing	1 (0.57%)	80 (0.92%)
No	146 (83.0%)	7278 (83.2%)
I do not know	26 (14.8%)	846 (9.7%)
Missing	2 (1.1%)	452 (5.2%)

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

Energy requirements were determined	63 (35.8%)	3103 (35.5%)
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Protein requirements were determined	58 (33.0%)	2765 (31.6%)
Food/Nutrition intake was recorded in the patient record	63 (35.8%)	3893 (44.5%)
Nutrition treatment plan was developed	49 (27.8%)	3013 (34.5%)
Nutrition expert was consulted	69 (39.2%)	2890 (33.1%)
Malnutrition status is recorded in the patient record	58 (33.0%)	2363 (27.0%)
None	-	-

### 15a. Energy goal

< 500 kcal	6 (3.4%)	268 (3.1%)
500-999 kcal	-	93 (1.1%)
1000-1499 kcal	5 (2.8%)	884 (10.1%)
1500-1999 kcal	27 (15.3%)	2574 (29.4%)
>=2000 kcal	33 (18.8%)	958 (11.0%)
Not determined	99 (56.3%)	3200 (36.6%)
I do not know	6 (3.4%)	730 (8.3%)
Missing	-	36 (0.41%)

### 15b. Energy intake

< 500 kcal	7 (4.0%)	530 (6.1%)
500-999 kcal	6 (3.4%)	483 (5.5%)
1000-1499 kcal	6 (3.4%)	1101 (12.6%)
1500-1999 kcal	22 (12.5%)	1928 (22.1%)
>=2000 kcal	17 (9.7%)	584 (6.7%)
Not determined	109 (61.9%)	2964 (33.9%)
I do not know	9 (5.1%)	1101 (12.6%)
Missing	-	52 (0.59%)

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

Improved	88 (50.0%)	4436 (50.7%)
Deteriorated	8 (4.5%)	485 (5.5%)
Remained the same	48 (27.3%)	2411 (27.6%)
This patient has just been admitted	15 (8.5%)	555 (6.3%)
I do not know	17 (9.7%)	856 (9.8%)
Missing	-	-

Length of hospital stay (days)	9 [6-16]	12 [6-24]
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### Outcome Code

1= Still in the hospital	9 (5.1%)	748 (8.6%)
2= Transferred to another hospital	4 (2.3%)	211 (2.4%)
3= Transferred to long term care	9 (5.1%)	360 (4.1%)
4= Rehabilitation	1 (0.57%)	486 (5.6%)
5= Discharged home	118 (67.0%)	6417 (73.4%)
6= Death	3 (1.7%)	260 (3.0%)

7= Others	-	173 (2.0%)
Missing	32 (18.2%)	88 (1.0%)
<b>Readmitted since ND</b>		
1= No	98 (72.6%)	6055 (78.3%)
2= Yes, same hospital planned	13 (9.6%)	457 (5.9%)
3= Yes, same hospital unplanned	3 (2.2%)	454 (5.9%)
4= Yes, different hospital planned	-	44 (0.57%)
5= Yes, different hospital unplanned	-	44 (0.57%)
6= Unknown	3 (2.2%)	299 (3.9%)
Missing	18 (13.3%)	386 (5.0%)

#### 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	136 (77.3%)	5885 (69.8%)
I am vegetarian	2 (1.1%)	142 (1.7%)
I adhere to a vegan diet	-	50 (0.59%)
I eat gluten-free diet	4 (2.3%)	73 (0.87%)
I avoid added sugars	8 (4.5%)	1290 (15.3%)
I avoid carbohydrates	19 (10.8%)	477 (5.7%)
I eat a low fat-diet	9 (5.1%)	972 (11.5%)
I am lactose intolerant	2 (1.1%)	328 (3.9%)
Other special diet due to intolerances/allergies	3 (1.7%)	171 (2.0%)
Other	9 (5.1%)	603 (7.2%)
No answer given	-	162 (1.9%)
<b>2. Where did you live before your current hospital admission?</b>		
At home	162 (92.0%)	7497 (89.0%)
In a nursing home or other live-in facility	4 (2.3%)	287 (3.4%)
I was transferred from another hospital	4 (2.3%)	418 (5.0%)
Other	6 (3.4%)	139 (1.6%)
Missing	-	87 (1.0%)
<b>3. In general, are you able to walk?</b>		
Yes	135 (76.7%)	5392 (64.0%)
Yes, with someone's help	11 (6.3%)	899 (10.7%)
Yes, independently using a cane, walker, or crutches	17 (9.7%)	1107 (13.1%)
No, I have a wheelchair	2 (1.1%)	355 (4.2%)
No, I am bedridden	11 (6.3%)	548 (6.5%)
Missing	-	127 (1.5%)
<b>4. In general, how would you say your health is?</b>		
Very good	13 (7.4%)	615 (7.3%)
Good	60 (34.1%)	3078 (36.5%)
Fair	61 (34.7%)	3196 (37.9%)
Poor	34 (19.3%)	1144 (13.6%)
Very poor	8 (4.5%)	254 (3.0%)
Missing	-	141 (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 [3-10]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-2]	1 [0-2]
... how many nights in total have you spent in hospital?	6 [0-14]	5 [0-15]

