



nutritionDay
WORLDWIDE

Country Report
nutritionDay 2022
Germany

Dear participant,

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

Number of participated center:	26
Number of participated units:	59
Number of patients:	891
Number of patients who gave consent:	851
Number of patients completing Sheet 3a:	833
Number of patients completing Sheet 3b:	834
Number of cancer patients:	278
Number of patients completing Sheet 2_onco:	102
Number of patients completing Sheet 3_onco:	101
Number of patients with 30-day outcome assessment:	788

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 or contact us at office@nutritionDay.org!

Best regards from the nutritionDay-Team!

Prof. Dr. Michael Hiesmayr

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

	YOUR RESULTS	REFERENCE RESULTS
1. Total number of beds in hospital	770 [514-1258]	355 [189-682]
2. Total number of admissions in the hospital last year	26619 [21543-50326]	18110 [8380-41842]
3. Total number of staff in the hospital		
Total medical doctors	391 [269-850]	179 [90-394]
Medical specialists	162 [120-605]	110 [39-253]
Medical non-specialists	173 [144-524]	47 [20-125]
Nurses	725 [500-1624]	385 [172-874]
Dieticians	6 [2-13]	4 [1-9]
Nutritionists	2 [1-3]	1 [0-4]
Pharmacists	9 [3-13]	9 [4-23]
Kitchen staff	27 [1-52]	29 [12-55]
Full time equivalent		
Total medical doctors	322 [221-952]	153 [62-360]
Medical specialists	158 [97-465]	92 [34-249]
Medical non-specialists	143 [120-478]	40 [17-118]
Nurses	517 [352-1223]	328 [159-751]
Dieticians	4 [3-8]	4 [1-8]
Nutritionists	1 [1-2]	1 [0-4]
Pharmacists	7 [3-10]	7 [3-16]
Kitchen staff	23 [17-72]	29 [11-56]
4. Does the hospital have a nutrition care strategy?	11 (73.3%) Yes	467 (80.7%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	13 (59.1%) Yes	407 (66.4%) Yes
Nutrition steering committee is available	4 (18.2%) Yes	312 (50.9%) Yes
Quality indicators are recorded and reported to national or regional level	4 (18.2%) Yes	220 (35.9%) Yes
Quality indicators are used for internal benchmarking	4 (18.2%) Yes	310 (50.6%) Yes
Patient feedback about food and food service is collected using a questionnaire	12 (54.5%) Yes	409 (66.7%) Yes
None	-	62 (10.1%) Yes
No answer given	7 (31.8%)	34 (5.5%)
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	10 (45.5%) Yes	318 (51.9%) Yes

Oral nutrition supplements	10 (45.5%) Yes	264 (43.1%) Yes
Parenteral nutrition	12 (54.5%) Yes	373 (60.8%) Yes
Enteral nutrition	13 (59.1%) Yes	350 (57.1%) Yes
Dietary counseling	9 (40.9%) Yes	238 (38.8%) Yes
Specific dietary interventions	6 (27.3%) Yes	207 (33.8%) Yes
Screening for malnutrition	10 (45.5%) Yes	196 (32.0%) Yes
Risk of malnutrition	9 (40.9%) Yes	176 (28.7%) Yes
Malnutrition (in general)	12 (54.5%) Yes	269 (43.9%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	13 (59.1%) Yes	252 (41.1%) Yes
No information available from billing/finance/controlling	1 (4.5%) Yes	124 (20.2%) Yes
No answer given	-	34 (5.5%)

Codes routinely used

Nutrition Support	9 (40.9%) Yes	281 (45.8%) Yes
Oral nutrition supplements	8 (36.4%) Yes	235 (38.3%) Yes
Parenteral nutrition	10 (45.5%) Yes	340 (55.5%) Yes
Enteral nutrition	11 (50.0%) Yes	327 (53.3%) Yes
Dietary counseling	7 (31.8%) Yes	208 (33.9%) Yes
Specific dietary interventions	6 (27.3%) Yes	187 (30.5%) Yes
Screening for malnutrition	8 (36.4%) Yes	171 (27.9%) Yes
Risk of malnutrition	7 (31.8%) Yes	158 (25.8%) Yes
Malnutrition (in general)	12 (54.5%) Yes	247 (40.3%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	12 (54.5%) Yes	226 (36.9%) Yes
No information available from billing/finance/controlling	2 (9.1%) 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	5 (8.5%)	20.5%
Internal Medicine / Cardiology	1 (1.7%)	4.3%
Internal Medicine / Gastroenterology & hepatology	11 (18.6%)	7.6%
Internal Medicine / Geriatrics	5 (8.5%)	9.5%
Internal Medicine / Infectious diseases	-	0.5%
Internal Medicine / Nephrology	1 (1.7%)	1.3%
Internal Medicine / Oncology (incl. radiotherapy)	8 (13.6%)	8.0%
Interdisciplinary	4 (6.8%)	2.9%
Long term care	-	2.6%
Neurology	2 (3.4%)	4.0%
Surgery / General	10 (16.9%)	14.5%
Surgery/ Cardiac/Vascular/Thoracic	1 (1.7%)	1.8%
Surgery / Neurosurgery	-	0.7%
Surgery / Orthopedic	-	3.5%
Trauma	-	0.6%
Ear Nose Throat (ENT)	3 (5.1%)	1.4%
Gynecology / Obstetrics	1 (1.7%)	1.6%
Pediatrics	-	0.4%
Psychiatry	-	1.0%
Others	7 (11.9%)	13.2%
2. Number of registered inpatients at noon	26 [20-32]	22 [17-30]
3. Total bed capacity of the unit	30 [27-34]	29 [23-40]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	3 [2-5]	3 [2-6]
Nurses	4 [3-4]	4 [3-7]
Nursing aides	1 [0-2]	2 [1-4]
Dieticians	0 [0-1]	1 [0-1]
Nutritionists	0 [0-1]	0 [0-1]
Administrative staff	1 [1-1]	1 [0-2]
Other staff involved in patient care	1 [1-2]	1 [0-3]
In training		
Medical doctors	1 [0-3]	1 [0-3]
Medical students	1 [0-1]	0 [0-2]
Nurses	1 [1-2]	1 [0-2]

