



nutritionDay  
WORLDWIDE

Country Report  
nutritionDay 2022  
Mexico

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>16</b>
<b>Number of participated units:</b>	<b>28</b>
<b>Number of patients:</b>	<b>742</b>
<b>Number of patients who gave consent:</b>	<b>736</b>
<b>Number of patients completing Sheet 3a:</b>	<b>707</b>
<b>Number of patients completing Sheet 3b:</b>	<b>707</b>
<b>Number of cancer patients:</b>	<b>105</b>
<b>Number of patients completing Sheet 2_onco:</b>	<b>37</b>
<b>Number of patients completing Sheet 3_onco:</b>	<b>37</b>
<b>Number of patients with 30-day outcome assessment:</b>	<b>579</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>	144 [91-211]	355 [189-682]
<b>2. Total number of admissions in the hospital last year</b>	4666 [2759-7104]	18110 [8380-41842]
<b>3. Total number of staff in the hospital</b>		
Total medical doctors	236 [199-324]	179 [90-394]
Medical specialists	162 [125-374]	110 [39-253]
Medical non-specialists	31 [24-84]	47 [20-125]
Nurses	319 [140-576]	385 [172-874]
Dieticians	4 [0-16]	4 [1-9]
Nutritionists	4 [2-13]	1 [0-4]
Pharmacists	4 [1-5]	9 [4-23]
Kitchen staff	16 [7-69]	29 [12-55]
<b>Full time equivalent</b>		
Total medical doctors	224 [109-237]	153 [62-360]
Medical specialists	168 [109-230]	92 [34-249]
Medical non-specialists	20 [15-84]	40 [17-118]
Nurses	400 [235-525]	328 [159-751]
Dieticians	6 [1-15]	4 [1-8]
Nutritionists	2 [0-5]	1 [0-4]
Pharmacists	2 [0-4]	7 [3-16]
Kitchen staff	6 [3-34]	29 [11-56]
<b>4. Does the hospital have a nutrition care strategy?</b>	7 (58.3%) Yes	467 (80.7%) Yes
<b>5. Which nutrition-related standards or routine activities exist in your hospital?</b>		
Nutrition training is available	8 (57.1%) Yes	407 (66.4%) Yes
Nutrition steering committee is available	1 (7.1%) Yes	312 (50.9%) Yes
Quality indicators are recorded and reported to national or regional level	2 (14.3%) Yes	220 (35.9%) Yes
Quality indicators are used for internal benchmarking	5 (35.7%) Yes	310 (50.6%) Yes
Patient feedback about food and food service is collected using a questionnaire	4 (28.6%) Yes	409 (66.7%) Yes
None	1 (7.1%) Yes	62 (10.1%) Yes
No answer given	2 (14.3%)	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	7 (50.0%) Yes	318 (51.9%) Yes

Oral nutrition supplements	8 (57.1%) Yes	264 (43.1%) Yes
Parenteral nutrition	10 (71.4%) Yes	373 (60.8%) Yes
Enteral nutrition	9 (64.3%) Yes	350 (57.1%) Yes
Dietary counseling	3 (21.4%) Yes	238 (38.8%) Yes
Specific dietary interventions	4 (28.6%) Yes	207 (33.8%) Yes
Screening for malnutrition	4 (28.6%) Yes	196 (32.0%) Yes
Risk of malnutrition	4 (28.6%) Yes	176 (28.7%) Yes
Malnutrition (in general)	7 (50.0%) Yes	269 (43.9%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	4 (28.6%) Yes	252 (41.1%) Yes
No information available from billing/finance/controlling	1 (7.1%) Yes	124 (20.2%) Yes
No answer given	-	34 (5.5%)

### Codes routinely used

Nutrition Support	7 (50.0%) Yes	281 (45.8%) Yes
Oral nutrition supplements	5 (35.7%) Yes	235 (38.3%) Yes
Parenteral nutrition	7 (50.0%) Yes	340 (55.5%) Yes
Enteral nutrition	7 (50.0%) Yes	327 (53.3%) Yes
Dietary counseling	3 (21.4%) Yes	208 (33.9%) Yes
Specific dietary interventions	4 (28.6%) Yes	187 (30.5%) Yes
Screening for malnutrition	3 (21.4%) Yes	171 (27.9%) Yes
Risk of malnutrition	4 (28.6%) Yes	158 (25.8%) Yes
Malnutrition (in general)	7 (50.0%) Yes	247 (40.3%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	5 (35.7%) Yes	226 (36.9%) Yes
No information available from billing/finance/controlling	2 (14.3%) 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	4 (14.3%)	20.5%
Internal Medicine / Cardiology	1 (3.6%)	4.3%
Internal Medicine / Gastroenterology & hepatology	2 (7.1%)	7.6%
Internal Medicine / Geriatrics	1 (3.6%)	9.5%
Internal Medicine / Infectious diseases	-	0.5%
Internal Medicine / Nephrology	-	1.3%
Internal Medicine / Oncology (incl. radiotherapy)	-	8.0%
Interdisciplinary	3 (10.7%)	2.9%
Long term care	-	2.6%
Neurology	1 (3.6%)	4.0%
Surgery / General	4 (14.3%)	14.5%
Surgery/ Cardiac/Vascular/Thoracic	-	1.8%
Surgery / Neurosurgery	1 (3.6%)	0.7%
Surgery / Orthopedic	-	3.5%
Trauma	1 (3.6%)	0.6%
Ear Nose Throat (ENT)	-	1.4%
Gynecology / Obstetrics	1 (3.6%)	1.6%
Pediatrics	-	0.4%
Psychiatry	1 (3.6%)	1.0%
Others	8 (28.6%)	13.2%
<b>2. Number of registered inpatients at noon</b>	21 [18-43]	22 [17-30]
<b>3. Total bed capacity of the unit</b>	65 [24-119]	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	4 [4-5]	3 [2-6]
Nurses	7 [4-10]	4 [3-7]
Nursing aides	0 [0-0]	2 [1-4]
Dieticians	0 [0-1]	1 [0-1]
Nutritionists	2 [1-2]	0 [0-1]
Administrative staff	1 [0-1]	1 [0-2]
Other staff involved in patient care	2 [1-4]	1 [0-3]
<b>In training</b>		
Medical doctors	4 [4-5]	1 [0-3]
Medical students	2 [0-6]	0 [0-2]
Nurses	2 [0-5]	1 [0-2]