<b>6. How many different medications do you take routinely each day (prior to hospitalisation)?</b>		
1-2	35 (19.9%)	1638 (19.4%)
3-5	41 (23.3%)	2272 (27.0%)
More than 5	61 (34.7%)	2608 (30.9%)
None	38 (21.6%)	1375 (16.3%)
I do not know	1 (0.57%)	429 (5.1%)
Missing	-	106 (1.3%)

<b>7. Do you have health insurance?</b>		
Yes, private insurance only	4 (2.3%)	1250 (14.8%)
Yes, public insurance only	159 (90.3%)	4213 (50.0%)
Yes, both	9 (5.1%)	1101 (13.1%)
None	1 (0.57%)	1114 (13.2%)
I prefer not to answer	2 (1.1%)	483 (5.7%)
Missing	1 (0.57%)	267 (3.2%)

<b>8. What was your weight 5 years ago?</b>	75 [65-90]	70 [60-83]
I do not know	21 (11.9%)	2268 (26.9%)

<b>9a. Have you lost weight within the last 3 months?</b>		
Yes, intentionally	12 (6.8%)	795 (9.4%)
Yes, unintentionally	76 (43.2%)	3179 (37.7%)
No, my weight stayed the same	64 (36.4%)	2488 (29.5%)
No, I gained weight	12 (6.8%)	911 (10.8%)
I do not know	12 (6.8%)	856 (10.2%)
Missing	-	199 (2.4%)

<b>9b. If yes, how many kg did you lose?</b>	6 [4-12]	6 [3-10]
I do not know	4 (4.5%)	672 (16.9%)

<b>10. Did you know about your hospitalisation two days before admission? (Yes)</b>	96 (55.5%)	3142 (39.1%)
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<b>11. Please indicate if you ...</b>		
... were weighed at admission	124 (70.5%)	4710 (56.2%)
... were informed about your nutrition status	101 (57.7%)	2651 (32.0%)
... were informed about nutrition care options	83 (47.4%)	2341 (28.3%)
... received special nutrition care	81 (46.3%)	2232 (27.0%)

<b>12. How well have you eaten in the week before you were admitted to the hospital?</b>		
More than normal	11 (6.3%)	366 (4.4%)
Normal	113 (64.2%)	5184 (62.0%)
About 3/4 of normal	14 (8.0%)	801 (9.6%)
About half of normal	18 (10.2%)	1028 (12.3%)



About a quarter to nearly nothing	20 (11.4%)	750 (9.0%)
I do not know	-	82 (0.98%)
Missing	-	157 (1.9%)

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

Very satisfied	33 (18.8%)	2303 (27.5%)
Somewhat satisfied	73 (41.5%)	2525 (30.2%)
Neutral	33 (18.8%)	1669 (19.9%)
Dissatisfied	10 (5.7%)	652 (7.8%)
Very dissatisfied	3 (1.7%)	252 (3.0%)
I do not know	23 (13.1%)	712 (8.5%)
Missing	1 (0.57%)	255 (3.0%)

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

Yes, from family or friends	2 (1.1%)	910 (10.9%)
Yes, from hospital staff	8 (4.5%)	544 (6.5%)
No	163 (92.6%)	6450 (77.1%)
I do not know	-	107 (1.3%)
Missing	3 (1.7%)	357 (4.3%)

