



nutritionDay  
WORLDWIDE

Country Report  
nutritionDay 2022  
Argentina

Dear participant,

Thank you for participating to nutritionDay worldwide in 2022. Your country report consists of the following sample size:

<b>Number of participated center:</b>	<b>9</b>
<b>Number of participated units:</b>	<b>17</b>
<b>Number of patients:</b>	<b>400</b>
<b>Number of patients who gave consent:</b>	<b>349</b>
<b>Number of patients completing Sheet 3a:</b>	<b>338</b>
<b>Number of patients completing Sheet 3b:</b>	<b>336</b>
<b>Number of cancer patients:</b>	<b>64</b>
<b>Number of patients completing Sheet 2_onco:</b>	<b>14</b>
<b>Number of patients completing Sheet 3_onco:</b>	<b>14</b>
<b>Number of patients with 30-day outcome assessment:</b>	<b>321</b>

This report compares your country to the international reference database based on data from nutritionDay 2018-2021.

The report consists of 6 parts:

Part I reflects capacity and staffing of your hospital.

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

Part III describes 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 the oncology Report.

Part VI COVID-19

**Participate again to next year's nutritionDay in November 2023! Repeated participation allows benchmarking and monitoring the nutrition care in your country. For more information visit [www.nutritionDay.org](http://www.nutritionDay.org) or contact us at [office@nutritionDay.org](mailto:office@nutritionDay.org)!**

Best regards from the nutritionDay-Team!

Prof. Dr. Michael Hiesmayr

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

	YOUR RESULTS	REFERENCE RESULTS
<b>1. Total number of beds in hospital</b>	200 [66-325]	355 [189-682]
<b>2. Total number of admissions in the hospital last year</b>	17124 [1880-28988]	18110 [8380-41842]
<b>3. Total number of staff in the hospital</b>		
Total medical doctors	159 [141-478]	179 [90-394]
Medical specialists	112 [61-152]	110 [39-253]
Medical non-specialists	63 [17-156]	47 [20-125]
Nurses	260 [179-353]	385 [172-874]
Dieticians	2 [0-8]	4 [1-9]
Nutritionists	2 [2-4]	1 [0-4]
Pharmacists	4 [3-10]	9 [4-23]
Kitchen staff	13 [7-45]	29 [12-55]
<b>Full time equivalent</b>		
Total medical doctors	469 [469-469]	153 [62-360]
Medical specialists	289 [289-289]	92 [34-249]
Medical non-specialists	180 [180-180]	40 [17-118]
Nurses	492 [492-492]	328 [159-751]
Dieticians	8 [8-8]	4 [1-8]
Nutritionists	2 [2-2]	1 [0-4]
Pharmacists	42 [42-42]	7 [3-16]
Kitchen staff	64 [64-64]	29 [11-56]
<b>4. Does the hospital have a nutrition care strategy?</b>	6 (75.0%) Yes	467 (80.7%) Yes
<b>5. Which nutrition-related standards or routine activities exist in your hospital?</b>		
Nutrition training is available	4 (44.4%) Yes	407 (66.4%) Yes
Nutrition steering committee is available	1 (11.1%) Yes	312 (50.9%) Yes
Quality indicators are recorded and reported to national or regional level	3 (33.3%) Yes	220 (35.9%) Yes
Quality indicators are used for internal benchmarking	2 (22.2%) Yes	310 (50.6%) Yes
Patient feedback about food and food service is collected using a questionnaire	4 (44.4%) Yes	409 (66.7%) Yes
None	3 (33.3%) Yes	62 (10.1%) Yes
No answer given	1 (11.1%)	34 (5.5%)
<b>6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?</b>		
<b>Codes available</b>		
Nutrition Support	4 (44.4%) Yes	318 (51.9%) Yes

Oral nutrition supplements	5 (55.6%) Yes	264 (43.1%) Yes
Parenteral nutrition	7 (77.8%) Yes	373 (60.8%) Yes
Enteral nutrition	7 (77.8%) Yes	350 (57.1%) Yes
Dietary counseling	3 (33.3%) Yes	238 (38.8%) Yes
Specific dietary interventions	4 (44.4%) Yes	207 (33.8%) Yes
Screening for malnutrition	2 (22.2%) Yes	196 (32.0%) Yes
Risk of malnutrition	2 (22.2%) Yes	176 (28.7%) Yes
Malnutrition (in general)	2 (22.2%) Yes	269 (43.9%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	1 (11.1%) Yes	252 (41.1%) Yes
No information available from billing/finance/controlling	1 (11.1%) Yes	124 (20.2%) Yes
No answer given	-	34 (5.5%)

### Codes routinely used

Nutrition Support	3 (33.3%) Yes	281 (45.8%) Yes
Oral nutrition supplements	3 (33.3%) Yes	235 (38.3%) Yes
Parenteral nutrition	5 (55.6%) Yes	340 (55.5%) Yes
Enteral nutrition	5 (55.6%) Yes	327 (53.3%) Yes
Dietary counseling	1 (11.1%) Yes	208 (33.9%) Yes
Specific dietary interventions	3 (33.3%) Yes	187 (30.5%) Yes
Screening for malnutrition	1 (11.1%) Yes	171 (27.9%) Yes
Risk of malnutrition	1 (11.1%) Yes	158 (25.8%) Yes
Malnutrition (in general)	1 (11.1%) Yes	247 (40.3%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	1 (11.1%) Yes	226 (36.9%) Yes
No information available from billing/finance/controlling	1 (11.1%) Yes	134 (21.9%) Yes
No answer given	-	34 (5.5%)

## II. Unit organisation and structures (“Sheet 1a/1b”)

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	8 (47.1%)	20.5%
Internal Medicine / Cardiology	-	4.3%
Internal Medicine / Gastroenterology & hepatology	-	7.6%
Internal Medicine / Geriatrics	-	9.5%
Internal Medicine / Infectious diseases	-	0.5%
Internal Medicine / Nephrology	-	1.3%
Internal Medicine / Oncology (incl. radiotherapy)	1 (5.9%)	8.0%
Interdisciplinary	2 (11.8%)	2.9%
Long term care	-	2.6%
Neurology	-	4.0%
Surgery / General	2 (11.8%)	14.5%
Surgery/ Cardiac/Vascular/Thoracic	-	1.8%
Surgery / Neurosurgery	-	0.7%
Surgery / Orthopedic	-	3.5%
Trauma	-	0.6%
Ear Nose Throat (ENT)	-	1.4%
Gynecology / Obstetrics	1 (5.9%)	1.6%
Pediatrics	-	0.4%
Psychiatry	-	1.0%
Others	3 (17.6%)	13.2%
<b>2. Number of registered inpatients at noon</b>	21 [14-38]	22 [17-30]
<b>3. Total bed capacity of the unit</b>	30 [22-73]	29 [23-40]
<b>4. Number of each type of staff in the unit for TODAY’s morning shift</b>		
<b>Fully trained</b>		
Medical doctors	7 [4-11]	3 [2-6]
Nurses	10 [4-19]	4 [3-7]
Nursing aides	0 [0-1]	2 [1-4]
Dieticians	2 [0-2]	1 [0-1]
Nutritionists	1 [0-1]	0 [0-1]
Administrative staff	1 [1-4]	1 [0-2]
Other staff involved in patient care	0 [0-0]	1 [0-3]
<b>In training</b>		
Medical doctors	10 [5-15]	1 [0-3]
Medical students	0 [0-1]	0 [0-2]
Nurses	0 [0-0]	1 [0-2]