Nursing aides	0 [0-0]	0 [0-0]
Dieticians	0 [0-0]	0 [0-0]
Nutritionists	2 [2-3]	0 [0-0]
Other staff involved in patient care	0 [0-1]	0 [0-0]

**5. Is there a nutrition support team in your hospital available?** 17 (85.0%) Yes 938 (81.3%) Yes

**6. Does the unit have a nutrition care strategy?** 15 (75.0%) Yes 913 (79.1%) Yes

**7. Is there a person in your unit responsible for nutrition care?** 18 (90.0%) Yes 853 (73.9%) Yes

**8. Is there a dietician, nutritionist or dietetic assistant available for your unit?** 20 (95.2%) Yes 1210 (89.6%) Yes

**9. Is specific staff responsible for providing feeding assistance to patients during meal times?** 2 (10.0%) Yes 659 (57.1%) Yes

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

**At admission**

No routine screening	1 (3.6%) Yes	116 (8.2%) Yes
No fixed criteria	1 (3.6%) Yes	16 (1.1%) Yes
Experience / visual assessment only	-	84 (5.9%) Yes
Weighing / BMI only	-	211 (14.8%) Yes
Nutritional Risk Screening (NRS) 2002	14 (50.0%) Yes	464 (32.6%) Yes
Malnutrition Universal Screening Tool (MUST)	3 (10.7%) Yes	102 (7.2%) Yes
Malnutrition Screening tool (MST)	-	103 (7.2%) Yes
SNAQ	-	26 (1.8%) Yes
Other formal tool	2 (7.1%) Yes	215 (15.1%) Yes
I do not know	-	13 (0.91%) Yes
Missing	7 (25.0%)	73 (5.1%)

**During hospital stay**

No routine monitoring	3 (10.7%) Yes	124 (8.7%) Yes
No fixed criteria	2 (7.1%) Yes	108 (7.6%) Yes
Experience / visual assessment only	5 (17.9%) Yes	211 (14.8%) Yes
Weighing / BMI only	2 (7.1%) Yes	458 (32.2%) Yes
Other formal tool	9 (32.1%) Yes	404 (28.4%) Yes
I do not know	-	45 (3.2%) Yes
Missing	7 (25.0%)	73 (5.1%)

**11a. Do you routinely use guidelines or standards for nutrition care?** 19 (95.0%) Yes 953 (85.2%) Yes

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

International guidelines	12 (63.2%)	Yes	296 (31.1%)	Yes
National guidelines	1 (5.3%)	Yes	141 (14.8%)	Yes
Standards on hospital level	1 (5.3%)	Yes	344 (36.1%)	Yes
Standards on unit level	-	-	61 (6.4%)	Yes
Individual patient nutrition care plans	5 (26.3%)	Yes	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	5 (17.9%)	Yes	361 (25.4%)	Yes
Discuss nutrition care activities during ward rounds	14 (50.0%)	Yes	597 (42.0%)	Yes
Develop an individual nutrition care plan	13 (46.4%)	Yes	684 (48.1%)	Yes
Initiate treatment / nutrition intervention	15 (53.6%)	Yes	750 (52.7%)	Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	7 (25.0%)	Yes	725 (50.9%)	Yes
Consult a medical professional	3 (10.7%)	Yes	430 (30.2%)	Yes
Calculate energy requirements	13 (46.4%)	Yes	601 (42.2%)	Yes
Calculate protein requirements	12 (42.9%)	Yes	590 (41.5%)	Yes

**Malnourished**

Watchful waiting	4 (14.3%)	Yes	264 (18.6%)	Yes
Discuss nutrition care activities during ward rounds	10 (35.7%)	Yes	622 (43.7%)	Yes
Develop an individual nutrition care plan	14 (50.0%)	Yes	757 (53.2%)	Yes
Initiate treatment / nutrition intervention	16 (57.1%)	Yes	818 (57.5%)	Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	10 (35.7%)	Yes	744 (52.3%)	Yes
Consult a medical professional	3 (10.7%)	Yes	552 (38.8%)	Yes
Calculate energy requirements	13 (46.4%)	Yes	710 (49.9%)	Yes
Calculate protein requirements	13 (46.4%)	Yes	702 (49.3%)	Yes

**Every patient**

Watchful waiting	13 (46.4%)	Yes	634 (44.6%)	Yes
Discuss nutrition care activities during ward rounds	4 (14.3%)	Yes	328 (23.0%)	Yes
Develop an individual nutrition care plan	4 (14.3%)	Yes	195 (13.7%)	Yes
Initiate treatment / nutrition intervention	4 (14.3%)	Yes	166 (11.7%)	Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	9 (32.1%)	Yes	254 (17.8%)	Yes
Consult a medical professional	14 (50.0%)	Yes	298 (20.9%)	Yes
Calculate energy requirements	6 (21.4%)	Yes	162 (11.4%)	Yes
Calculate protein requirements	6 (21.4%)	Yes	143 (10.0%)	Yes

**Never**

Watchful waiting	1 (3.6%)	Yes	110 (7.7%)	Yes
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Discuss nutrition care activities during ward rounds	1 (3.6%) Yes	65 (4.6%) Yes
Develop an individual nutrition care plan	1 (3.6%) Yes	52 (3.7%) Yes
Initiate treatment / nutrition intervention	-	25 (1.8%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (3.6%) Yes	15 (1.1%) Yes
Consult a medical professional	3 (10.7%) Yes	110 (7.7%) Yes
Calculate energy requirements	1 (3.6%) Yes	112 (7.9%) Yes
Calculate protein requirements	1 (3.6%) Yes	117 (8.2%) Yes