<b>15. Were you able to eat without interruption TODAY? (Yes)</b>	138 (79.8%)	5869 (74.5%)
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### 16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	85 (48.3%)	4051 (48.4%)
1/2	39 (22.2%)	1966 (23.5%)
1/4	18 (10.2%)	1005 (12.0%)
Nothing	30 (17.0%)	975 (11.7%)
Missing	4 (2.3%)	371 (4.4%)

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

Standard	105 (59.7%)	5388 (64.4%)
Smaller	13 (7.4%)	778 (9.3%)
Larger	16 (9.1%)	328 (3.9%)
I do not know	27 (15.3%)	848 (10.1%)
Missing	15 (8.5%)	1026 (12.3%)

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

I did not like the type of food offered	4 (4.6%)	570 (14.4%)
I did not like the smell/taste of the food	11 (12.6%)	443 (11.2%)
The food did not fit my cultural/religious preferences	-	47 (1.2%)
The food was too hot	2 (2.3%)	14 (0.35%)
The food was too cold	2 (2.3%)	86 (2.2%)
Due to food allergy/intolerance	1 (1.1%)	25 (0.63%)
I was not hungry at that time	15 (17.2%)	672 (17.0%)

I do not have my usual appetite	22 (25.3%)	1114 (28.2%)
I have problems chewing/swallowing	8 (9.2%)	225 (5.7%)
I normally eat less than what was served	8 (9.2%)	428 (10.8%)
I had nausea/vomiting	5 (5.7%)	327 (8.3%)
I was too tired	6 (6.9%)	219 (5.5%)
I cannot eat without help	-	68 (1.7%)
I was not allowed to eat	15 (17.2%)	449 (11.4%)
I had an exam, surgery, or test and missed my meal	5 (5.7%)	234 (5.9%)
I did not get requested food	-	53 (1.3%)
No answer given	2 (2.3%)	481 (12.2%)

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

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

**19a. Did you eat any food apart from hospital food TODAY?** 34 (20.2%) 2048 (26.7%)

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

Sweet snacks	10 (29.4%)	501 (24.5%)
Salty snacks	7 (20.6%)	273 (13.3%)
Homemade food	3 (8.8%)	302 (14.7%)
Fruits	15 (44.1%)	724 (35.4%)
Dairy products	7 (20.6%)	212 (10.4%)
Food delivered/restaurant	2 (5.9%)	84 (4.1%)
Sandwich	1 (2.9%)	139 (6.8%)
Other	1 (2.9%)	400 (19.5%)

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

Increased	31 (17.6%)	1138 (13.6%)
Decreased	27 (15.3%)	2694 (32.2%)
Stayed the same	109 (61.9%)	3504 (41.9%)
I do not know	8 (4.5%)	582 (7.0%)
Missing	1 (0.57%)	450 (5.4%)

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

Stronger than at admission	61 (34.7%)	3635 (43.4%)
Weaker than at admission	51 (29.0%)	1458 (17.4%)
Same as at admission	56 (31.8%)	2363 (28.2%)

I was admitted today	4 (2.3%)	236 (2.8%)
I do not know	3 (1.7%)	454 (5.4%)
Missing	1 (0.57%)	222 (2.7%)

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

Yes	146 (83.0%)	4925 (58.9%)
No, only with assistance	14 (8.0%)	2067 (24.7%)
No, I stay in bed	12 (6.8%)	929 (11.1%)
Missing	4 (2.3%)	447 (5.3%)

<b>23. Did anyone help you complete this questionnaire?</b>	117 (69.6%)	5634 (69.0%)
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## V. Oncology: Unit organisation and structures ("Sheet 1 onco"):