Nursing aides	0 [0-0]	0 [0-0]
Dieticians	0 [0-0]	0 [0-0]
Nutritionists	0 [0-1]	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?** 5 (38.5%) Yes 938 (81.3%) Yes

**6. Does the unit have a nutrition care strategy?** 6 (46.2%) Yes 913 (79.1%) Yes

**7. Is there a person in your unit responsible for nutrition care?** 13 (100%) Yes 853 (73.9%) Yes

**8. Is there a dietician, nutritionist or dietetic assistant available for your unit?** 15 (100%) Yes 1210 (89.6%) Yes

**9. Is specific staff responsible for providing feeding assistance to patients during meal times?** 3 (23.1%) Yes 659 (57.1%) Yes

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

**At admission**

No routine screening	1 (5.9%) Yes	116 (8.2%) Yes
No fixed criteria	-	16 (1.1%) Yes
Experience / visual assessment only	-	84 (5.9%) Yes
Weighing / BMI only	-	211 (14.8%) Yes
Nutritional Risk Screening (NRS) 2002	4 (23.5%) Yes	464 (32.6%) Yes
Malnutrition Universal Screening Tool (MUST)	-	102 (7.2%) Yes
Malnutrition Screening tool (MST)	9 (52.9%) Yes	103 (7.2%) Yes
SNAQ	-	26 (1.8%) Yes
Other formal tool	1 (5.9%) Yes	215 (15.1%) Yes
I do not know	-	13 (0.91%) Yes
Missing	2 (11.8%)	73 (5.1%)

**During hospital stay**

No routine monitoring	-	124 (8.7%) Yes
No fixed criteria	2 (11.8%) Yes	108 (7.6%) Yes
Experience / visual assessment only	2 (11.8%) Yes	211 (14.8%) Yes
Weighing / BMI only	1 (5.9%) Yes	458 (32.2%) Yes
Other formal tool	10 (58.8%) Yes	404 (28.4%) Yes
I do not know	-	45 (3.2%) Yes
Missing	2 (11.8%)	73 (5.1%)

**11a. Do you routinely use guidelines or standards for nutrition care?** 11 (91.7%) Yes 953 (85.2%) Yes

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

International guidelines	10 (90.9%) Yes	296 (31.1%) Yes
National guidelines	-	141 (14.8%) Yes
Standards on hospital level	-	344 (36.1%) Yes
Standards on unit level	1 (9.1%) Yes	61 (6.4%) Yes
Individual patient nutrition care plans	-	97 (10.2%) Yes
Other	-	6 (0.63%) Yes
Missing	-	8 (0.84%)

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

Watchful waiting	7 (41.2%) Yes	361 (25.4%) Yes
Discuss nutrition care activities during ward rounds	4 (23.5%) Yes	597 (42.0%) Yes
Develop an individual nutrition care plan	9 (52.9%) Yes	684 (48.1%) Yes
Initiate treatment / nutrition intervention	8 (47.1%) Yes	750 (52.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	6 (35.3%) Yes	725 (50.9%) Yes
Consult a medical professional	5 (29.4%) Yes	430 (30.2%) Yes
Calculate energy requirements	9 (52.9%) Yes	601 (42.2%) Yes
Calculate protein requirements	9 (52.9%) Yes	590 (41.5%) Yes

**Malnourished**

Watchful waiting	6 (35.3%) Yes	264 (18.6%) Yes
Discuss nutrition care activities during ward rounds	4 (23.5%) Yes	622 (43.7%) Yes
Develop an individual nutrition care plan	8 (47.1%) Yes	757 (53.2%) Yes
Initiate treatment / nutrition intervention	7 (41.2%) Yes	818 (57.5%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	5 (29.4%) Yes	744 (52.3%) Yes
Consult a medical professional	6 (35.3%) Yes	552 (38.8%) Yes
Calculate energy requirements	8 (47.1%) Yes	710 (49.9%) Yes
Calculate protein requirements	8 (47.1%) Yes	702 (49.3%) Yes

**Every patient**

Watchful waiting	7 (41.2%) Yes	634 (44.6%) Yes
Discuss nutrition care activities during ward rounds	11 (64.7%) Yes	328 (23.0%) Yes
Develop an individual nutrition care plan	4 (23.5%) Yes	195 (13.7%) Yes
Initiate treatment / nutrition intervention	5 (29.4%) Yes	166 (11.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	8 (47.1%) Yes	254 (17.8%) Yes
Consult a medical professional	10 (58.8%) Yes	298 (20.9%) Yes
Calculate energy requirements	3 (17.6%) Yes	162 (11.4%) Yes
Calculate protein requirements	3 (17.6%) Yes	143 (10.0%) Yes

**Never**

Watchful waiting	-	110 (7.7%) Yes
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Discuss nutrition care activities during ward rounds	-	65 (4.6%) Yes
Develop an individual nutrition care plan	-	52 (3.7%) Yes
Initiate treatment / nutrition intervention	-	25 (1.8%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	15 (1.1%) Yes
Consult a medical professional	-	110 (7.7%) Yes
Calculate energy requirements	-	112 (7.9%) Yes
Calculate protein requirements	-	117 (8.2%) Yes

### I do not know

Watchful waiting	-	75 (5.3%) Yes
Discuss nutrition care activities during ward rounds	-	42 (3.0%) Yes
Develop an individual nutrition care plan	-	50 (3.5%) Yes
Initiate treatment / nutrition intervention	-	39 (2.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	43 (3.0%) Yes
Consult a medical professional	-	99 (7.0%) Yes
Calculate energy requirements	-	69 (4.8%) Yes
Calculate protein requirements	-	75 (5.3%) Yes

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

at admission	6 (35.3%) Yes	919 (64.6%) Yes
Within 24 hours	-	194 (13.6%) Yes
Within 48 hours	-	77 (5.4%) Yes
Within 72 hours	-	28 (2.0%) Yes
Every week	5 (29.4%) Yes	651 (45.7%) Yes
Occasionally	8 (47.1%) Yes	151 (10.6%) Yes
When requested	8 (47.1%) Yes	728 (51.2%) Yes
At discharge	-	80 (5.6%) Yes
Never	-	13 (0.91%) Yes
I do not know	-	17 (1.2%) Yes
No answer given	-	73 (5.1%)