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

5. Is there a nutrition support team in your hospital available? 42 (93.3%) Yes 938 (81.3%) Yes

6. Does the unit have a nutrition care strategy? 33 (73.3%) Yes 913 (79.1%) Yes

7. Is there a person in your unit responsible for nutrition care? 30 (66.7%) Yes 853 (73.9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 49 (87.5%) Yes 1210 (89.6%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 15 (33.3%) Yes 659 (57.1%) Yes

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

At admission

No routine screening	1 (1.7%) Yes	116 (8.2%) Yes
No fixed criteria	-	16 (1.1%) Yes
Experience / visual assessment only	7 (11.9%) Yes	84 (5.9%) Yes
Weighing / BMI only	11 (18.6%) Yes	211 (14.8%) Yes
Nutritional Risk Screening (NRS) 2002	28 (47.5%) Yes	464 (32.6%) Yes
Malnutrition Universal Screening Tool (MUST)	-	102 (7.2%) Yes
Malnutrition Screening tool (MST)	-	103 (7.2%) Yes
SNAQ	-	26 (1.8%) Yes
Other formal tool	9 (15.3%) Yes	215 (15.1%) Yes
I do not know	-	13 (0.91%) Yes
Missing	3 (5.1%)	73 (5.1%)

During hospital stay

No routine monitoring	3 (5.1%) Yes	124 (8.7%) Yes
No fixed criteria	1 (1.7%) Yes	108 (7.6%) Yes
Experience / visual assessment only	12 (20.3%) Yes	211 (14.8%) Yes
Weighing / BMI only	33 (55.9%) Yes	458 (32.2%) Yes
Other formal tool	6 (10.2%) Yes	404 (28.4%) Yes
I do not know	1 (1.7%) Yes	45 (3.2%) Yes
Missing	3 (5.1%)	73 (5.1%)

11a. Do you routinely use guidelines or standards for nutrition care? 35 (81.4%) Yes 953 (85.2%) Yes

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

International guidelines	9 (25.7%) Yes	296 (31.1%) Yes
National guidelines	4 (11.4%) Yes	141 (14.8%) Yes
Standards on hospital level	10 (28.6%) Yes	344 (36.1%) Yes
Standards on unit level	3 (8.6%) Yes	61 (6.4%) Yes
Individual patient nutrition care plans	7 (20.0%) Yes	97 (10.2%) Yes
Other	-	6 (0.63%) Yes
Missing	2 (5.7%)	8 (0.84%)

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

Watchful waiting	20 (33.9%) Yes	361 (25.4%) Yes
Discuss nutrition care activities during ward rounds	29 (49.2%) Yes	597 (42.0%) Yes
Develop an individual nutrition care plan	21 (35.6%) Yes	684 (48.1%) Yes
Initiate treatment / nutrition intervention	30 (50.8%) Yes	750 (52.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	35 (59.3%) Yes	725 (50.9%) Yes
Consult a medical professional	19 (32.2%) Yes	430 (30.2%) Yes
Calculate energy requirements	19 (32.2%) Yes	601 (42.2%) Yes
Calculate protein requirements	13 (22.0%) Yes	590 (41.5%) Yes

Malnourished

Watchful waiting	14 (23.7%) Yes	264 (18.6%) Yes
Discuss nutrition care activities during ward rounds	33 (55.9%) Yes	622 (43.7%) Yes
Develop an individual nutrition care plan	33 (55.9%) Yes	757 (53.2%) Yes
Initiate treatment / nutrition intervention	38 (64.4%) Yes	818 (57.5%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	40 (67.8%) Yes	744 (52.3%) Yes
Consult a medical professional	18 (30.5%) Yes	552 (38.8%) Yes
Calculate energy requirements	33 (55.9%) Yes	710 (49.9%) Yes
Calculate protein requirements	25 (42.4%) Yes	702 (49.3%) Yes

Every patient

Watchful waiting	9 (15.3%) Yes	634 (44.6%) Yes
Discuss nutrition care activities during ward rounds	9 (15.3%) Yes	328 (23.0%) Yes
Develop an individual nutrition care plan	1 (1.7%) Yes	195 (13.7%) Yes
Initiate treatment / nutrition intervention	3 (5.1%) Yes	166 (11.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	3 (5.1%) Yes	254 (17.8%) Yes
Consult a medical professional	6 (10.2%) Yes	298 (20.9%) Yes
Calculate energy requirements	1 (1.7%) Yes	162 (11.4%) Yes
Calculate protein requirements	1 (1.7%) Yes	143 (10.0%) Yes