	YOUR RESULTS	REFERENCE RESULTS
<b>Number of units with cancer patients:</b>	3	113
<b>Computerized system in hospital:</b>	3 units (100%) YES	109 units (96%) YES
<b>Nutritional treatment of cancer patients is part of overall care plan</b>	3 units (100%) YES	95 units (84%) YES
<b>Nutritional treatment is considered...</b>		
Routinely	3 (100%)	56 (49.6%)
When patient asks	-	29 (25.7%)
When body weight loss > 10%	1 (33,3%)	39 (34.5%)
During palliative phase	-	33 (29.2%)
Other	-	6 (5.31%)
Missing	-	17 (15.0%)
<b>Nutritional treatment is not part of the comprehensive approach due to</b>		
Lack of evidence	-	7 (6.19%)
No knowledge of the field	-	7 (6.19%)
No reimbursement	-	7 (6.19%)
It feeds the tumour	-	1 (0.88%)
Other	-	4 (3.54%)
<b>Nutritional therapy used for cancer patients</b>		
Nutrition according to nutrition plan	3 (100%)	64 (56.6%)
Calculation of energy needs	3 (100%)	82 (72.6%)
Monitoring patients intake and use of oral supplements	3 (100%)	99 (87.6%)
None	-	4 (3.54%)
Other	-	5 (4.42%)
Missing	-	2 (1.77%)
<b>Nutritional therapy is not used due to</b>		
Lack of evidence	-	2 (1.77%)
Lack of experience	-	6 (5.31%)
No reimbursement	-	3 (2.65%)
Lack of dietitians	-	8 (7.08%)
Lack of other experts	-	3 (2.65%)
Other	-	1 (0.88%)
Missing	-	-
<b>Assessment of parameters in cancer patients &amp; methods used:</b>		

**Anthropometry/Body composition:****Body weight**

Regularly	3 (100%)	75 (66.4%)
At chemotherapy	-	12 (10.6%)
When necessary	-	23 (20.4%)
Never	-	1 (0.88%)
Unknown	-	1 (0.88%)
Missing	-	1 (0.88%)

**Anthropometrics (circumference)**

Regularly	3 (100%)	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	-	40 (35.4%)
Never	-	53 (46.9%)
Unknown	-	1 (0.88%)
Missing	-	6 (5.31%)

**BIA**

Regularly	-	5 (4.42%)
At chemotherapy	-	-
When necessary	2 (66,7%)	23 (20.4%)
Never	-	77 (68.1%)
Unknown	1 (33,3%)	3 (2.65%)
Missing	-	5 (4.42%)

**CT SCAN**

Regularly	-	6 (5.31%)
At chemotherapy	-	1 (0.88%)
When necessary	1 (33,3%)	29 (25.7%)
Never	1 (33,3%)	70 (61.9%)
Unknown	1 (33,3%)	3 (2.65%)
Missing	-	4 (3.54%)

**DEXA**

Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	1 (33,3%)	15 (13.3%)
Never	1 (33,3%)	83 (73.5%)
Unknown	1 (33,3%)	8 (7.08%)
Missing	-	5 (4.42%)

**Other (body composition)**

Regularly	-	1 (0.88%)
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At chemotherapy	-	-
When necessary	-	16 (14.2%)
Never	1 (33,3%)	40 (35.4%)
Unknown	1 (33,3%)	19 (16.8%)
Missing	1 (33,3%)	37 (32.7%)

### Body function:

#### Handgrip

Regularly	1 (33,3%)	6 (5.31%)
At chemotherapy	1 (33,3%)	1 (0.88%)
When necessary	-	36 (31.9%)
Never	-	60 (53.1%)
Unknown	-	4 (3.54%)
Missing	1 (33,3%)	6 (5.31%)

#### 6-minutes walking test

Regularly	-	3 (2.65%)
At chemotherapy	-	-
When necessary	1 (33,3%)	32 (28.3%)
Never	-	66 (58.4%)
Unknown	1 (33,3%)	5 (4.42%)
Missing	1 (33,3%)	7 (6.19%)

#### Other (body function)

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

#### Nutritional requirements, calculated

Regularly	2 (66,7%)	32 (28.3%)
At chemotherapy	-	-
When necessary	1 (33,3%)	64 (56.6%)
Never	-	5 (4.42%)
Unknown	-	-
Missing	-	12 (10.6%)