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

Offer additional meals or in between snacks	15 (88.2%) Yes	1096 (77.0%) Yes
Offer meal choices	12 (70.6%) Yes	985 (69.2%) Yes
Offer different portion sizes	7 (41.2%) Yes	895 (62.9%) Yes
Consider food presentation	5 (29.4%) Yes	479 (33.7%) Yes
Change food texture/consistency as needed	15 (88.2%) Yes	1158 (81.4%) Yes
Consider patient problems with eating and drinking	15 (88.2%) Yes	1168 (82.1%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	2 (11.8%) Yes	383 (26.9%) Yes
Promote positive eating environment	2 (11.8%) Yes	468 (32.9%) Yes
Consider cultural/religious preferences	14 (82.4%) Yes	1022 (71.8%) Yes
Consider patient allergies / intolerances	15 (88.2%) Yes	1198 (84.2%) Yes
Other	-	102 (7.2%) Yes

I do not know	-	27 (1.9%) Yes
No answer given	2 (11.8%)	73 (5.1%)

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

Nutrition training is available	7 (41.2%) Yes	769 (54.0%) Yes
Reporting of nutrition related information to hospital managers	5 (29.4%) Yes	549 (38.6%) Yes
Quality indicators are recorded and reported to national or regional level	3 (17.6%) Yes	396 (27.8%) Yes
Quality indicators are used for internal benchmarking	3 (17.6%) Yes	488 (34.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	10 (58.8%) Yes	803 (56.4%) Yes
None	1 (5.9%) Yes	51 (3.6%) Yes
I do not know	-	65 (4.6%) Yes
No answer given	4 (23.5%)	269 (18.9%)

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

Change in weight	13 (76.5%) Yes	977 (68.7%) Yes
Eating habits/difficulties	12 (70.6%) Yes	893 (62.8%) Yes
Nutrition before admission	12 (70.6%) Yes	698 (49.1%) Yes
None	-	30 (2.1%) Yes
I do not know	-	45 (3.2%) Yes
No answer given	4 (23.5%)	269 (18.9%)

### 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	8 (47.1%) Yes	963 (67.7%) Yes
nutrition treatment	7 (41.2%) Yes	751 (52.8%) Yes
None	4 (23.5%) Yes	59 (4.1%) Yes
I do not know	-	43 (3.0%) Yes

#### b. Discharge Letter ...

summarizes nutrition treatment received during stay	3 (17.6%) Yes	581 (40.8%) Yes
makes future nutrition-related recommendations	11 (64.7%) Yes	780 (54.8%) Yes
None	1 (5.9%) Yes	90 (6.3%) Yes
I do not know	-	150 (10.5%) Yes

<b>18. Do you provide brochures about malnutrition to at risk/malnourished patients?</b>	2 (16.7%) Yes	498 (46.6%) Yes
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### 19. Who filled in this sheet?

Head staff	3 (17.6%) Yes	350 (24.6%) Yes
Dietician	9 (52.9%) Yes	611 (42.9%) Yes
Nurse	-	327 (23.0%) Yes



Physician	2 (11.8%) Yes	145 (10.2%) Yes
Administrative staff	-	29 (2.0%) Yes
Other	2 (11.8%) Yes	106 (7.4%) Yes
None	-	2 (0.14%) Yes
I do not know	-	24 (1.7%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	349	26592
Age	54 [39-66]	66 [51-78]
Female	178 (51.0%)	13033 (49.0%)
Weight	74.1±22.1	70.4±18.6
Height	166±9	165±10
BMI	26.8±7.5	25.6±5.9

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

planned	130 (37.2%)	8843 (33.3%)
an emergency	196 (56.2%)	15921 (59.9%)
I do not know	23 (6.6%)	1828 (6.9%)
No answer given	-	-

#### 2a. Diagnosis at admission

0100 Infectious and parasitic diseases	66 (18.9%)	2701 (10.2%)
0200 Neoplasms	58 (16.6%)	4712 (17.7%)
0300 Blood and bloodforming organs and the immune mechanism	33 (9.5%)	1843 (6.9%)
0400 Endocrine, nutritional and metabolic diseases	34 (9.7%)	3356 (12.6%)
0500 Mental health	15 (4.3%)	1197 (4.5%)
0600 Nervous system	17 (4.9%)	2419 (9.1%)
0700 Eye and adnexa	-	316 (1.2%)
0800 Ear and mastoid process	-	133 (0.50%)
0900 Circulatory system	30 (8.6%)	5507 (20.7%)
1000 Respiratory system	34 (9.7%)	4000 (15.0%)
1100 Digestive system	76 (21.8%)	6204 (23.3%)
1200 Skin and subcutaneous tissue	22 (6.3%)	1451 (5.5%)
1300 Musculoskeletal system and connective tissue	25 (7.2%)	4622 (17.4%)
1400 Genitourinary system	31 (8.9%)	2898 (10.9%)
1500 Pregnancy, childbirth and the puerperium	24 (6.9%)	424 (1.6%)
1600 Conditions originating in the perinatal period	-	71 (0.27%)
1700 Congenital/chromosomal abnormalities	-	65 (0.24%)
1800 Symptoms, signs, abnormal clinical/lab findings	31 (8.9%)	1441 (5.4%)
1900 Injury, poisoning	1 (0.29%)	796 (3.0%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	8 (2.3%)	899 (3.4%)
2100 Factors influencing health status and contact with health services	8 (2.3%)	1002 (3.8%)
No answer given	-	-

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

Cardiac insufficiency	28 (8.2%)	4789 (18.8%)
Myocardial infarction	11 (3.2%)	1373 (5.4%)
Chronic lung disease	22 (6.4%)	3146 (12.4%)
Cerebral vascular disease	17 (5.0%)	2107 (8.3%)
Peripheral vascular disease	20 (5.8%)	2764 (10.9%)
Chronic liver disease	10 (2.9%)	1399 (5.5%)
Chronic kidney disease	27 (7.9%)	3056 (12.1%)
Diabetes	87 (25.2%)	5929 (23.2%)
Cancer	64 (18.7%)	5496 (21.5%)
Infection	54 (15.7%)	3680 (14.5%)
Dementia	4 (1.2%)	1243 (4.9%)
Major depressive disorder	12 (3.5%)	1152 (4.5%)
Other chronic mental disorder	17 (5.0%)	1149 (4.5%)
Other chronic disease	109 (31.9%)	6868 (26.9%)
None	90 (25.8%)	5214 (19.6%)

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

Yes, planned	47 (13.5%)	4741 (17.8%)
Yes, acute	18 (5.2%)	1848 (6.9%)
No	230 (65.9%)	15775 (59.3%)
I do not know	3 (0.86%)	246 (0.93%)
Missing	51 (14.6%)	3982 (15.0%)

Days since operation	14 [1-43]	5 [1-15]
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#### 4b. Planned operation during this hospital stay

Yes, today or tomorrow	61 (17.5%)	2462 (9.3%)
Yes, later	22 (6.3%)	1594 (6.0%)
No	212 (60.7%)	17439 (65.6%)
I do not know	2 (0.57%)	642 (2.4%)
Missing	52 (14.9%)	4455 (16.8%)

#### 5. Previous ICU admission during this hospital stay? (Yes)

40 (13.3%)	2641 (11.5%)
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#### 6. Is this patient terminally ill?