Never

Watchful waiting	12 (20.3%) Yes	110 (7.7%) Yes
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Discuss nutrition care activities during ward rounds	1 (1.7%) Yes	65 (4.6%) Yes
Develop an individual nutrition care plan	8 (13.6%) Yes	52 (3.7%) Yes
Initiate treatment / nutrition intervention	3 (5.1%) Yes	25 (1.8%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	2 (3.4%) Yes	15 (1.1%) Yes
Consult a medical professional	11 (18.6%) Yes	110 (7.7%) Yes
Calculate energy requirements	8 (13.6%) Yes	112 (7.9%) Yes
Calculate protein requirements	14 (23.7%) Yes	117 (8.2%) Yes

I do not know

Watchful waiting	6 (10.2%) Yes	75 (5.3%) Yes
Discuss nutrition care activities during ward rounds	2 (3.4%) Yes	42 (3.0%) Yes
Develop an individual nutrition care plan	4 (6.8%) Yes	50 (3.5%) Yes
Initiate treatment / nutrition intervention	2 (3.4%) Yes	39 (2.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (1.7%) Yes	43 (3.0%) Yes
Consult a medical professional	8 (13.6%) Yes	99 (7.0%) Yes
Calculate energy requirements	4 (6.8%) Yes	69 (4.8%) Yes
Calculate protein requirements	5 (8.5%) Yes	75 (5.3%) Yes

13. When do you routinely weigh your patients?

at admission	38 (64.4%) Yes	919 (64.6%) Yes
Within 24 hours	13 (22.0%) Yes	194 (13.6%) Yes
Within 48 hours	-	77 (5.4%) Yes
Within 72 hours	-	28 (2.0%) Yes
Every week	14 (23.7%) Yes	651 (45.7%) Yes
Occasionally	2 (3.4%) Yes	151 (10.6%) Yes
When requested	36 (61.0%) Yes	728 (51.2%) Yes
At discharge	1 (1.7%) Yes	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	39 (66.1%) Yes	1096 (77.0%) Yes
Offer meal choices	53 (89.8%) Yes	985 (69.2%) Yes
Offer different portion sizes	32 (54.2%) Yes	895 (62.9%) Yes
Consider food presentation	12 (20.3%) Yes	479 (33.7%) Yes
Change food texture/consistency as needed	43 (72.9%) Yes	1158 (81.4%) Yes
Consider patient problems with eating and drinking	52 (88.1%) Yes	1168 (82.1%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	10 (16.9%) Yes	383 (26.9%) Yes
Promote positive eating environment	13 (22.0%) Yes	468 (32.9%) Yes
Consider cultural/religious preferences	41 (69.5%) Yes	1022 (71.8%) Yes
Consider patient allergies / intolerances	56 (94.9%) Yes	1198 (84.2%) Yes
Other	1 (1.7%) Yes	102 (7.2%) Yes

I do not know	-	27 (1.9%) Yes
No answer given	3 (5.1%)	73 (5.1%)

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

Nutrition training is available	37 (62.7%) Yes	769 (54.0%) Yes
Reporting of nutrition related information to hospital managers	12 (20.3%) Yes	549 (38.6%) Yes
Quality indicators are recorded and reported to national or regional level	3 (5.1%) Yes	396 (27.8%) Yes
Quality indicators are used for internal benchmarking	7 (11.9%) Yes	488 (34.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	19 (32.2%) Yes	803 (56.4%) Yes
None	1 (1.7%) Yes	51 (3.6%) Yes
I do not know	2 (3.4%) Yes	65 (4.6%) Yes
No answer given	14 (23.7%)	269 (18.9%)

16. At admission what is asked and documented?

Change in weight	44 (74.6%) Yes	977 (68.7%) Yes
Eating habits/difficulties	41 (69.5%) Yes	893 (62.8%) Yes
Nutrition before admission	30 (50.8%) Yes	698 (49.1%) Yes
None	-	30 (2.1%) Yes
I do not know	-	45 (3.2%) Yes
No answer given	14 (23.7%)	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	40 (67.8%) Yes	963 (67.7%) Yes
nutrition treatment	20 (33.9%) Yes	751 (52.8%) Yes
None	-	59 (4.1%) Yes
I do not know	3 (5.1%) Yes	43 (3.0%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	28 (47.5%) Yes	581 (40.8%) Yes
makes future nutrition-related recommendations	34 (57.6%) Yes	780 (54.8%) Yes
None	1 (1.7%) Yes	90 (6.3%) Yes
I do not know	4 (6.8%) Yes	150 (10.5%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	26 (60.5%) Yes	498 (46.6%) Yes
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19. Who filled in this sheet?

Head staff	21 (35.6%) Yes	350 (24.6%) Yes
Dietician	10 (16.9%) Yes	611 (42.9%) Yes
Nurse	20 (33.9%) Yes	327 (23.0%) Yes

Physician	4 (6.8%) Yes	145 (10.2%) Yes
Administrative staff	-	29 (2.0%) Yes
Other	6 (10.2%) 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	851	26592
Age	70 [58-81]	66 [51-78]
Female	391 (45.9%)	13033 (49.0%)
Weight	77.1±18.0	70.4±18.6
Height	171±10	165±10
BMI	26.4±5.6	25.6±5.9