### I do not know

Watchful waiting	1 (3.6%) Yes	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	1 (3.6%) Yes	39 (2.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	43 (3.0%) Yes
Consult a medical professional	1 (3.6%) Yes	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	13 (46.4%) Yes	919 (64.6%) Yes
Within 24 hours	-	194 (13.6%) Yes
Within 48 hours	-	77 (5.4%) Yes
Within 72 hours	2 (7.1%) Yes	28 (2.0%) Yes
Every week	9 (32.1%) Yes	651 (45.7%) Yes
Occasionally	1 (3.6%) Yes	151 (10.6%) Yes
When requested	8 (28.6%) Yes	728 (51.2%) Yes
At discharge	1 (3.6%) Yes	80 (5.6%) Yes
Never	1 (3.6%) Yes	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	14 (50.0%) Yes	1096 (77.0%) Yes
Offer meal choices	9 (32.1%) Yes	985 (69.2%) Yes
Offer different portion sizes	10 (35.7%) Yes	895 (62.9%) Yes
Consider food presentation	9 (32.1%) Yes	479 (33.7%) Yes
Change food texture/consistency as needed	17 (60.7%) Yes	1158 (81.4%) Yes
Consider patient problems with eating and drinking	15 (53.6%) Yes	1168 (82.1%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	-	383 (26.9%) Yes
Promote positive eating environment	1 (3.6%) Yes	468 (32.9%) Yes
Consider cultural/religious preferences	11 (39.3%) Yes	1022 (71.8%) Yes
Consider patient allergies / intolerances	13 (46.4%) Yes	1198 (84.2%) Yes
Other	-	102 (7.2%) Yes

I do not know	2 (7.1%) Yes	27 (1.9%) Yes
No answer given	7 (25.0%)	73 (5.1%)

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

Nutrition training is available	14 (50.0%) Yes	769 (54.0%) Yes
Reporting of nutrition related information to hospital managers	6 (21.4%) Yes	549 (38.6%) Yes
Quality indicators are recorded and reported to national or regional level	-	396 (27.8%) Yes
Quality indicators are used for internal benchmarking	8 (28.6%) Yes	488 (34.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	6 (21.4%) Yes	803 (56.4%) Yes
None	-	51 (3.6%) Yes
I do not know	-	65 (4.6%) Yes
No answer given	8 (28.6%)	269 (18.9%)

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

Change in weight	16 (57.1%) Yes	977 (68.7%) Yes
Eating habits/difficulties	15 (53.6%) Yes	893 (62.8%) Yes
Nutrition before admission	12 (42.9%) Yes	698 (49.1%) Yes
None	3 (10.7%) Yes	30 (2.1%) Yes
I do not know	-	45 (3.2%) Yes
No answer given	8 (28.6%)	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	16 (57.1%) Yes	963 (67.7%) Yes
nutrition treatment	9 (32.1%) Yes	751 (52.8%) Yes
None	4 (14.3%) Yes	59 (4.1%) Yes
I do not know	-	43 (3.0%) Yes

#### b. Discharge Letter ...

summarizes nutrition treatment received during stay	2 (7.1%) Yes	581 (40.8%) Yes
makes future nutrition-related recommendations	13 (46.4%) Yes	780 (54.8%) Yes
None	6 (21.4%) 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>	1 (5.0%) Yes	498 (46.6%) Yes
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### 19. Who filled in this sheet?

Head staff	11 (39.3%) Yes	350 (24.6%) Yes
Dietician	4 (14.3%) Yes	611 (42.9%) Yes
Nurse	-	327 (23.0%) Yes



Physician	1 (3.6%) Yes	145 (10.2%) Yes
Administrative staff	-	29 (2.0%) Yes
Other	4 (14.3%) Yes	106 (7.4%) Yes
None	3 (10.7%) Yes	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	736	26592
Age	55 [39-68]	66 [51-78]
Female	380 (51.6%)	13033 (49.0%)
Weight	67.6±17.1	70.4±18.6
Height	162±10	165±10
BMI	25.7±6.1	25.6±5.9

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

planned	179 (24.3%)	8843 (33.3%)
an emergency	505 (68.6%)	15921 (59.9%)
I do not know	52 (7.1%)	1828 (6.9%)
No answer given	-	-

#### 2a. Diagnosis at admission

0100 Infectious and parasitic diseases	119 (16.2%)	2701 (10.2%)
0200 Neoplasms	99 (13.5%)	4712 (17.7%)
0300 Blood and bloodforming organs and the immune mechanism	47 (6.4%)	1843 (6.9%)
0400 Endocrine, nutritional and metabolic diseases	133 (18.1%)	3356 (12.6%)
0500 Mental health	31 (4.2%)	1197 (4.5%)
0600 Nervous system	100 (13.6%)	2419 (9.1%)
0700 Eye and adnexa	8 (1.1%)	316 (1.2%)
0800 Ear and mastoid process	2 (0.27%)	133 (0.50%)
0900 Circulatory system	110 (14.9%)	5507 (20.7%)
1000 Respiratory system	81 (11.0%)	4000 (15.0%)
1100 Digestive system	160 (21.7%)	6204 (23.3%)
1200 Skin and subcutaneous tissue	34 (4.6%)	1451 (5.5%)
1300 Musculoskeletal system and connective tissue	69 (9.4%)	4622 (17.4%)
1400 Genitourinary system	58 (7.9%)	2898 (10.9%)
1500 Pregnancy, childbirth and the puerperium	24 (3.3%)	424 (1.6%)
1600 Conditions originating in the perinatal period	2 (0.27%)	71 (0.27%)
1700 Congenital/chromosomal abnormalities	3 (0.41%)	65 (0.24%)
1800 Symptoms, signs, abnormal clinical/lab findings	24 (3.3%)	1441 (5.4%)
1900 Injury, poisoning	15 (2.0%)	796 (3.0%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	21 (2.9%)	899 (3.4%)
2100 Factors influencing health status and contact with health services	6 (0.82%)	1002 (3.8%)
No answer given	-	-

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

Cardiac insufficiency	77 (11.2%)	4789 (18.8%)
Myocardial infarction	36 (5.2%)	1373 (5.4%)
Chronic lung disease	48 (7.0%)	3146 (12.4%)
Cerebral vascular disease	60 (8.8%)	2107 (8.3%)
Peripheral vascular disease	83 (12.0%)	2764 (10.9%)
Chronic liver disease	38 (5.6%)	1399 (5.5%)
Chronic kidney disease	74 (10.8%)	3056 (12.1%)
Diabetes	205 (29.5%)	5929 (23.2%)
Cancer	105 (15.4%)	5496 (21.5%)
Infection	154 (22.5%)	3680 (14.5%)
Dementia	17 (2.5%)	1243 (4.9%)
Major depressive disorder	50 (7.4%)	1152 (4.5%)
Other chronic mental disorder	32 (4.7%)	1149 (4.5%)
Other chronic disease	173 (25.3%)	6868 (26.9%)
None	162 (22.0%)	5214 (19.6%)