#### Nutritional intake:

##### Every meal

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

Never	-	13 (11.5%)
Unknown	-	6 (5.31%)
Missing	1 (33,3%)	13 (11.5%)
<b>1 meal per day</b>		
Regularly	1 (33,3%)	12 (10.6%)
At chemotherapy	-	1 (0.88%)
When necessary	-	34 (30.1%)
Never	-	19 (16.8%)
Unknown	-	9 (7.96%)
Missing	2 (66,7%)	38 (33.6%)
<b>2 meals per day</b>		
Regularly	1 (33,3%)	12 (10.6%)
At chemotherapy	-	-
When necessary	-	33 (29.2%)
Never	-	20 (17.7%)
Unknown	-	9 (7.96%)
Missing	2 (66,7%)	39 (34.5%)
<b>24h recall</b>		
Regularly	1 (33,3%)	27 (23.9%)
At chemotherapy	-	2 (1.77%)
When necessary	1 (33,3%)	40 (35.4%)
Never	-	12 (10.6%)
Unknown	-	7 (6.19%)
Missing	1 (33,3%)	25 (22.1%)
<b>Other (nutritional intake)</b>		
Regularly	-	2 (1.77%)
At chemotherapy	-	-
When necessary	-	16 (14.2%)
Never	1 (33,3%)	22 (19.5%)
Unknown	-	17 (15.0%)
Missing	2 (66,7%)	56 (49.6%)
<b>Questionnaire completed by</b>		
Dietitian	3 (100%)	40 (35.4%)
Nurse	-	29 (25.7%)
Physician	-	38 (33.6%)
Nutritional scientist	-	5 (4.42%)
Other	-	-
Missing	-	1 (0.88%)

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

	YOUR RESULTS	REFERENCE RESULTS
<b>Number of patients completing Sheet 2_onco:</b>	30	959
<b>Demographic data:</b>		
Age (years)	64 [23-83]	66 [18-96]
Female gender	23 (76,7%)	378 (39.4%)
Weight (kg)	71,1 ± 15,9	65.1 ± 16.5
Height (cm)	167,6 ± 8,8	165.9 ± 9.9
BMI (kg/m2)	25,3 ± 5,4	23.7 ± 4.7
<b>Outpatient (o)/Ward (w)</b>		
Outpatient(o)	-	63 (6.57%)
Ward (w)	30 (100%)	892 (93.0%)
Missing	-	4 (0.42%)
<b>Goal of Therapy</b>		
Curative	22 (73,3%)	554 (57.8%)
Palliative	6 (20,0%)	343 (35.8%)
Terminal	2 (6,67%)	37 (3.86%)
Missing	-	25 (2.61%)
<b>Reason for admission</b>		
Clinical diagnostics	1 (3,33%)	104 (10.8%)
Therapy	10 (33,3%)	469 (48.9%)
Surgery related	9 (30,0%)	200 (20.9%)
Treatment complications	4 (13,3%)	119 (12.4%)
Poor health status	7 (23,3%)	118 (12.3%)
Independent care difficult	-	6 (0.63%)
Missing	-	-
<b>Present cancer diagnosis</b>		
Breast	4 (13,3%)	51 (5.32%)
Colon, rectum	-	163 (17.0%)
Prostate	1 (3,33%)	29 (3.02%)
Lung	-	75 (7.82%)
Skin	-	4 (0.42%)
Kidney/bladder	-	30 (3.13%)
Gastric/oesophageal	2 (6,67%)	144 (15.0%)
Pancreas	2 (6,67%)	63 (6.57%)
Lymphoma	6 (20,0%)	94 (9.80%)
Ears nose throat (ENT)	-	41 (4.28%)
Leukaemia	4 (13,3%)	74 (7.72%)
Genital tract	9 (30,0%)	32 (3.34%)



Liver	2 (6,67%)	103 (10.7%)
Sarcoma	-	8 (0.83%)
Brain	-	11 (1.15%)
Testicular	-	-
Other	-	73 (7.61%)
Missing	-	11 (1.15%)

### Time since diagnosis

0-2 months	4 (13,3%)	344 (35.9%)
3-5 months	12 (40,0%)	159 (16.6%)
6-12 months	3 (10,0%)	152 (15.8%)
1-2 years	5 (16,7%)	118 (12.3%)
2-4 years	2 (6,67%)	77 (8.03%)
> 4 years	4 (13,3%)	87 (9.07%)
Missing	-	19 (1.98%)

### Cancer staging

0=Carcinoma in situ	-	35 (3.65%)
I=Localized	6 (20,0%)	202 (21.1%)
II=Early locally advanced	5 (16,7%)	159 (16.6%)
III=Late locally advanced	4 (13,3%)	168 (17.5%)
IV=Metastasised	15 (50,0%)	287 (29.9%)
Missing	-	108 (11.3%)

### Time since first therapy start

No therapy	1 (3,33%)	125 (13.0%)
Tumour staging/diagnosis	1 (3,33%)	63 (6.57%)
0-2 months	7 (23,3%)	267 (27.8%)
3-5 months	8 (26,7%)	128 (13.3%)
6-12 months	4 (13,3%)	135 (14.1%)
1-2 years	5 (16,7%)	90 (9.38%)
2-4 years	2 (6,67%)	59 (6.15%)
> 4 years	2 (6,67%)	98 (10.2%)
Missing	-	16 (1.67%)