1. This hospital admission was...

planned	357 (42.0%)	8843 (33.3%)
an emergency	430 (50.5%)	15921 (59.9%)
I do not know	64 (7.5%)	1828 (6.9%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	117 (13.7%)	2701 (10.2%)
0200 Neoplasms	223 (26.2%)	4712 (17.7%)
0300 Blood and bloodforming organs and the immune mechanism	81 (9.5%)	1843 (6.9%)
0400 Endocrine, nutritional and metabolic diseases	184 (21.6%)	3356 (12.6%)
0500 Mental health	43 (5.1%)	1197 (4.5%)
0600 Nervous system	74 (8.7%)	2419 (9.1%)
0700 Eye and adnexa	9 (1.1%)	316 (1.2%)
0800 Ear and mastoid process	9 (1.1%)	133 (0.50%)
0900 Circulatory system	212 (24.9%)	5507 (20.7%)
1000 Respiratory system	100 (11.8%)	4000 (15.0%)
1100 Digestive system	328 (38.5%)	6204 (23.3%)
1200 Skin and subcutaneous tissue	32 (3.8%)	1451 (5.5%)
1300 Musculoskeletal system and connective tissue	140 (16.5%)	4622 (17.4%)
1400 Genitourinary system	146 (17.2%)	2898 (10.9%)
1500 Pregnancy, childbirth and the puerperium	-	424 (1.6%)
1600 Conditions originating in the perinatal period	-	71 (0.27%)
1700 Congenital/chromosomal abnormalities	2 (0.24%)	65 (0.24%)
1800 Symptoms, signs, abnormal clinical/lab findings	97 (11.4%)	1441 (5.4%)
1900 Injury, poisoning	33 (3.9%)	796 (3.0%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	5 (0.59%)	899 (3.4%)
2100 Factors influencing health status and contact with health services	153 (18.0%)	1002 (3.8%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	157 (18.9%)	4789 (18.8%)
Myocardial infarction	16 (1.9%)	1373 (5.4%)
Chronic lung disease	95 (11.4%)	3146 (12.4%)
Cerebral vascular disease	62 (7.5%)	2107 (8.3%)
Peripheral vascular disease	87 (10.5%)	2764 (10.9%)
Chronic liver disease	96 (11.6%)	1399 (5.5%)
Chronic kidney disease	143 (17.3%)	3056 (12.1%)
Diabetes	185 (22.4%)	5929 (23.2%)
Cancer	278 (33.2%)	5496 (21.5%)
Infection	129 (15.6%)	3680 (14.5%)
Dementia	21 (2.5%)	1243 (4.9%)
Major depressive disorder	27 (3.3%)	1152 (4.5%)
Other chronic mental disorder	32 (3.9%)	1149 (4.5%)
Other chronic disease	245 (29.7%)	6868 (26.9%)
None	129 (15.2%)	5214 (19.6%)

4a. Previous operation during this hospital stay

Yes, planned	157 (18.4%)	4741 (17.8%)
Yes, acute	37 (4.3%)	1848 (6.9%)
No	462 (54.3%)	15775 (59.3%)
I do not know	12 (1.4%)	246 (0.93%)
Missing	183 (21.5%)	3982 (15.0%)

Days since operation	4 [2-12]	5 [1-15]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	36 (4.2%)	2462 (9.3%)
Yes, later	35 (4.1%)	1594 (6.0%)
No	554 (65.1%)	17439 (65.6%)
I do not know	26 (3.1%)	642 (2.4%)
Missing	200 (23.5%)	4455 (16.8%)

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

80 (11.7%)	2641 (11.5%)
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6. Is this patient terminally ill?

169 (19.9%)	1752 (6.6%)
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7. Fluid status

Normal	446 (52.4%)	20786 (78.2%)
Overloaded	41 (4.8%)	1272 (4.8%)
Dehydrated	72 (8.5%)	1395 (5.2%)
I do not know	292 (34.3%)	3139 (11.8%)
Missing	-	-

8. Number of different medications planned

Oral	6 [3-9]	5 [2-8]
Other	1 [1-2]	2 [1-4]

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

Malnourished	111 (13.0%)	3439 (12.9%)
At risk	129 (15.2%)	5137 (19.3%)
No	529 (62.2%)	16313 (61.3%)
I do not know	82 (9.6%)	1703 (6.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	134 (15.7%)	8813 (33.1%)
5% Glucose solution	2 (0.24%)	1921 (7.2%)

11. Number of ONS drinks planned

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

Regular hospital food	636 (74.7%)	15963 (60.0%)
Fortified/enriched hospital food	126 (14.8%)	3591 (13.5%)
Protein/energy supplement (e.g. ONS drinks)	135 (15.9%)	4623 (17.4%)
Enteral nutrition	11 (1.3%)	1194 (4.5%)
Parenteral nutrition	45 (5.3%)	965 (3.6%)
Special diet	98 (11.5%)	7968 (30.0%)
None	30 (3.5%)	995 (3.7%)

13a. All lines and Tubes

Central Venous	116 (17.0%)	2276 (10.0%)
Peripheral venous access	350 (51.4%)	12226 (53.5%)
Nasogastric	3 (0.44%)	550 (2.4%)
Nasojejunal	-	126 (0.55%)
Nasoduodenal	-	60 (0.26%)
Enterostoma	3 (0.44%)	100 (0.44%)
Percutaneous endoscopy/surgical gastrostomy	6 (0.88%)	265 (1.2%)
Percutaneous endoscopy/surgical jejunostomy	-	90 (0.39%)
None	396 (46.5%)	12214 (45.9%)

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

Yes, previously	5 (0.59%)	329 (1.2%)
Yes, ongoing	1 (0.12%)	192 (0.72%)
No	551 (64.7%)	19494 (73.3%)
I do not know	101 (11.9%)	1927 (7.2%)
Missing	193 (22.7%)	4650 (17.5%)