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

Yes, planned	145 (19.7%)	4741 (17.8%)
Yes, acute	67 (9.1%)	1848 (6.9%)
No	496 (67.4%)	15775 (59.3%)
I do not know	1 (0.14%)	246 (0.93%)
Missing	27 (3.7%)	3982 (15.0%)

Days since operation	3 [1-15]	5 [1-15]
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#### 4b. Planned operation during this hospital stay

Yes, today or tomorrow	151 (20.5%)	2462 (9.3%)
Yes, later	51 (6.9%)	1594 (6.0%)
No	503 (68.3%)	17439 (65.6%)
I do not know	2 (0.27%)	642 (2.4%)
Missing	29 (3.9%)	4455 (16.8%)

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

69 (9.6%)	2641 (11.5%)
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#### 6. Is this patient terminally ill?

52 (7.1%)	1752 (6.6%)
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#### 7. Fluid status

Normal	574 (78.0%)	20786 (78.2%)
Overloaded	28 (3.8%)	1272 (4.8%)
Dehydrated	106 (14.4%)	1395 (5.2%)
I do not know	28 (3.8%)	3139 (11.8%)
Missing	-	-

## 8. Number of different medications planned

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

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

Malnourished	78 (10.6%)	3439 (12.9%)
At risk	275 (37.4%)	5137 (19.3%)
No	363 (49.3%)	16313 (61.3%)
I do not know	20 (2.7%)	1703 (6.4%)
Missing	-	-

## 10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	550 (74.7%)	8813 (33.1%)
5% Glucose solution	34 (4.6%)	1921 (7.2%)

## 11. Number of ONS drinks planned

0 [0-1] 0 [0-1]

## 12. Nutrition intake

Regular hospital food	458 (62.2%)	15963 (60.0%)
Fortified/enriched hospital food	43 (5.8%)	3591 (13.5%)
Protein/energy supplement (e.g. ONS drinks)	108 (14.7%)	4623 (17.4%)
Enteral nutrition	103 (14.0%)	1194 (4.5%)
Parenteral nutrition	40 (5.4%)	965 (3.6%)
Special diet	150 (20.4%)	7968 (30.0%)
None	27 (3.7%)	995 (3.7%)

## 13a. All lines and Tubes

Central Venous	201 (28.1%)	2276 (10.0%)
Peripheral venous access	413 (57.7%)	12226 (53.5%)
Nasogastric	55 (7.7%)	550 (2.4%)
Nasojejunal	3 (0.42%)	126 (0.55%)
Nasoduodenal	-	60 (0.26%)
Enterostoma	2 (0.28%)	100 (0.44%)
Percutaneous endoscopy/surgical gastrostomy	21 (2.9%)	265 (1.2%)
Percutaneous endoscopy/surgical jejunostomy	3 (0.42%)	90 (0.39%)
None	140 (19.0%)	12214 (45.9%)

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

Yes, previously	20 (2.7%)	329 (1.2%)
Yes, ongoing	11 (1.5%)	192 (0.72%)
No	636 (86.4%)	19494 (73.3%)
I do not know	30 (4.1%)	1927 (7.2%)
Missing	39 (5.3%)	4650 (17.5%)

<b>14. Please indicate if any of the following was done for this patient since admission</b>		
Energy requirements were determined	402 (56.1%)	9131 (39.9%)
Protein requirements were determined	379 (52.9%)	8285 (36.2%)
Food/Nutrition intake was recorded in the patient record	329 (45.9%)	10365 (45.3%)
Nutrition treatment plan was developed	361 (50.4%)	8802 (38.5%)
Nutrition expert was consulted	401 (56.0%)	9074 (39.7%)
Malnutrition status is recorded in the patient record	357 (49.9%)	7837 (34.3%)
None	-	-

<b>15a. Energy goal</b>		
< 500 kcal	10 (1.4%)	691 (2.6%)
500-999 kcal	24 (3.3%)	245 (0.92%)
1000-1499 kcal	122 (16.6%)	2014 (7.6%)
1500-1999 kcal	288 (39.1%)	7614 (28.6%)
>=2000 kcal	80 (10.9%)	2877 (10.8%)
Not determined	155 (21.1%)	7476 (28.1%)
I do not know	37 (5.0%)	1955 (7.4%)
Missing	20 (2.7%)	3720 (14.0%)

<b>15b. Energy intake</b>		
< 500 kcal	73 (9.9%)	1231 (4.6%)
500-999 kcal	102 (13.9%)	1085 (4.1%)
1000-1499 kcal	178 (24.2%)	2897 (10.9%)
1500-1999 kcal	177 (24.0%)	5852 (22.0%)
>=2000 kcal	43 (5.8%)	1702 (6.4%)
Not determined	87 (11.8%)	7294 (27.4%)
I do not know	56 (7.6%)	2811 (10.6%)
Missing	20 (2.7%)	3720 (14.0%)

<b>16. Since admission, this patient's health status has...</b>		
Improved	414 (56.3%)	12031 (45.2%)
Deteriorated	53 (7.2%)	1361 (5.1%)
Remained the same	161 (21.9%)	6081 (22.9%)
This patient has just been admitted	68 (9.2%)	1469 (5.5%)
I do not know	20 (2.7%)	1930 (7.3%)
Missing	20 (2.7%)	3720 (14.0%)

Length of hospital stay (days)	14 [6-26]	13 [7-24]
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<b>Outcome Code</b>		
1= Still in the hospital	69 (9.4%)	3018 (11.3%)
2= Transferred to another hospital	5 (0.68%)	595 (2.2%)
3= Transferred to long term care	-	1051 (4.0%)

4= Rehabilitation	4 (0.54%)	875 (3.3%)
5= Discharged home	468 (63.6%)	19467 (73.2%)
6= Death	32 (4.3%)	934 (3.5%)
7= Others	1 (0.14%)	444 (1.7%)
Missing	157 (21.3%)	208 (0.78%)