31 (8.9%)	1752 (6.6%)
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#### 7. Fluid status

Normal	301 (86.2%)	20786 (78.2%)
Overloaded	11 (3.2%)	1272 (4.8%)
Dehydrated	23 (6.6%)	1395 (5.2%)
I do not know	14 (4.0%)	3139 (11.8%)
Missing	-	-

## 8. Number of different medications planned

Oral	3 [1-5]	5 [2-8]
Other	4 [2-6]	2 [1-4]

## 9. Was this patient identified as malnourished or at risk of malnutrition?

Malnourished	51 (14.6%)	3439 (12.9%)
At risk	67 (19.2%)	5137 (19.3%)
No	211 (60.5%)	16313 (61.3%)
I do not know	20 (5.7%)	1703 (6.4%)
Missing	-	-

## 10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	202 (57.9%)	8813 (33.1%)
5% Glucose solution	40 (11.5%)	1921 (7.2%)

## 11. Number of ONS drinks planned

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

Regular hospital food	107 (30.7%)	15963 (60.0%)
Fortified/enriched hospital food	25 (7.2%)	3591 (13.5%)
Protein/energy supplement (e.g. ONS drinks)	37 (10.6%)	4623 (17.4%)
Enteral nutrition	30 (8.6%)	1194 (4.5%)
Parenteral nutrition	18 (5.2%)	965 (3.6%)
Special diet	181 (51.9%)	7968 (30.0%)
None	21 (6.0%)	995 (3.7%)

## 13a. All lines and Tubes

Central Venous	32 (10.7%)	2276 (10.0%)
Peripheral venous access	193 (64.3%)	12226 (53.5%)
Nasogastric	18 (6.0%)	550 (2.4%)
Nasojejunal	-	126 (0.55%)
Nasoduodenal	-	60 (0.26%)
Enterostoma	-	100 (0.44%)
Percutaneous endoscopy/surgical gastrostomy	5 (1.7%)	265 (1.2%)
Percutaneous endoscopy/surgical jejunostomy	-	90 (0.39%)
None	124 (35.5%)	12214 (45.9%)

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

Yes, previously	9 (2.6%)	329 (1.2%)
Yes, ongoing	4 (1.1%)	192 (0.72%)
No	259 (74.2%)	19494 (73.3%)
I do not know	20 (5.7%)	1927 (7.2%)
Missing	57 (16.3%)	4650 (17.5%)

<b>14. Please indicate if any of the following was done for this patient since admission</b>		
Energy requirements were determined	124 (41.3%)	9131 (39.9%)
Protein requirements were determined	114 (38.0%)	8285 (36.2%)
Food/Nutrition intake was recorded in the patient record	81 (27.0%)	10365 (45.3%)
Nutrition treatment plan was developed	157 (52.3%)	8802 (38.5%)
Nutrition expert was consulted	160 (53.3%)	9074 (39.7%)
Malnutrition status is recorded in the patient record	79 (26.3%)	7837 (34.3%)
None	-	-

<b>15a. Energy goal</b>		
< 500 kcal	6 (1.7%)	691 (2.6%)
500-999 kcal	2 (0.57%)	245 (0.92%)
1000-1499 kcal	9 (2.6%)	2014 (7.6%)
1500-1999 kcal	96 (27.5%)	7614 (28.6%)
>=2000 kcal	86 (24.6%)	2877 (10.8%)
Not determined	91 (26.1%)	7476 (28.1%)
I do not know	10 (2.9%)	1955 (7.4%)
Missing	49 (14.0%)	3720 (14.0%)

<b>15b. Energy intake</b>		
< 500 kcal	14 (4.0%)	1231 (4.6%)
500-999 kcal	16 (4.6%)	1085 (4.1%)
1000-1499 kcal	22 (6.3%)	2897 (10.9%)
1500-1999 kcal	93 (26.6%)	5852 (22.0%)
>=2000 kcal	66 (18.9%)	1702 (6.4%)
Not determined	76 (21.8%)	7294 (27.4%)
I do not know	13 (3.7%)	2811 (10.6%)
Missing	49 (14.0%)	3720 (14.0%)

<b>16. Since admission, this patient's health status has...</b>		
Improved	171 (49.0%)	12031 (45.2%)
Deteriorated	17 (4.9%)	1361 (5.1%)
Remained the same	61 (17.5%)	6081 (22.9%)
This patient has just been admitted	43 (12.3%)	1469 (5.5%)
I do not know	8 (2.3%)	1930 (7.3%)
Missing	49 (14.0%)	3720 (14.0%)
Length of hospital stay (days)	11 [6-22]	13 [7-24]

<b>Outcome Code</b>		
1= Still in the hospital	30 (8.6%)	3018 (11.3%)
2= Transferred to another hospital	5 (1.4%)	595 (2.2%)
3= Transferred to long term care	5 (1.4%)	1051 (4.0%)

4= Rehabilitation	2 (0.57%)	875 (3.3%)
5= Discharged home	263 (75.4%)	19467 (73.2%)
6= Death	10 (2.9%)	934 (3.5%)
7= Others	6 (1.7%)	444 (1.7%)
Missing	28 (8.0%)	208 (0.78%)

#### Readmitted since nutritionDay

1= No	201 (70.5%)	17749 (77.4%)
2= Yes, same hospital planned	8 (2.8%)	1486 (6.5%)
3= Yes, same hospital unplanned	17 (6.0%)	1401 (6.1%)
4= Yes, different hospital planned	-	126 (0.55%)
5= Yes, different hospital unplanned	-	126 (0.55%)
6= Unknown	3 (1.1%)	344 (1.5%)
Missing	56 (19.6%)	1641 (7.2%)

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

YOUR RESULTS REFERENCE RESULTS

	YOUR RESULTS	REFERENCE RESULTS
<b>1. What are your typical dietary habits?</b>		
No special dietary habits	204 (60.4%)	15608 (60.4%)
I am vegetarian	1 (0.30%)	404 (1.6%)
I adhere to a vegan diet	1 (0.30%)	134 (0.52%)
I eat gluten-free diet	8 (2.4%)	214 (0.83%)
I avoid added sugars	58 (17.2%)	3790 (14.7%)
I avoid carbohydrates	26 (7.7%)	1446 (5.6%)
I eat a low fat-diet	40 (11.8%)	2516 (9.7%)
I am lactose intolerant	9 (2.7%)	943 (3.6%)
Other special diet due to intolerances/allergies	8 (2.4%)	497 (1.9%)
Other	22 (6.5%)	1670 (6.5%)
No answer given	51 (15.1%)	3877 (15.0%)
<b>2. Where did you live before your current hospital admission?</b>		
At home	255 (75.4%)	19455 (75.3%)
In a nursing home or other live-in facility	12 (3.6%)	690 (2.7%)
I was transferred from another hospital	11 (3.3%)	1580 (6.1%)
Other	8 (2.4%)	346 (1.3%)
Missing	52 (15.4%)	3778 (14.6%)
<b>3. In general, are you able to walk?</b>		
Yes	223 (66.0%)	13793 (53.4%)
Yes, with someone's help	22 (6.5%)	2493 (9.6%)
Yes, independently using a cane, walker, or crutches	16 (4.7%)	3173 (12.3%)
No, I have a wheelchair	8 (2.4%)	923 (3.6%)
No, I am bedridden	17 (5.0%)	1606 (6.2%)
Missing	52 (15.4%)	3861 (14.9%)
<b>4. In general, how would you say your health is?</b>		
Very good	44 (13.0%)	1821 (7.0%)
Good	126 (37.3%)	8196 (31.7%)
Fair	92 (27.2%)	8359 (32.3%)
Poor	20 (5.9%)	2967 (11.5%)
Very poor	5 (1.5%)	643 (2.5%)
Missing	51 (15.1%)	3863 (14.9%)
<b>5. Over the last 12 months prior to your current hospital admission approximately...</b>		
... how many times have you seen a doctor?	4 [1-9]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-3]	1 [0-2]