14. Please indicate if any of the following was done for this patient since admission		
Energy requirements were determined	108 (15.9%)	9131 (39.9%)
Protein requirements were determined	75 (11.0%)	8285 (36.2%)
Food/Nutrition intake was recorded in the patient record	150 (22.0%)	10365 (45.3%)
Nutrition treatment plan was developed	101 (14.8%)	8802 (38.5%)
Nutrition expert was consulted	159 (23.3%)	9074 (39.7%)
Malnutrition status is recorded in the patient record	111 (16.3%)	7837 (34.3%)
None	-	-

15a. Energy goal		
< 500 kcal	5 (0.59%)	691 (2.6%)
500-999 kcal	8 (0.94%)	245 (0.92%)
1000-1499 kcal	14 (1.6%)	2014 (7.6%)
1500-1999 kcal	136 (16.0%)	7614 (28.6%)
>=2000 kcal	81 (9.5%)	2877 (10.8%)
Not determined	335 (39.4%)	7476 (28.1%)
I do not know	102 (12.0%)	1955 (7.4%)
Missing	170 (20.0%)	3720 (14.0%)

15b. Energy intake		
< 500 kcal	24 (2.8%)	1231 (4.6%)
500-999 kcal	33 (3.9%)	1085 (4.1%)
1000-1499 kcal	40 (4.7%)	2897 (10.9%)
1500-1999 kcal	87 (10.2%)	5852 (22.0%)
>=2000 kcal	31 (3.6%)	1702 (6.4%)
Not determined	246 (28.9%)	7294 (27.4%)
I do not know	220 (25.9%)	2811 (10.6%)
Missing	170 (20.0%)	3720 (14.0%)

16. Since admission, this patient's health status has...		
Improved	255 (30.0%)	12031 (45.2%)
Deteriorated	73 (8.6%)	1361 (5.1%)
Remained the same	195 (22.9%)	6081 (22.9%)
This patient has just been admitted	31 (3.6%)	1469 (5.5%)
I do not know	127 (14.9%)	1930 (7.3%)
Missing	170 (20.0%)	3720 (14.0%)

Length of hospital stay (days)	13 [7-23]	13 [7-24]
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Outcome Code		
1= Still in the hospital	60 (7.1%)	3018 (11.3%)
2= Transferred to another hospital	31 (3.6%)	595 (2.2%)
3= Transferred to long term care	30 (3.5%)	1051 (4.0%)

4= Rehabilitation	33 (3.9%)	875 (3.3%)
5= Discharged home	598 (70.3%)	19467 (73.2%)
6= Death	19 (2.2%)	934 (3.5%)
7= Others	17 (2.0%)	444 (1.7%)
Missing	63 (7.4%)	208 (0.78%)

Readmitted since nutritionDay

1= No	488 (68.6%)	17749 (77.4%)
2= Yes, same hospital planned	88 (12.4%)	1486 (6.5%)
3= Yes, same hospital unplanned	65 (9.1%)	1401 (6.1%)
4= Yes, different hospital planned	-	126 (0.55%)
5= Yes, different hospital unplanned	-	126 (0.55%)
6= Unknown	55 (7.7%)	344 (1.5%)
Missing	3 (0.42%)	1641 (7.2%)

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

YOUR RESULTS REFERENCE RESULTS

	YOUR RESULTS	REFERENCE RESULTS
1. What are your typical dietary habits?		
No special dietary habits	477 (57.3%)	15608 (60.4%)
I am vegetarian	31 (3.7%)	404 (1.6%)
I adhere to a vegan diet	6 (0.72%)	134 (0.52%)
I eat gluten-free diet	7 (0.84%)	214 (0.83%)
I avoid added sugars	112 (13.4%)	3790 (14.7%)
I avoid carbohydrates	29 (3.5%)	1446 (5.6%)
I eat a low fat-diet	93 (11.2%)	2516 (9.7%)
I am lactose intolerant	15 (1.8%)	943 (3.6%)
Other special diet due to intolerances/allergies	8 (0.96%)	497 (1.9%)
Other	48 (5.8%)	1670 (6.5%)
No answer given	174 (20.9%)	3877 (15.0%)
2. Where did you live before your current hospital admission?		
At home	605 (72.6%)	19455 (75.3%)
In a nursing home or other live-in facility	24 (2.9%)	690 (2.7%)
I was transferred from another hospital	27 (3.2%)	1580 (6.1%)
Other	4 (0.48%)	346 (1.3%)
Missing	173 (20.8%)	3778 (14.6%)
3. In general, are you able to walk?		
Yes	415 (49.8%)	13793 (53.4%)
Yes, with someone's help	48 (5.8%)	2493 (9.6%)
Yes, independently using a cane, walker, or crutches	134 (16.1%)	3173 (12.3%)
No, I have a wheelchair	36 (4.3%)	923 (3.6%)
No, I am bedridden	28 (3.4%)	1606 (6.2%)
Missing	172 (20.6%)	3861 (14.9%)
4. In general, how would you say your health is?		
Very good	21 (2.5%)	1821 (7.0%)
Good	197 (23.6%)	8196 (31.7%)
Fair	248 (29.8%)	8359 (32.3%)
Poor	152 (18.2%)	2967 (11.5%)
Very poor	35 (4.2%)	643 (2.5%)
Missing	180 (21.6%)	3863 (14.9%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	5 [3-10]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	2 [1-3]	1 [0-2]

... how many nights in total have you spent in hospital?	10 [3-25]	5 [0-15]
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6. How many different medications do you take routinely each day (prior to hospitalisation)?