#### Readmitted since nutritionDay

1= No	368 (72.3%)	17749 (77.4%)
2= Yes, same hospital planned	34 (6.7%)	1486 (6.5%)
3= Yes, same hospital unplanned	13 (2.6%)	1401 (6.1%)
4= Yes, different hospital planned	-	126 (0.55%)
5= Yes, different hospital unplanned	-	126 (0.55%)
6= Unknown	3 (0.59%)	344 (1.5%)
Missing	91 (17.9%)	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	443 (62.7%)	15608 (60.4%)
I am vegetarian	6 (0.85%)	404 (1.6%)
I adhere to a vegan diet	1 (0.14%)	134 (0.52%)
I eat gluten-free diet	11 (1.6%)	214 (0.83%)
I avoid added sugars	123 (17.4%)	3790 (14.7%)
I avoid carbohydrates	47 (6.6%)	1446 (5.6%)
I eat a low fat-diet	102 (14.4%)	2516 (9.7%)
I am lactose intolerant	63 (8.9%)	943 (3.6%)
Other special diet due to intolerances/allergies	16 (2.3%)	497 (1.9%)
Other	56 (7.9%)	1670 (6.5%)
No answer given	26 (3.7%)	3877 (15.0%)
<b>2. Where did you live before your current hospital admission?</b>		
At home	623 (88.1%)	19455 (75.3%)
In a nursing home or other live-in facility	11 (1.6%)	690 (2.7%)
I was transferred from another hospital	32 (4.5%)	1580 (6.1%)
Other	17 (2.4%)	346 (1.3%)
Missing	24 (3.4%)	3778 (14.6%)
<b>3. In general, are you able to walk?</b>		
Yes	387 (54.7%)	13793 (53.4%)
Yes, with someone's help	78 (11.0%)	2493 (9.6%)
Yes, independently using a cane, walker, or crutches	79 (11.2%)	3173 (12.3%)
No, I have a wheelchair	17 (2.4%)	923 (3.6%)
No, I am bedridden	122 (17.3%)	1606 (6.2%)
Missing	24 (3.4%)	3861 (14.9%)
<b>4. In general, how would you say your health is?</b>		
Very good	48 (6.8%)	1821 (7.0%)
Good	251 (35.5%)	8196 (31.7%)
Fair	290 (41.0%)	8359 (32.3%)
Poor	85 (12.0%)	2967 (11.5%)
Very poor	9 (1.3%)	643 (2.5%)
Missing	24 (3.4%)	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?	3 [1-8]	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?	3 [0-11]	5 [0-15]
--	----------	----------

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

1-2	202 (28.6%)	4777 (18.5%)
3-5	188 (26.6%)	5708 (22.1%)
More than 5	119 (16.8%)	6615 (25.6%)
None	150 (21.2%)	4090 (15.8%)
I do not know	27 (3.8%)	828 (3.2%)
Missing	21 (3.0%)	3831 (14.8%)

### 7. Do you have health insurance?

Yes, private insurance only	78 (11.0%)	3978 (15.4%)
Yes, public insurance only	233 (33.0%)	11614 (44.9%)
Yes, both	20 (2.8%)	2630 (10.2%)
None	316 (44.7%)	2739 (10.6%)
I prefer not to answer	31 (4.4%)	801 (3.1%)
Missing	29 (4.1%)	4087 (15.8%)

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

	71 [62-83]	72 [62-85]
--	------------	------------

I do not know	197 (27.9%)	6263 (24.2%)
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### 9a. Have you lost weight within the last 3 months?

Yes, intentionally	75 (10.6%)	2152 (8.3%)
Yes, unintentionally	336 (47.5%)	10461 (40.5%)
No, my weight stayed the same	133 (18.8%)	7518 (29.1%)
No, I gained weight	81 (11.5%)	2979 (11.5%)
I do not know	68 (9.6%)	2317 (9.0%)
Missing	14 (2.0%)	422 (1.6%)

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

	7 [4-13]	6 [4-10]
--	----------	----------

I do not know	89 (21.7%)	2244 (17.8%)
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### 10. Did you know about your hospitalisation two days before admission? (Yes)

	218 (33.0%)	8114 (38.2%)
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### 11. Please indicate if you ...

... were weighed at admission	260 (38.0%)	12850 (58.3%)
... were informed about your nutrition status	153 (22.4%)	8086 (36.9%)
... were informed about nutrition care options	179 (26.2%)	7149 (32.6%)
... received special nutrition care	224 (32.7%)	7225 (33.0%)

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

More than normal	50 (7.1%)	1206 (4.7%)
Normal	383 (54.2%)	15522 (60.2%)



About 3/4 of normal	78 (11.0%)	2695 (10.5%)
About half of normal	95 (13.4%)	3297 (12.8%)
About a quarter to nearly nothing	77 (10.9%)	2438 (9.5%)
I do not know	11 (1.6%)	237 (0.92%)
Missing	13 (1.8%)	383 (1.5%)

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

Very satisfied	218 (30.8%)	5906 (22.9%)
Somewhat satisfied	133 (18.8%)	7223 (28.0%)
Neutral	133 (18.8%)	4265 (16.5%)
Dissatisfied	53 (7.5%)	1849 (7.2%)
Very dissatisfied	41 (5.8%)	707 (2.7%)
I do not know	92 (13.0%)	1619 (6.3%)
Missing	37 (5.2%)	4209 (16.3%)

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

Yes, from family or friends	130 (18.4%)	2356 (9.1%)
Yes, from hospital staff	60 (8.5%)	1486 (5.8%)
No	456 (64.5%)	17167 (66.6%)
I do not know	18 (2.5%)	265 (1.0%)
Missing	43 (6.1%)	4504 (17.5%)

<b>15. Were you able to eat without interruption TODAY? (Yes)</b>	438 (66.8%)	15756 (75.2%)
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### 16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	357 (50.5%)	12282 (47.6%)
1/2	150 (21.2%)	6419 (24.9%)
1/4	78 (11.0%)	3259 (12.6%)
Nothing	80 (11.3%)	2785 (10.8%)
Missing	42 (5.9%)	1033 (4.0%)

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

Standard	409 (57.9%)	14046 (54.5%)
Smaller	56 (7.9%)	2165 (8.4%)
Larger	41 (5.8%)	1153 (4.5%)
I do not know	96 (13.6%)	2326 (9.0%)
Missing	105 (14.9%)	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	70 (22.7%)	2085 (16.7%)
I did not like the smell/taste of the food	40 (13.0%)	1515 (12.2%)
The food did not fit my cultural/religious preferences	4 (1.3%)	134 (1.1%)
The food was too hot	-	42 (0.34%)