... how many nights in total have you spent in hospital?	4 [1-14]	5 [0-15]
--	----------	----------

### 6. How many different medications do you take routinely each day (prior to hospitalisation)?

1-2	85 (25.1%)	4777 (18.5%)
3-5	76 (22.5%)	5708 (22.1%)
More than 5	52 (15.4%)	6615 (25.6%)
None	68 (20.1%)	4090 (15.8%)
I do not know	5 (1.5%)	828 (3.2%)
Missing	52 (15.4%)	3831 (14.8%)

### 7. Do you have health insurance?

Yes, private insurance only	61 (18.0%)	3978 (15.4%)
Yes, public insurance only	42 (12.4%)	11614 (44.9%)
Yes, both	18 (5.3%)	2630 (10.2%)
None	156 (46.2%)	2739 (10.6%)
I prefer not to answer	2 (0.59%)	801 (3.1%)
Missing	59 (17.5%)	4087 (15.8%)

### 8. What was your weight 5 years ago?

	76 [65-92]	72 [62-85]
--	------------	------------

I do not know	44 (13.0%)	6263 (24.2%)
---------------	------------	--------------

### 9a. Have you lost weight within the last 3 months?

Yes, intentionally	29 (8.6%)	2152 (8.3%)
Yes, unintentionally	155 (45.9%)	10461 (40.5%)
No, my weight stayed the same	82 (24.3%)	7518 (29.1%)
No, I gained weight	53 (15.7%)	2979 (11.5%)
I do not know	15 (4.4%)	2317 (9.0%)
Missing	4 (1.2%)	422 (1.6%)

### 9b. If yes, how many kg did you lose?

	10 [6-15]	6 [4-10]
--	-----------	----------

I do not know	27 (14.7%)	2244 (17.8%)
---------------	------------	--------------

### 10. Did you know about your hospitalisation two days before admission? (Yes)

	103 (38.3%)	8114 (38.2%)
--	-------------	--------------

### 11. Please indicate if you ...

... were weighed at admission	78 (27.5%)	12850 (58.3%)
... were informed about your nutrition status	96 (34.5%)	8086 (36.9%)
... were informed about nutrition care options	79 (28.3%)	7149 (32.6%)
... received special nutrition care	135 (48.0%)	7225 (33.0%)

### 12. How well have you eaten in the week before you were admitted to the hospital?

More than normal	22 (6.5%)	1206 (4.7%)
Normal	194 (57.7%)	15522 (60.2%)



About 3/4 of normal	21 (6.3%)	2695 (10.5%)
About half of normal	44 (13.1%)	3297 (12.8%)
About a quarter to nearly nothing	48 (14.3%)	2438 (9.5%)
I do not know	3 (0.89%)	237 (0.92%)
Missing	4 (1.2%)	383 (1.5%)

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

Very satisfied	143 (42.6%)	5906 (22.9%)
Somewhat satisfied	67 (19.9%)	7223 (28.0%)
Neutral	27 (8.0%)	4265 (16.5%)
Dissatisfied	5 (1.5%)	1849 (7.2%)
Very dissatisfied	6 (1.8%)	707 (2.7%)
I do not know	31 (9.2%)	1619 (6.3%)
Missing	57 (17.0%)	4209 (16.3%)

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

Yes, from family or friends	40 (11.9%)	2356 (9.1%)
Yes, from hospital staff	5 (1.5%)	1486 (5.8%)
No	227 (67.6%)	17167 (66.6%)
I do not know	-	265 (1.0%)
Missing	64 (19.0%)	4504 (17.5%)

<b>15. Were you able to eat without interruption TODAY? (Yes)</b>	196 (73.7%)	15756 (75.2%)
---	-------------	---------------

### 16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	164 (48.8%)	12282 (47.6%)
1/2	70 (20.8%)	6419 (24.9%)
1/4	27 (8.0%)	3259 (12.6%)
Nothing	56 (16.7%)	2785 (10.8%)
Missing	19 (5.7%)	1033 (4.0%)

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

Standard	182 (54.2%)	14046 (54.5%)
Smaller	19 (5.7%)	2165 (8.4%)
Larger	7 (2.1%)	1153 (4.5%)
I do not know	46 (13.7%)	2326 (9.0%)
Missing	82 (24.4%)	6088 (23.6%)

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

I did not like the type of food offered	17 (11.1%)	2085 (16.7%)
I did not like the smell/taste of the food	13 (8.5%)	1515 (12.2%)
The food did not fit my cultural/religious preferences	1 (0.65%)	134 (1.1%)
The food was too hot	-	42 (0.34%)

The food was too cold	3 (2.0%)	295 (2.4%)
Due to food allergy/intolerance	-	130 (1.0%)
I was not hungry at that time	16 (10.5%)	1996 (16.0%)
I do not have my usual appetite	38 (24.8%)	3629 (29.1%)
I have problems chewing/swallowing	14 (9.2%)	781 (6.3%)
I normally eat less than what was served	13 (8.5%)	1474 (11.8%)
I had nausea/vomiting	14 (9.2%)	1076 (8.6%)
I was too tired	8 (5.2%)	733 (5.9%)
I cannot eat without help	2 (1.3%)	196 (1.6%)
I was not allowed to eat	23 (15.0%)	1019 (8.2%)
I had an exam, surgery, or test and missed my meal	18 (11.8%)	801 (6.4%)
I did not get requested food	1 (0.65%)	143 (1.1%)
No answer given	20 (13.1%)	1961 (15.7%)

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

Water	5 [3-8]	3 [2-6]
Tea	2 [1-2]	1 [0-2]
Coffee	0 [0-1]	1 [0-2]
Milk	1 [0-2]	1 [0-1]
Fruit juice	0 [0-2]	1 [0-2]
Soft drinks	0 [0-1]	0 [0-1]
Nutrition drink	0 [0-1]	0 [0-1]
Other	0 [0-1]	0 [0-1]