### Therapy situation

Diagnosis	-	107 (11.2%)
Chemotherapy 1st line	8 (26,7%)	175 (18.2%)
Chemotherapy > 1st line	7 (23,3%)	142 (14.8%)
Radiotherapy	5 (16,7%)	67 (6.99%)
Target therapy	5 (16,7%)	30 (3.13%)
Hormone therapy	-	12 (1.25%)
Palliative	5 (16,7%)	108 (11.3%)
Surgery	-	322 (33.6%)

Cancer related complications	-	57 (5.94%)
Therapy related complications	-	36 (3.75%)
Missing	1 (3,33%)	13 (1.36%)

### Infections

None	25 (83,3%)	731 (76.2%)
Local	2 (6,67%)	136 (14.2%)
General	3 (10,0%)	70 (7.30%)
Missing	-	22 (2.29%)

### Nutrition Treatment

No special diet	16 (53,3%)	453 (47.2%)
Individualized diet plan	3 (10,0%)	228 (23.8%)
Energy rich/protein rich ONS	19 (63,3%)	120 (12.5%)
Enteral nutrition (via NGT/PEG)	-	52 (5.42%)
Parenteral nutrition	3 (10,0%)	128 (13.3%)
ONS enriched with special nutrients	-	19 (1.98%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	7 (0.73%)
Personal preferences	4 (13,3%)	109 (11.4%)
Counselling	7 (23,3%)	54 (5.63%)
Other	-	27 (2.82%)
Missing	-	-

## V. Oncology: Cancer patients - Appetite, food intake & quality of life ("Sheet 3 onco"):

	YOUR RESULTS	REFERENCE RESULTS
<b>Number of patients completing Sheet 3_onco:</b>	30	951
<b>Body weight prior to becoming ill</b>	75 [47-130]	70 [22-180]
<b>Actual body weight</b>	69 [42-104]	63 [21-128]
<b>Change in weight was</b>		
Intentional	-	31 (3.23%)
Unintentional	19 (63,3%)	607 (63.3%)
Weight is stable	8 (26,7%)	154 (16.1%)
Missing	-	30 (3.13%)
<b>During the last week</b>		
<b>Patients who have had pain:</b>		
Not at all	11 (36,7%)	329 (34.3%)
A little	11 (36,7%)	263 (27.4%)
Quite a bit	6 (20,0%)	161 (16.8%)
Very much	2 (6,67%)	107 (11.2%)
Missing	-	87 (9.07%)
<b>Patients who needed a rest:</b>		
Not at all	6 (20,0%)	230 (24.0%)
A little	10 (33,3%)	279 (29.1%)
Quite a bit	9 (30,0%)	212 (22.1%)
Very much	5 (16,7%)	125 (13.0%)
Missing	-	95 (9.91%)
<b>Patients who felt weak:</b>		
Not at all	9 (30,0%)	228 (23.8%)
A little	9 (30,0%)	266 (27.7%)
Quite a bit	7 (23,3%)	224 (23.4%)
Very much	5 (16,7%)	135 (14.1%)
Missing	-	92 (9.59%)
<b>Patients who felt depressed:</b>		
Not at all	13 (43,3%)	348 (36.3%)
A little	10 (33,3%)	303 (31.6%)
Quite a bit	4 (13,3%)	125 (13.0%)
Very much	3 (10,0%)	72 (7.51%)
Missing	-	89 (9.28%)
<b>Patients who were tired:</b>		

Not at all	6 (20,0%)	241 (25.1%)
A little	10 (33,3%)	283 (29.5%)
Quite a bit	9 (30,0%)	213 (22.2%)
Very much	5 (16,7%)	116 (12.1%)
Missing	-	89 (9.28%)

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

Not at all	13 (43,3%)	373 (38.9%)
A little	8 (26,7%)	220 (22.9%)
Quite a bit	6 (20,0%)	142 (14.8%)
Very much	3 (10,0%)	110 (11.5%)
Missing	-	94 (9.80%)

#### Patients who lacked appetite:

Not at all	13 (43,3%)	347 (36.2%)
A little	8 (26,7%)	238 (24.8%)
Quite a bit	7 (23,3%)	149 (15.5%)
Very much	2 (6,67%)	113 (11.8%)
Missing	-	95 (9.91%)