The food was too cold	10 (3.2%)	295 (2.4%)
Due to food allergy/intolerance	11 (3.6%)	130 (1.0%)
I was not hungry at that time	34 (11.0%)	1996 (16.0%)
I do not have my usual appetite	69 (22.4%)	3629 (29.1%)
I have problems chewing/swallowing	27 (8.8%)	781 (6.3%)
I normally eat less than what was served	28 (9.1%)	1474 (11.8%)
I had nausea/vomiting	40 (13.0%)	1076 (8.6%)
I was too tired	18 (5.8%)	733 (5.9%)
I cannot eat without help	13 (4.2%)	196 (1.6%)
I was not allowed to eat	35 (11.4%)	1019 (8.2%)
I had an exam, surgery, or test and missed my meal	32 (10.4%)	801 (6.4%)
I did not get requested food	9 (2.9%)	143 (1.1%)
No answer given	30 (9.7%)	1961 (15.7%)

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

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

**19a. Did you eat any food apart from hospital food TODAY? (Yes)** 44 (7.0%) 5541 (27.0%)

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

Sweet snacks	16 (36.4%)	1682 (30.4%)
Salty snacks	5 (11.4%)	696 (12.6%)
Homemade food	10 (22.7%)	879 (15.9%)
Fruits	6 (13.6%)	2098 (37.9%)
Dairy products	8 (18.2%)	727 (13.1%)
Food delivered/restaurant	2 (4.5%)	262 (4.7%)
Sandwich	3 (6.8%)	341 (6.2%)
Other	8 (18.2%)	803 (14.5%)

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

Increased	109 (15.4%)	3342 (13.0%)
Decreased	298 (42.1%)	7253 (28.1%)
Stayed the same	202 (28.6%)	9164 (35.5%)
I do not know	46 (6.5%)	1420 (5.5%)
Missing	52 (7.4%)	4599 (17.8%)

## 21. TODAY I feel...

Stronger than at admission	338 (47.8%)	11495 (44.6%)
Weaker than at admission	138 (19.5%)	4892 (19.0%)
Same as at admission	150 (21.2%)	7223 (28.0%)
I was admitted today	27 (3.8%)	611 (2.4%)
I do not know	43 (6.1%)	1156 (4.5%)
Missing	11 (1.6%)	401 (1.6%)

## 22. Can you walk without assistance TODAY?

Yes	311 (44.0%)	14760 (57.3%)
No, only with assistance	162 (22.9%)	6694 (26.0%)
No, I stay in bed	227 (32.1%)	3405 (13.2%)
Missing	7 (0.99%)	919 (3.6%)

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

550 (80.5%)	14819 (68.3%)
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## 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:	3 units (100%) YES	272 units (91%) YES
Nutritional treatment of cancer patients is part of overall care plan	2 units (67%) YES	274 units (91%) YES
<b>Nutritional treatment is considered...</b>		
Routinely	2 (66,7%)	181 (60,3%)
When patient asks	-	100 (33,3%)
When body weight loss > 10%	-	128 (42,7%)
During palliative phase	-	83 (27,7%)
Other	1 (33,3%)	33 (11,0%)
Missing	1 (33,3%)	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	1 (33,3%)	8 (2,67%)
It feeds the tumour	-	-
Other	1 (33,3%)	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	1 (33,3%)	205 (68,3%)
At chemotherapy	1 (33,3%)	42 (14,0%)
When necessary	1 (33,3%)	44 (14,7%)
Never	-	3 (1,00%)
Unknown	-	1 (0,33%)
Missing	-	5 (1,67%)

**Anthropometrics (circumference)**

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

**BIA**

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

**CT SCAN**

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

**DEXA**

Regularly	-	4 (1,33%)
At chemotherapy	-	-
When necessary	-	53 (17,7%)
Never	3 (100%)	192 (64,0%)
Unknown	-	32 (10,7%)
Missing	-	19 (6,33%)

**Other (body composition)**

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

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

### Body function:

#### Handgrip

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

#### 6-minutes walking test

Regularly	-	10 (3,33%)
At chemotherapy	-	3 (1,00%)
When necessary	-	76 (25,3%)
Never	3 (100%)	170 (56,7%)
Unknown	-	22 (7,33%)
Missing	-	19 (6,33%)

#### Other (body function)

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

#### Nutritional requirements, calculated

Regularly	1 (33,3%)	93 (31,0%)
At chemotherapy	1 (33,3%)	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	1 (33,3%)	5 (1,67%)
When necessary	1 (33,3%)	131 (43,7%)
Never	-	31 (10,3%)