**19a. Did you eat any food apart from hospital food TODAY? (Yes)** 63 (23.9%) 5541 (27.0%)

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

Sweet snacks	26 (41.3%)	1682 (30.4%)
Salty snacks	20 (31.7%)	696 (12.6%)
Homemade food	5 (7.9%)	879 (15.9%)
Fruits	8 (12.7%)	2098 (37.9%)
Dairy products	2 (3.2%)	727 (13.1%)
Food delivered/restaurant	2 (3.2%)	262 (4.7%)
Sandwich	12 (19.0%)	341 (6.2%)
Other	7 (11.1%)	803 (14.5%)

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

Increased	66 (19.6%)	3342 (13.0%)
Decreased	101 (30.1%)	7253 (28.1%)
Stayed the same	88 (26.2%)	9164 (35.5%)
I do not know	15 (4.5%)	1420 (5.5%)
Missing	66 (19.6%)	4599 (17.8%)

## 21. TODAY I feel...

Stronger than at admission	181 (53.9%)	11495 (44.6%)
Weaker than at admission	48 (14.3%)	4892 (19.0%)
Same as at admission	70 (20.8%)	7223 (28.0%)
I was admitted today	14 (4.2%)	611 (2.4%)
I do not know	11 (3.3%)	1156 (4.5%)
Missing	12 (3.6%)	401 (1.6%)

## 22. Can you walk without assistance TODAY?

Yes	217 (64.6%)	14760 (57.3%)
No, only with assistance	48 (14.3%)	6694 (26.0%)
No, I stay in bed	53 (15.8%)	3405 (13.2%)
Missing	18 (5.4%)	919 (3.6%)

## 23. Did anyone help you complete this questionnaire? (Yes)

152 (55.7%) 14819 (68.3%)

## V. Oncology: Unit organisation and structures ("Sheet 1 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	3	300
Computerized system in hospital:	2 units (67%) YES	272 units (91%) YES
Nutritional treatment of cancer patients is part of overall care plan	3 units (100%) YES	274 units (91%) YES
<b>Nutritional treatment is considered...</b>		
Routinely	3 (100%)	181 (60,3%)
When patient asks	1 (33,3%)	100 (33,3%)
When body weight loss > 10%	1 (33,3%)	128 (42,7%)
During palliative phase	1 (33,3%)	83 (27,7%)
Other	1 (33,3%)	33 (11,0%)
Missing	-	21 (7,00%)
<b>Nutritional treatment is not part of the comprehensive approach due to</b>		
Lack of evidence	-	9 (3,00%)
No knowledge of the field	-	16 (5,33%)
No reimbursement	-	8 (2,67%)
It feeds the tumour	-	-
Other	-	16 (5,33%)
<b>Nutritional therapy used for cancer patients</b>		
Nutrition according to nutrition plan	2 (66,7%)	209 (69,7%)
Calculation of energy needs	2 (66,7%)	207 (69,0%)
Monitoring patients intake and use of oral supplements	3 (100%)	254 (84,7%)
None	-	5 (1,67%)
Other	-	13 (4,33%)
Missing	-	11 (3,67%)
<b>Nutritional therapy is not used due to</b>		
Lack of evidence	-	2 (0,67%)
Lack of experience	-	11 (3,67%)
No reimbursement	-	6 (2,00%)
Lack of dietitians	-	6 (2,00%)
Lack of other experts	-	3 (1,00%)
Other	-	9 (3,00%)
Missing	-	1 (0,33%)
<b>Assessment of parameters in cancer patients &amp; methods used:</b>		

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

Regularly	2 (66,7%)	205 (68,3%)
At chemotherapy	1 (33,3%)	42 (14,0%)
When necessary	-	44 (14,7%)
Never	-	3 (1,00%)
Unknown	-	1 (0,33%)
Missing	-	5 (1,67%)

**Anthropometrics (circumference)**

Regularly	-	42 (14,0%)
At chemotherapy	-	5 (1,67%)
When necessary	2 (66,7%)	111 (37,0%)
Never	-	108 (36,0%)
Unknown	-	13 (4,33%)
Missing	1 (33,3%)	21 (7,00%)

**BIA**

Regularly	-	10 (3,33%)
At chemotherapy	-	2 (0,67%)
When necessary	1 (33,3%)	108 (36,0%)
Never	2 (66,7%)	148 (49,3%)
Unknown	-	15 (5,00%)
Missing	-	17 (5,67%)

**CT SCAN**

Regularly	-	5 (1,67%)
At chemotherapy	-	3 (1,00%)
When necessary	-	81 (27,0%)
Never	2 (66,7%)	163 (54,3%)
Unknown	-	28 (9,33%)
Missing	1 (33,3%)	20 (6,67%)

**DEXA**

Regularly	-	4 (1,33%)
At chemotherapy	-	-
When necessary	-	53 (17,7%)
Never	2 (66,7%)	192 (64,0%)
Unknown	-	32 (10,7%)
Missing	1 (33,3%)	19 (6,33%)

**Other (body composition)**

Regularly	-	10 (3,33%)
At chemotherapy	-	1 (0,33%)

When necessary	-	44 (14,7%)
Never	1 (33,3%)	99 (33,0%)
Unknown	-	56 (18,7%)
Missing	2 (66,7%)	90 (30,0%)

### Body function:

#### Handgrip

Regularly	-	19 (6,33%)
At chemotherapy	-	4 (1,33%)
When necessary	2 (66,7%)	108 (36,0%)
Never	-	145 (48,3%)
Unknown	-	11 (3,67%)
Missing	1 (33,3%)	13 (4,33%)

#### 6-minutes walking test

Regularly	-	10 (3,33%)
At chemotherapy	-	3 (1,00%)
When necessary	-	76 (25,3%)
Never	2 (66,7%)	170 (56,7%)
Unknown	-	22 (7,33%)
Missing	1 (33,3%)	19 (6,33%)

#### Other (body function)

Regularly	-	13 (4,33%)
At chemotherapy	-	-
When necessary	-	65 (21,7%)
Never	1 (33,3%)	101 (33,7%)
Unknown	-	45 (15,0%)
Missing	2 (66,7%)	76 (25,3%)

#### Nutritional requirements, calculated

Regularly	2 (66,7%)	93 (31,0%)
At chemotherapy	-	6 (2,00%)
When necessary	1 (33,3%)	136 (45,3%)
Never	-	21 (7,00%)
Unknown	-	7 (2,33%)
Missing	-	37 (12,3%)

### Nutritional intake:

#### Every meal

Regularly	1 (33,3%)	85 (28,3%)
At chemotherapy	-	5 (1,67%)
When necessary	-	131 (43,7%)
Never	1 (33,3%)	31 (10,3%)