1-2	136 (16.3%)	4777 (18.5%)
3-5	179 (21.5%)	5708 (22.1%)
More than 5	242 (29.1%)	6615 (25.6%)
None	82 (9.8%)	4090 (15.8%)
I do not know	18 (2.2%)	828 (3.2%)
Missing	176 (21.1%)	3831 (14.8%)

7. Do you have health insurance?

Yes, private insurance only	67 (8.0%)	3978 (15.4%)
Yes, public insurance only	534 (64.1%)	11614 (44.9%)
Yes, both	46 (5.5%)	2630 (10.2%)
None	2 (0.24%)	2739 (10.6%)
I prefer not to answer	6 (0.72%)	801 (3.1%)
Missing	178 (21.4%)	4087 (15.8%)

8. What was your weight 5 years ago?

I do not know	80 [70-92]	72 [62-85]
	121 (14.5%)	6263 (24.2%)

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

Yes, intentionally	75 (9.0%)	2152 (8.3%)
Yes, unintentionally	371 (44.5%)	10461 (40.5%)
No, my weight stayed the same	255 (30.6%)	7518 (29.1%)
No, I gained weight	68 (8.2%)	2979 (11.5%)
I do not know	53 (6.4%)	2317 (9.0%)
Missing	11 (1.3%)	422 (1.6%)

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

I do not know	8 [4-14]	6 [4-10]
	60 (13.5%)	2244 (17.8%)

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

	272 (42.7%)	8114 (38.2%)
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11. Please indicate if you ...

... were weighed at admission	245 (37.5%)	12850 (58.3%)
... were informed about your nutrition status	146 (22.5%)	8086 (36.9%)
... were informed about nutrition care options	133 (20.6%)	7149 (32.6%)
... received special nutrition care	133 (20.4%)	7225 (33.0%)

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

More than normal	23 (2.8%)	1206 (4.7%)
Normal	505 (60.6%)	15522 (60.2%)

About 3/4 of normal	91 (10.9%)	2695 (10.5%)
About half of normal	109 (13.1%)	3297 (12.8%)
About a quarter to nearly nothing	87 (10.4%)	2438 (9.5%)
I do not know	8 (0.96%)	237 (0.92%)
Missing	11 (1.3%)	383 (1.5%)

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

Very satisfied	98 (11.8%)	5906 (22.9%)
Somewhat satisfied	211 (25.3%)	7223 (28.0%)
Neutral	191 (22.9%)	4265 (16.5%)
Dissatisfied	74 (8.9%)	1849 (7.2%)
Very dissatisfied	31 (3.7%)	707 (2.7%)
I do not know	44 (5.3%)	1619 (6.3%)
Missing	185 (22.2%)	4209 (16.3%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	13 (1.6%)	2356 (9.1%)
Yes, from hospital staff	62 (7.4%)	1486 (5.8%)
No	538 (64.5%)	17167 (66.6%)
I do not know	15 (1.8%)	265 (1.0%)
Missing	206 (24.7%)	4504 (17.5%)

15. Were you able to eat without interruption TODAY? (Yes)	463 (74.7%)	15756 (75.2%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	331 (39.7%)	12282 (47.6%)
1/2	254 (30.5%)	6419 (24.9%)
1/4	128 (15.3%)	3259 (12.6%)
Nothing	82 (9.8%)	2785 (10.8%)
Missing	39 (4.7%)	1033 (4.0%)

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

Standard	431 (51.7%)	14046 (54.5%)
Smaller	65 (7.8%)	2165 (8.4%)
Larger	5 (0.60%)	1153 (4.5%)
I do not know	71 (8.5%)	2326 (9.0%)
Missing	262 (31.4%)	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	79 (17.0%)	2085 (16.7%)
I did not like the smell/taste of the food	75 (16.2%)	1515 (12.2%)
The food did not fit my cultural/religious preferences	-	134 (1.1%)
The food was too hot	1 (0.22%)	42 (0.34%)

The food was too cold	8 (1.7%)	295 (2.4%)
Due to food allergy/intolerance	1 (0.22%)	130 (1.0%)
I was not hungry at that time	65 (14.0%)	1996 (16.0%)
I do not have my usual appetite	171 (36.9%)	3629 (29.1%)
I have problems chewing/swallowing	37 (8.0%)	781 (6.3%)
I normally eat less than what was served	66 (14.2%)	1474 (11.8%)
I had nausea/vomiting	56 (12.1%)	1076 (8.6%)
I was too tired	26 (5.6%)	733 (5.9%)
I cannot eat without help	5 (1.1%)	196 (1.6%)
I was not allowed to eat	49 (10.6%)	1019 (8.2%)
I had an exam, surgery, or test and missed my meal	36 (7.8%)	801 (6.4%)
I did not get requested food	7 (1.5%)	143 (1.1%)
No answer given	38 (8.2%)	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 [1-3]	1 [0-2]
Coffee	1 [1-2]	1 [0-2]
Milk	0 [0-1]	1 [0-1]
Fruit juice	1 [0-2]	1 [0-2]
Soft drinks	0 [0-1]	0 [0-1]
Nutrition drink	0 [0-1]	0 [0-1]
Other	0 [0-0]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? (Yes) 146 (23.9%) 5541 (27.0%)

19b. If yes, what did you eat?