Unknown	-	12 (4,00%)
Missing	-	36 (12,0%)
<b>1 meal per day</b>		
Regularly	1 (33,3%)	38 (12,7%)
At chemotherapy	-	4 (1,33%)
When necessary	1 (33,3%)	90 (30,0%)
Never	-	58 (19,3%)
Unknown	-	25 (8,33%)
Missing	1 (33,3%)	85 (28,3%)
<b>2 meals per day</b>		
Regularly	1 (33,3%)	37 (12,3%)
At chemotherapy	-	4 (1,33%)
When necessary	1 (33,3%)	87 (29,0%)
Never	-	61 (20,3%)
Unknown	-	26 (8,67%)
Missing	1 (33,3%)	85 (28,3%)
<b>24h recall</b>		
Regularly	2 (66,7%)	68 (22,7%)
At chemotherapy	1 (33,3%)	6 (2,00%)
When necessary	-	112 (37,3%)
Never	-	46 (15,3%)
Unknown	-	15 (5,00%)
Missing	-	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	1 (33,3%)	111 (37,0%)
Nurse	-	72 (24,0%)
Physician	-	65 (21,7%)
Nutritional scientist	2 (66,7%)	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:	37	2978
<b>Demographic data:</b>		
Age (years)	58 [19-87]	64 [18-120]
Female gender	16 (43,2%)	1365 (45,8%)
Weight (kg)	62,7 ± 17,2	67,6 ± 17,3
Height (cm)	163,3 ± 10,0	165,8 ± 10,1
BMI (kg/m <sup>2</sup> )	23,5 ± 6,5	24,5 ± 5,3
<b>Outpatient (o)/Ward (w)</b>		
Outpatient(o)	-	62 (2,08%)
Ward (w)	37 (100%)	2909 (97,7%)
Missing	-	7 (0,24%)
<b>Goal of Therapy</b>		
Curative	33 (89,2%)	1991 (66,9%)
Palliative	2 (5,41%)	788 (26,5%)
Terminal	2 (5,41%)	118 (3,96%)
Missing	-	81 (2,72%)
<b>Reason for admission</b>		
Clinical diagnostics	4 (10,8%)	389 (13,1%)
Therapy	12 (32,4%)	1409 (47,3%)
Surgery related	9 (24,3%)	583 (19,6%)
Treatment complications	2 (5,41%)	370 (12,4%)
Poor health status	11 (29,7%)	414 (13,9%)
Independent care difficult	-	29 (0,97%)
Missing	-	2 (0,07%)
<b>Present cancer diagnosis</b>		
Breast	1 (2,70%)	220 (7,39%)
Colon, rectum	1 (2,70%)	394 (13,2%)
Prostate	2 (5,41%)	118 (3,96%)
Lung	1 (2,70%)	280 (9,40%)
Skin	1 (2,70%)	34 (1,14%)
Kidney/bladder	-	121 (4,06%)
Gastric/oesophageal	5 (13,5%)	315 (10,6%)
Pancreas	6 (16,2%)	164 (5,51%)
Lymphoma	1 (2,70%)	253 (8,50%)
Ears nose throat (ENT)	-	103 (3,46%)
Leukaemia	10 (27,0%)	260 (8,73%)



Genital tract	2 (5,41%)	122 (4,10%)
Liver	2 (5,41%)	200 (6,72%)
Sarcoma	-	55 (1,85%)
Brain	1 (2,70%)	59 (1,98%)
Testicular	1 (2,70%)	20 (0,67%)
Other	4 (10,8%)	327 (11,0%)
Missing	-	56 (1,88%)

### Time since diagnosis

0-2 months	14 (37,8%)	824 (27,7%)
3-5 months	9 (24,3%)	531 (17,8%)
6-12 months	6 (16,2%)	526 (17,7%)
1-2 years	6 (16,2%)	382 (12,8%)
2-4 years	1 (2,70%)	273 (9,17%)
> 4 years	-	313 (10,5%)
Missing	-	81 (2,72%)

### Cancer staging

0=Carcinoma in situ	2 (5,41%)	168 (5,64%)
I=Localized	14 (37,8%)	559 (18,8%)
II=Early locally advanced	11 (29,7%)	433 (14,5%)
III=Late locally advanced	2 (5,41%)	479 (16,1%)
IV=Metastasised	7 (18,9%)	958 (32,2%)
Missing	1 (2,70%)	381 (12,8%)

### Time since first therapy start

No therapy	4 (10,8%)	263 (8,83%)
Tumour staging/diagnosis	9 (24,3%)	344 (11,6%)
0-2 months	13 (35,1%)	834 (28,0%)
3-5 months	7 (18,9%)	393 (13,2%)
6-12 months	4 (10,8%)	405 (13,6%)
1-2 years	3 (8,11%)	337 (11,3%)
2-4 years	2 (5,41%)	234 (7,86%)
> 4 years	-	254 (8,53%)
Missing	-	75 (2,52%)

### Therapy situation

Diagnosis	7 (18,9%)	344 (11,6%)
Chemotherapy 1st line	5 (13,5%)	640 (21,5%)
Chemotherapy > 1st line	10 (27,0%)	523 (17,6%)
Radiotherapy	1 (2,70%)	320 (10,7%)
Target therapy	-	81 (2,72%)
Hormone therapy	-	39 (1,31%)
Palliative	2 (5,41%)	263 (8,83%)

Surgery	9 (24,3%)	665 (22,3%)
Cancer related complications	2 (5,41%)	280 (9,40%)
Therapy related complications	-	109 (3,66%)
Missing	1 (2,70%)	81 (2,72%)

### Infections

None	27 (73,0%)	2171 (72,9%)
Local	5 (13,5%)	454 (15,2%)
General	3 (8,11%)	204 (6,85%)
Missing	2 (5,41%)	149 (5,00%)

### Nutrition Treatment

No special diet	8 (21,6%)	1356 (45,5%)
Individualized diet plan	8 (21,6%)	774 (26,0%)
Energy rich/protein rich ONS	11 (29,7%)	549 (18,4%)
Enteral nutrition (via NGT/PEG)	4 (10,8%)	160 (5,37%)
Parenteral nutrition	7 (18,9%)	239 (8,03%)
ONS enriched with special nutrients	1 (2,70%)	105 (3,53%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	2 (5,41%)	21 (0,71%)
Personal preferences	-	320 (10,7%)
Counselling	-	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:	37	2938
Body weight prior to becoming ill	79 [45-126]	72 [17-196]
Actual body weight	59 [36-95]	66 [11-196]
<b>Change in weight was</b>		
Intentional	2 (5,41%)	130 (4,37%)
Unintentional	30 (81,1%)	1930 (64,8%)
Weight is stable	3 (8,11%)	456 (15,3%)
Missing	1 (2,70%)	113 (3,79%)
<b>During the last week</b>		
<b>Patients who have had pain:</b>		
Not at all	9 (24,3%)	1022 (34,3%)
A little	19 (51,4%)	843 (28,3%)
Quite a bit	7 (18,9%)	472 (15,8%)
Very much	2 (5,41%)	400 (13,4%)
Missing	-	219 (7,35%)
<b>Patients who needed a rest:</b>		
Not at all	15 (40,5%)	640 (21,5%)
A little	14 (37,8%)	881 (29,6%)
Quite a bit	5 (13,5%)	684 (23,0%)
Very much	3 (8,11%)	508 (17,1%)
Missing	-	229 (7,69%)
<b>Patients who felt weak:</b>		
Not at all	11 (29,7%)	685 (23,0%)
A little	15 (40,5%)	858 (28,8%)
Quite a bit	8 (21,6%)	679 (22,8%)
Very much	3 (8,11%)	501 (16,8%)
Missing	-	223 (7,49%)
<b>Patients who felt depressed:</b>		
Not at all	17 (45,9%)	1148 (38,5%)
A little	13 (35,1%)	841 (28,2%)
Quite a bit	5 (13,5%)	437 (14,7%)
Very much	2 (5,41%)	275 (9,23%)
Missing	-	236 (7,92%)