Unknown	-	12 (4,00%)
Missing	1 (33,3%)	36 (12,0%)
<b>1 meal per day</b>		
Regularly	-	38 (12,7%)
At chemotherapy	-	4 (1,33%)
When necessary	-	90 (30,0%)
Never	1 (33,3%)	58 (19,3%)
Unknown	-	25 (8,33%)
Missing	2 (66,7%)	85 (28,3%)
<b>2 meals per day</b>		
Regularly	-	37 (12,3%)
At chemotherapy	-	4 (1,33%)
When necessary	-	87 (29,0%)
Never	1 (33,3%)	61 (20,3%)
Unknown	-	26 (8,67%)
Missing	2 (66,7%)	85 (28,3%)
<b>24h recall</b>		
Regularly	2 (66,7%)	68 (22,7%)
At chemotherapy	-	6 (2,00%)
When necessary	-	112 (37,3%)
Never	-	46 (15,3%)
Unknown	-	15 (5,00%)
Missing	1 (33,3%)	53 (17,7%)
<b>Other (nutritional intake)</b>		
Regularly	-	12 (4,00%)
At chemotherapy	-	-
When necessary	-	58 (19,3%)
Never	1 (33,3%)	52 (17,3%)
Unknown	-	46 (15,3%)
Missing	2 (66,7%)	132 (44,0%)
<b>Questionnaire completed by</b>		
Dietitian	2 (66,7%)	111 (37,0%)
Nurse	-	72 (24,0%)
Physician	-	65 (21,7%)
Nutritional scientist	1 (33,3%)	41 (13,7%)
Other	-	4 (1,33%)
Missing	-	7 (2,33%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	14	2978
<b>Demographic data:</b>		
Age (years)	57 [20-77]	64 [18-120]
Female gender	7 (50,0%)	1365 (45,8%)
Weight (kg)	64,1 ± 13,9	67,6 ± 17,3
Height (cm)	167,0 ± 7,2	165,8 ± 10,1
BMI (kg/m2)	23,0 ± 5,0	24,5 ± 5,3
<b>Outpatient (o)/Ward (w)</b>		
Outpatient(o)	-	62 (2,08%)
Ward (w)	14 (100%)	2909 (97,7%)
Missing	-	7 (0,24%)
<b>Goal of Therapy</b>		
Curative	8 (57,1%)	1991 (66,9%)
Palliative	4 (28,6%)	788 (26,5%)
Terminal	2 (14,3%)	118 (3,96%)
Missing	-	81 (2,72%)
<b>Reason for admission</b>		
Clinical diagnostics	5 (35,7%)	389 (13,1%)
Therapy	2 (14,3%)	1409 (47,3%)
Surgery related	-	583 (19,6%)
Treatment complications	1 (7,14%)	370 (12,4%)
Poor health status	6 (42,9%)	414 (13,9%)
Independent care difficult	1 (7,14%)	29 (0,97%)
Missing	-	2 (0,07%)
<b>Present cancer diagnosis</b>		
Breast	-	220 (7,39%)
Colon, rectum	-	394 (13,2%)
Prostate	-	118 (3,96%)
Lung	2 (14,3%)	280 (9,40%)
Skin	-	34 (1,14%)
Kidney/bladder	-	121 (4,06%)
Gastric/oesophageal	-	315 (10,6%)
Pancreas	2 (14,3%)	164 (5,51%)
Lymphoma	2 (14,3%)	253 (8,50%)
Ears nose throat (ENT)	-	103 (3,46%)
Leukaemia	6 (42,9%)	260 (8,73%)



Genital tract	-	122 (4,10%)
Liver	-	200 (6,72%)
Sarcoma	-	55 (1,85%)
Brain	-	59 (1,98%)
Testicular	-	20 (0,67%)
Other	2 (14,3%)	327 (11,0%)
Missing	-	56 (1,88%)

### Time since diagnosis

0-2 months	4 (28,6%)	824 (27,7%)
3-5 months	4 (28,6%)	531 (17,8%)
6-12 months	2 (14,3%)	526 (17,7%)
1-2 years	-	382 (12,8%)
2-4 years	1 (7,14%)	273 (9,17%)
> 4 years	-	313 (10,5%)
Missing	2 (14,3%)	81 (2,72%)

### Cancer staging

0=Carcinoma in situ	1 (7,14%)	168 (5,64%)
I=Localized	6 (42,9%)	559 (18,8%)
II=Early locally advanced	1 (7,14%)	433 (14,5%)
III=Late locally advanced	1 (7,14%)	479 (16,1%)
IV=Metastasised	3 (21,4%)	958 (32,2%)
Missing	2 (14,3%)	381 (12,8%)

### Time since first therapy start

No therapy	1 (7,14%)	263 (8,83%)
Tumour staging/diagnosis	4 (28,6%)	344 (11,6%)
0-2 months	-	834 (28,0%)
3-5 months	4 (28,6%)	393 (13,2%)
6-12 months	2 (14,3%)	405 (13,6%)
1-2 years	-	337 (11,3%)
2-4 years	2 (14,3%)	234 (7,86%)
> 4 years	-	254 (8,53%)
Missing	2 (14,3%)	75 (2,52%)

### Therapy situation

Diagnosis	2 (14,3%)	344 (11,6%)
Chemotherapy 1st line	6 (42,9%)	640 (21,5%)
Chemotherapy > 1st line	4 (28,6%)	523 (17,6%)
Radiotherapy	-	320 (10,7%)
Target therapy	-	81 (2,72%)
Hormone therapy	-	39 (1,31%)
Palliative	1 (7,14%)	263 (8,83%)

Surgery	-	665 (22,3%)
Cancer related complications	1 (7,14%)	280 (9,40%)
Therapy related complications	-	109 (3,66%)
Missing	2 (14,3%)	81 (2,72%)

### Infections

None	9 (64,3%)	2171 (72,9%)
Local	-	454 (15,2%)
General	5 (35,7%)	204 (6,85%)
Missing	-	149 (5,00%)

### Nutrition Treatment

No special diet	1 (7,14%)	1356 (45,5%)
Individualized diet plan	7 (50,0%)	774 (26,0%)
Energy rich/protein rich ONS	5 (35,7%)	549 (18,4%)
Enteral nutrition (via NGT/PEG)	-	160 (5,37%)
Parenteral nutrition	2 (14,3%)	239 (8,03%)
ONS enriched with special nutrients	-	105 (3,53%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	21 (0,71%)
Personal preferences	2 (14,3%)	320 (10,7%)
Counselling	1 (7,14%)	159 (5,34%)
Other	-	145 (4,87%)
Missing	-	1 (0,03%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 3_onco:	14	2938
Body weight prior to becoming ill	73 [50-98]	72 [17-196]
Actual body weight	63 [49-85]	66 [11-196]
<b>Change in weight was</b>		
Intentional	1 (7,14%)	130 (4,37%)
Unintentional	10 (71,4%)	1930 (64,8%)
Weight is stable	2 (14,3%)	456 (15,3%)
Missing	-	113 (3,79%)
<b>During the last week</b>		
<b>Patients who have had pain:</b>		
Not at all	3 (21,4%)	1022 (34,3%)
A little	3 (21,4%)	843 (28,3%)
Quite a bit	7 (50,0%)	472 (15,8%)
Very much	-	400 (13,4%)
Missing	1 (7,14%)	219 (7,35%)
<b>Patients who needed a rest:</b>		
Not at all	1 (7,14%)	640 (21,5%)
A little	6 (42,9%)	881 (29,6%)
Quite a bit	4 (28,6%)	684 (23,0%)
Very much	1 (7,14%)	508 (17,1%)
Missing	2 (14,3%)	229 (7,69%)
<b>Patients who felt weak:</b>		
Not at all	1 (7,14%)	685 (23,0%)
A little	5 (35,7%)	858 (28,8%)
Quite a bit	7 (50,0%)	679 (22,8%)
Very much	-	501 (16,8%)
Missing	1 (7,14%)	223 (7,49%)
<b>Patients who felt depressed:</b>		
Not at all	3 (21,4%)	1148 (38,5%)
A little	5 (35,7%)	841 (28,2%)
Quite a bit	3 (21,4%)	437 (14,7%)
Very much	1 (7,14%)	275 (9,23%)
Missing	2 (14,3%)	236 (7,92%)