Sweet snacks	50 (34.2%)	1682 (30.4%)
Salty snacks	9 (6.2%)	696 (12.6%)
Homemade food	16 (11.0%)	879 (15.9%)
Fruits	55 (37.7%)	2098 (37.9%)
Dairy products	22 (15.1%)	727 (13.1%)
Food delivered/restaurant	3 (2.1%)	262 (4.7%)
Sandwich	12 (8.2%)	341 (6.2%)
Other	31 (21.2%)	803 (14.5%)

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

Increased	47 (5.6%)	3342 (13.0%)
Decreased	299 (35.9%)	7253 (28.1%)
Stayed the same	229 (27.5%)	9164 (35.5%)
I do not know	55 (6.6%)	1420 (5.5%)
Missing	204 (24.5%)	4599 (17.8%)

21. TODAY I feel...

Stronger than at admission	264 (31.7%)	11495 (44.6%)
Weaker than at admission	209 (25.1%)	4892 (19.0%)
Same as at admission	274 (32.9%)	7223 (28.0%)
I was admitted today	24 (2.9%)	611 (2.4%)
I do not know	43 (5.2%)	1156 (4.5%)
Missing	20 (2.4%)	401 (1.6%)

22. Can you walk without assistance TODAY?

Yes	525 (62.9%)	14760 (57.3%)
No, only with assistance	207 (24.8%)	6694 (26.0%)
No, I stay in bed	69 (8.3%)	3405 (13.2%)
Missing	33 (4.0%)	919 (3.6%)

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

367 (57.9%) 14819 (68.3%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	15	300
Computerized system in hospital:	15 units (100%) YES	272 units (91%) YES
Nutritional treatment of cancer patients is part of overall care plan	14 units (93%) YES	274 units (91%) YES
Nutritional treatment is considered...		
Routinely	6 (40,0%)	181 (60,3%)
When patient asks	9 (60,0%)	100 (33,3%)
When body weight loss > 10%	10 (66,7%)	128 (42,7%)
During palliative phase	8 (53,3%)	83 (27,7%)
Other	4 (26,7%)	33 (11,0%)
Missing	-	21 (7,00%)
Nutritional treatment is not part of the comprehensive approach due to		
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%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	6 (40,0%)	209 (69,7%)
Calculation of energy needs	9 (60,0%)	207 (69,0%)
Monitoring patients intake and use of oral supplements	15 (100%)	254 (84,7%)
None	-	5 (1,67%)
Other	4 (26,7%)	13 (4,33%)
Missing	-	11 (3,67%)
Nutritional therapy is not used due to		
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	1 (6,67%)	3 (1,00%)
Other	-	9 (3,00%)
Missing	-	1 (0,33%)
Assessment of parameters in cancer patients & methods used:		

Anthropometry/Body composition:**Body weight**

Regularly	9 (60,0%)	205 (68,3%)
At chemotherapy	2 (13,3%)	42 (14,0%)
When necessary	4 (26,7%)	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	3 (20,0%)	111 (37,0%)
Never	11 (73,3%)	108 (36,0%)
Unknown	1 (6,67%)	13 (4,33%)
Missing	-	21 (7,00%)

BIA

Regularly	1 (6,67%)	10 (3,33%)
At chemotherapy	-	2 (0,67%)
When necessary	4 (26,7%)	108 (36,0%)
Never	9 (60,0%)	148 (49,3%)
Unknown	1 (6,67%)	15 (5,00%)
Missing	-	17 (5,67%)

CT SCAN

Regularly	1 (6,67%)	5 (1,67%)
At chemotherapy	-	3 (1,00%)
When necessary	2 (13,3%)	81 (27,0%)
Never	10 (66,7%)	163 (54,3%)
Unknown	1 (6,67%)	28 (9,33%)
Missing	1 (6,67%)	20 (6,67%)

DEXA

Regularly	-	4 (1,33%)
At chemotherapy	1 (6,67%)	-
When necessary	1 (6,67%)	53 (17,7%)
Never	10 (66,7%)	192 (64,0%)
Unknown	2 (13,3%)	32 (10,7%)
Missing	1 (6,67%)	19 (6,33%)

Other (body composition)

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

When necessary	-	44 (14,7%)
Never	9 (60,0%)	99 (33,0%)
Unknown	1 (6,67%)	56 (18,7%)
Missing	5 (33,3%)	90 (30,0%)

Body function:

Handgrip

Regularly	-	19 (6,33%)
At chemotherapy	-	4 (1,33%)
When necessary	4 (26,7%)	108 (36,0%)
Never	8 (53,3%)	145 (48,3%)
Unknown	3 (20,0%)	11 (3,67%)
Missing	-	13 (4,33%)

6-minutes walking test

Regularly	-	10 (3,33%)
At chemotherapy	-	3 (1,00%)
When necessary	3 (20,0%)	76 (25,3%)
Never	10 (66,7%)	170 (56,7%)
Unknown	2 (13,3%)	22 (7,33%)
Missing	-	19 (6,33%)

Other (body function)

Regularly	-	13 (4,33%)
At chemotherapy	-	-
When necessary	2 (13,3%)	65 (21,7%)
Never	6 (40,0%)	101 (33,7%)
Unknown	2 (13,3%)	45 (15,0%)
Missing	5 (33,3%)	76 (25,3%)