**Patients who were tired:**

Not at all	9 (24,3%)	711 (23,9%)
A little	18 (48,6%)	915 (30,7%)
Quite a bit	8 (21,6%)	635 (21,3%)
Very much	2 (5,41%)	452 (15,2%)
Missing	-	227 (7,62%)

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

Not at all	8 (21,6%)	1169 (39,3%)
A little	15 (40,5%)	667 (22,4%)
Quite a bit	8 (21,6%)	470 (15,8%)
Very much	5 (13,5%)	395 (13,3%)
Missing	1 (2,70%)	237 (7,96%)

**Patients who lacked appetite:**

Not at all	12 (32,4%)	1044 (35,1%)
A little	16 (43,2%)	724 (24,3%)
Quite a bit	6 (16,2%)	529 (17,8%)
Very much	3 (8,11%)	415 (13,9%)
Missing	-	228 (7,66%)

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

Not at all	18 (48,6%)	1280 (43,0%)
A little	14 (37,8%)	924 (31,0%)
Quite a bit	3 (8,11%)	348 (11,7%)
Very much	1 (2,70%)	170 (5,71%)
Missing	-	226 (7,59%)

**Patients who need a rest:**

Not at all	13 (35,1%)	706 (23,7%)
A little	12 (32,4%)	1025 (34,4%)
Quite a bit	10 (27,0%)	625 (21,0%)
Very much	1 (2,70%)	345 (11,6%)
Missing	-	243 (8,16%)

**Patients who feel weak:**

Not at all	13 (35,1%)	833 (28,0%)
A little	17 (45,9%)	939 (31,5%)
Quite a bit	4 (10,8%)	606 (20,3%)
Very much	2 (5,41%)	335 (11,2%)
Missing	-	229 (7,69%)

**Patients who are depressed:**

Not at all	21 (56,8%)	1280 (43,0%)
A little	13 (35,1%)	856 (28,7%)
Quite a bit	1 (2,70%)	373 (12,5%)
Very much	1 (2,70%)	189 (6,35%)
Missing	-	245 (8,23%)

#### Patients who are tired:

Not at all	13 (35,1%)	851 (28,6%)
A little	13 (35,1%)	1023 (34,4%)
Quite a bit	8 (21,6%)	524 (17,6%)
Very much	1 (2,70%)	302 (10,1%)
Missing	1 (2,70%)	240 (8,06%)

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

Not at all	13 (35,1%)	1269 (42,6%)
A little	9 (24,3%)	741 (24,9%)
Quite a bit	11 (29,7%)	385 (12,9%)
Very much	3 (8,11%)	282 (9,47%)
Missing	-	256 (8,60%)

#### Patients who lack appetite:

Not at all	16 (43,2%)	1128 (37,9%)
A little	9 (24,3%)	796 (26,7%)
Quite a bit	8 (21,6%)	455 (15,3%)
Very much	3 (8,11%)	305 (10,2%)
Missing	-	249 (8,36%)

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

Nausea/Vomiting	10 (27,0%)	511 (17,2%)
Inflammation in mouth	-	119 (4,00%)
Pain	4 (10,8%)	386 (13,0%)
Constipation	5 (13,5%)	258 (8,66%)
Diarrhea	2 (5,41%)	200 (6,72%)
Change in taste/smell	4 (10,8%)	374 (12,6%)
Early satiation/Loss of appetite	11 (29,7%)	663 (22,3%)
Other	11 (29,7%)	471 (15,8%)
Missing	-	124 (4,16%)

#### Maximum activity performed by patients

Able to do sports	2 (5,41%)	132 (4,43%)
Fully active	3 (8,11%)	358 (12,0%)
Able to carry out light activities	7 (18,9%)	681 (22,9%)
Able to carry out self care	8 (21,6%)	751 (25,2%)
Able to carry out limited self care	5 (13,5%)	428 (14,4%)

Confined to bed or chair	10 (27,0%)	368 (12,4%)
Missing	1 (2,70%)	243 (8,16%)
<b>Patient takes additional (without prescription)</b>		
Nothing	31 (83,8%)	1871 (62,8%)
Herbal tea	1 (2,70%)	300 (10,1%)
Nutritional supplements	4 (10,8%)	279 (9,37%)
Multivitamin	-	161 (5,41%)
Other medication	-	112 (3,76%)
Other	-	120 (4,03%)
Missing	1 (2,70%)	267 (8,97%)
<b>Additional activities performed</b>		
Nothing	27 (73,0%)	2133 (71,6%)
Psychotherapy	-	65 (2,18%)
Yoga	-	39 (1,31%)
Meditation	2 (5,41%)	87 (2,92%)
Progressive muscle relaxation	-	54 (1,81%)
Qigong	2 (5,41%)	7 (0,24%)
Other	5 (13,5%)	359 (12,1%)
Missing	1 (2,70%)	295 (9,91%)
<b>Patients having difficulties in complying with treatment</b>		
	12 (32,4%)	698 (23,4%)
<b>Patients needing help to complete questionnaire</b>		
	36 (97,3%)	1572 (52,8%)
<b>Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:</b>		
	37 (100%)	1998 (67,1%)

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

Yes	1 (0.14%)	267 (1.0%)
No	531 (72.1%)	7135 (26.8%)
I do not know	95 (12.9%)	650 (2.4%)
Missing	109 (14.8%)	18540 (69.7%)

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

0-3 months	3 (0.41%)	527 (2.0%)
3-6 months	2 (0.27%)	149 (0.56%)
6-12 months	16 (2.2%)	222 (0.83%)
>1 year	47 (6.4%)	177 (0.67%)
never	153 (20.8%)	3842 (14.4%)
I do not know	282 (38.3%)	973 (3.7%)
Missing	233 (31.7%)	20702 (77.9%)

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

Yes	12 (1.6%)	494 (1.9%)
No	383 (52.0%)	5927 (22.3%)
I do not know	125 (17.0%)	865 (3.3%)
Missing	216 (29.3%)	19306 (72.6%)