**Patients who were tired:**

Not at all	1 (7,14%)	711 (23,9%)
A little	5 (35,7%)	915 (30,7%)
Quite a bit	6 (42,9%)	635 (21,3%)
Very much	1 (7,14%)	452 (15,2%)
Missing	1 (7,14%)	227 (7,62%)

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

Not at all	3 (21,4%)	1169 (39,3%)
A little	3 (21,4%)	667 (22,4%)
Quite a bit	4 (28,6%)	470 (15,8%)
Very much	3 (21,4%)	395 (13,3%)
Missing	1 (7,14%)	237 (7,96%)

**Patients who lacked appetite:**

Not at all	2 (14,3%)	1044 (35,1%)
A little	5 (35,7%)	724 (24,3%)
Quite a bit	4 (28,6%)	529 (17,8%)
Very much	2 (14,3%)	415 (13,9%)
Missing	1 (7,14%)	228 (7,66%)

**Just now****Patients who have pain:**

Not at all	9 (64,3%)	1280 (43,0%)
A little	1 (7,14%)	924 (31,0%)
Quite a bit	2 (14,3%)	348 (11,7%)
Very much	-	170 (5,71%)
Missing	1 (7,14%)	226 (7,59%)

**Patients who need a rest:**

Not at all	5 (35,7%)	706 (23,7%)
A little	2 (14,3%)	1025 (34,4%)
Quite a bit	2 (14,3%)	625 (21,0%)
Very much	1 (7,14%)	345 (11,6%)
Missing	2 (14,3%)	243 (8,16%)

**Patients who feel weak:**

Not at all	4 (28,6%)	833 (28,0%)
A little	4 (28,6%)	939 (31,5%)
Quite a bit	3 (21,4%)	606 (20,3%)
Very much	-	335 (11,2%)
Missing	2 (14,3%)	229 (7,69%)

**Patients who are depressed:**

Not at all	7 (50,0%)	1280 (43,0%)
A little	2 (14,3%)	856 (28,7%)
Quite a bit	1 (7,14%)	373 (12,5%)
Very much	2 (14,3%)	189 (6,35%)
Missing	1 (7,14%)	245 (8,23%)

#### Patients who are tired:

Not at all	4 (28,6%)	851 (28,6%)
A little	2 (14,3%)	1023 (34,4%)
Quite a bit	4 (28,6%)	524 (17,6%)
Very much	1 (7,14%)	302 (10,1%)
Missing	1 (7,14%)	240 (8,06%)

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

Not at all	7 (50,0%)	1269 (42,6%)
A little	-	741 (24,9%)
Quite a bit	1 (7,14%)	385 (12,9%)
Very much	4 (28,6%)	282 (9,47%)
Missing	1 (7,14%)	256 (8,60%)

#### Patients who lack appetite:

Not at all	4 (28,6%)	1128 (37,9%)
A little	4 (28,6%)	796 (26,7%)
Quite a bit	1 (7,14%)	455 (15,3%)
Very much	3 (21,4%)	305 (10,2%)
Missing	1 (7,14%)	249 (8,36%)

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

Nausea/Vomiting	7 (50,0%)	511 (17,2%)
Inflammation in mouth	2 (14,3%)	119 (4,00%)
Pain	2 (14,3%)	386 (13,0%)
Constipation	2 (14,3%)	258 (8,66%)
Diarrhea	1 (7,14%)	200 (6,72%)
Change in taste/smell	5 (35,7%)	374 (12,6%)
Early satiation/Loss of appetite	5 (35,7%)	663 (22,3%)
Other	1 (7,14%)	471 (15,8%)
Missing	-	124 (4,16%)

#### Maximum activity performed by patients

Able to do sports	-	132 (4,43%)
Fully active	1 (7,14%)	358 (12,0%)
Able to carry out light activities	1 (7,14%)	681 (22,9%)
Able to carry out self care	4 (28,6%)	751 (25,2%)
Able to carry out limited self care	-	428 (14,4%)

Confined to bed or chair	7 (50,0%)	368 (12,4%)
Missing	1 (7,14%)	243 (8,16%)
<b>Patient takes additional (without prescription)</b>		
Nothing	10 (71,4%)	1871 (62,8%)
Herbal tea	2 (14,3%)	300 (10,1%)
Nutritional supplements	1 (7,14%)	279 (9,37%)
Multivitamin	-	161 (5,41%)
Other medication	-	112 (3,76%)
Other	-	120 (4,03%)
Missing	2 (14,3%)	267 (8,97%)
<b>Additional activities performed</b>		
Nothing	10 (71,4%)	2133 (71,6%)
Psychotherapy	1 (7,14%)	65 (2,18%)
Yoga	-	39 (1,31%)
Meditation	-	87 (2,92%)
Progressive muscle relaxation	-	54 (1,81%)
Qigong	-	7 (0,24%)
Other	1 (7,14%)	359 (12,1%)
Missing	2 (14,3%)	295 (9,91%)
<b>Patients having difficulties in complying with treatment</b>		
	6 (42,9%)	698 (23,4%)
<b>Patients needing help to complete questionnaire</b>		
	6 (42,9%)	1572 (52,8%)
<b>Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:</b>		
	12 (85,7%)	1998 (67,1%)

**1. Are you COVID-19 positive TODAY?**

Yes	3 (0.86%)	267 (1.0%)
No	305 (87.4%)	7135 (26.8%)
I do not know	10 (2.9%)	650 (2.4%)
Missing	31 (8.9%)	18540 (69.7%)

**2. Have you been tested COVID-19 positive in the last:**

0-3 months	3 (0.86%)	527 (2.0%)
3-6 months	11 (3.2%)	149 (0.56%)
6-12 months	20 (5.7%)	222 (0.83%)
>1 year	40 (11.5%)	177 (0.67%)
never	70 (20.1%)	3842 (14.4%)
I do not know	155 (44.4%)	973 (3.7%)
Missing	50 (14.3%)	20702 (77.9%)

**3. Have you been hospitalized during your COVID-19 infection?**

Yes	11 (3.2%)	494 (1.9%)
No	276 (79.1%)	5927 (22.3%)
I do not know	18 (5.2%)	865 (3.3%)
Missing	44 (12.6%)	19306 (72.6%)