#### Just now

##### Patients who have pain:

Not at all	7 (23,3%)	375 (39.1%)
A little	16 (53,3%)	304 (31.7%)
Quite a bit	6 (20,0%)	122 (12.7%)
Very much	-	45 (4.69%)
Missing	1 (3,33%)	98 (10.2%)

##### Patients who need a rest:

Not at all	1 (3,33%)	192 (20.0%)
A little	15 (50,0%)	322 (33.6%)
Quite a bit	11 (36,7%)	230 (24.0%)
Very much	2 (6,67%)	98 (10.2%)
Missing	-	96 (10.0%)

##### Patients who feel weak:

Not at all	6 (20,0%)	209 (21.8%)
A little	14 (46,7%)	313 (32.6%)
Quite a bit	8 (26,7%)	219 (22.8%)
Very much	1 (3,33%)	99 (10.3%)
Missing	-	98 (10.2%)

##### Patients who are depressed:

Not at all	19 (63,3%)	375 (39.1%)
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A little	7 (23,3%)	314 (32.7%)
Quite a bit	3 (10,0%)	116 (12.1%)
Very much	1 (3,33%)	39 (4.07%)
Missing	-	96 (10.0%)

#### Patients who are tired:

Not at all	6 (20,0%)	222 (23.1%)
A little	14 (46,7%)	343 (35.8%)
Quite a bit	7 (23,3%)	197 (20.5%)
Very much	2 (6,67%)	82 (8.55%)
Missing	-	94 (9.80%)

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

Not at all	9 (30,0%)	339 (35.3%)
A little	10 (33,3%)	259 (27.0%)
Quite a bit	8 (26,7%)	154 (16.1%)
Very much	3 (10,0%)	80 (8.34%)
Missing	-	100 (10.4%)

#### Patients who lack appetite:

Not at all	15 (50,0%)	327 (34.1%)
A little	9 (30,0%)	264 (27.5%)
Quite a bit	6 (20,0%)	157 (16.4%)
Very much	-	92 (9.59%)
Missing	-	99 (10.3%)

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

Nausea/Vomiting	5 (16,7%)	154 (16.1%)
Inflammation in mouth	2 (6,67%)	55 (5.74%)
Pain	1 (3,33%)	116 (12.1%)
Constipation	2 (6,67%)	64 (6.67%)
Diarrhea	1 (3,33%)	42 (4.38%)
Change in taste/smell	7 (23,3%)	104 (10.8%)
Early satiation/Loss of appetite	7 (23,3%)	217 (22.6%)
Other	1 (3,33%)	165 (17.2%)
Missing	3 (10,0%)	45 (4.69%)

#### Maximum activity performed by patients

Able to do sports	-	38 (3.96%)
Fully active	-	125 (13.0%)
Able to carry out light activities	4 (13,3%)	184 (19.2%)
Able to carry out self care	18 (60,0%)	215 (22.4%)
Able to carry out limited self care	8 (26,7%)	146 (15.2%)
Confined to bed or chair	-	142 (14.8%)

Missing	-	96 (10.0%)
<b>Patient takes additional (without prescription)</b>		
Nothing	10 (33,3%)	611 (63.7%)
Herbal tea	12 (40,0%)	75 (7.82%)
Nutritional supplements	6 (20,0%)	61 (6.36%)
Multivitamin	2 (6,67%)	37 (3.86%)
Other medication	3 (10,0%)	44 (4.59%)
Other	2 (6,67%)	49 (5.11%)
Missing	1 (3,33%)	116 (12.1%)
<b>Additional activities performed</b>		
Nothing	14 (46,7%)	710 (74.0%)
Psychotherapy	-	17 (1.77%)
Yoga	3 (10,0%)	9 (0.94%)
Meditation	3 (10,0%)	21 (2.19%)
Progressive muscle relaxation	-	14 (1.46%)
Qigong	-	1 (0.10%)
Other	1 (3,33%)	68 (7.09%)
Missing	11 (36,7%)	129 (13.5%)
<b>Patients having difficulties in complying with treatment</b>	2 (6,67%)	181 (18.9%)
<b>Patients needing help to complete questionnaire</b>	19 (63,3%)	545 (56.8%)
<b>Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:</b>	29 (96,7%)	549 (57.2%)