Nutritional requirements, calculated

Regularly	2 (13,3%)	93 (31,0%)
At chemotherapy	-	6 (2,00%)
When necessary	9 (60,0%)	136 (45,3%)
Never	1 (6,67%)	21 (7,00%)
Unknown	1 (6,67%)	7 (2,33%)
Missing	2 (13,3%)	37 (12,3%)

Nutritional intake:

Every meal

Regularly	1 (6,67%)	85 (28,3%)
At chemotherapy	-	5 (1,67%)
When necessary	4 (26,7%)	131 (43,7%)
Never	5 (33,3%)	31 (10,3%)

Unknown	3 (20,0%)	12 (4,00%)
Missing	2 (13,3%)	36 (12,0%)
1 meal per day		
Regularly	-	38 (12,7%)
At chemotherapy	-	4 (1,33%)
When necessary	1 (6,67%)	90 (30,0%)
Never	6 (40,0%)	58 (19,3%)
Unknown	3 (20,0%)	25 (8,33%)
Missing	5 (33,3%)	85 (28,3%)
2 meals per day		
Regularly	-	37 (12,3%)
At chemotherapy	-	4 (1,33%)
When necessary	1 (6,67%)	87 (29,0%)
Never	6 (40,0%)	61 (20,3%)
Unknown	3 (20,0%)	26 (8,67%)
Missing	5 (33,3%)	85 (28,3%)
24h recall		
Regularly	3 (20,0%)	68 (22,7%)
At chemotherapy	-	6 (2,00%)
When necessary	5 (33,3%)	112 (37,3%)
Never	3 (20,0%)	46 (15,3%)
Unknown	2 (13,3%)	15 (5,00%)
Missing	2 (13,3%)	53 (17,7%)
Other (nutritional intake)		
Regularly	-	12 (4,00%)
At chemotherapy	-	-
When necessary	-	58 (19,3%)
Never	5 (33,3%)	52 (17,3%)
Unknown	3 (20,0%)	46 (15,3%)
Missing	7 (46,7%)	132 (44,0%)
Questionnaire completed by		
Dietitian	6 (40,0%)	111 (37,0%)
Nurse	6 (40,0%)	72 (24,0%)
Physician	1 (6,67%)	65 (21,7%)
Nutritional scientist	2 (13,3%)	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:	102	2978
Demographic data:		
Age (years)	64 [20-92]	64 [18-120]
Female gender	42 (41,2%)	1365 (45,8%)
Weight (kg)	75,1 ± 16,5	67,6 ± 17,3
Height (cm)	173,0 ± 9,2	165,8 ± 10,1
BMI (kg/m ²)	25,0 ± 4,9	24,5 ± 5,3
Outpatient (o)/Ward (w)		
Outpatient(o)	-	62 (2,08%)
Ward (w)	100 (98,0%)	2909 (97,7%)
Missing	2 (1,96%)	7 (0,24%)
Goal of Therapy		
Curative	60 (58,8%)	1991 (66,9%)
Palliative	38 (37,3%)	788 (26,5%)
Terminal	-	118 (3,96%)
Missing	4 (3,92%)	81 (2,72%)
Reason for admission		
Clinical diagnostics	26 (25,5%)	389 (13,1%)
Therapy	49 (48,0%)	1409 (47,3%)
Surgery related	26 (25,5%)	583 (19,6%)
Treatment complications	5 (4,90%)	370 (12,4%)
Poor health status	8 (7,84%)	414 (13,9%)
Independent care difficult	-	29 (0,97%)
Missing	-	2 (0,07%)
Present cancer diagnosis		
Breast	8 (7,84%)	220 (7,39%)
Colon, rectum	21 (20,6%)	394 (13,2%)
Prostate	1 (0,98%)	118 (3,96%)
Lung	13 (12,7%)	280 (9,40%)
Skin	1 (0,98%)	34 (1,14%)
Kidney/bladder	4 (3,92%)	121 (4,06%)
Gastric/oesophageal	6 (5,88%)	315 (10,6%)
Pancreas	6 (5,88%)	164 (5,51%)
Lymphoma	12 (11,8%)	253 (8,50%)
Ears nose throat (ENT)	1 (0,98%)	103 (3,46%)
Leukaemia	1 (0,98%)	260 (8,73%)

Genital tract	5 (4,90%)	122 (4,10%)
Liver	12 (11,8%)	200 (6,72%)
Sarcoma	5 (4,90%)	55 (1,85%)
Brain	-	59 (1,98%)
Testicular	1 (0,98%)	20 (0,67%)
Other	4 (3,92%)	327 (11,0%)
Missing	2 (1,96%)	56 (1,88%)

Time since diagnosis

0-2 months	20 (19,6%)	824 (27,7%)
3-5 months	29 (28,4%)	531 (17,8%)
6-12 months	18 (17,6%)	526 (17,7%)
1-2 years	9 (8,82%)	382 (12,8%)
2-4 years	11 (10,8%)	273 (9,17%)
> 4 years	10 (9,80%)	313 (10,5%)
Missing	3 (2,94%)	81 (2,72%)

Cancer staging

0=Carcinoma in situ	3 (2,94%)	168 (5,64%)
I=Localized	17 (16,7%)	559 (18,8%)
II=Early locally advanced	20 (19,6%)	433 (14,5%)
III=Late locally advanced	22 (21,6%)	479 (16,1%)
IV=Metastasised	31 (30,4%)	958 (32,2%)
Missing	9 (8,82%)	381 (12,8%)

Time since first therapy start

No therapy	10 (9,80%)	263 (8,83%)
Tumour staging/diagnosis	5 (4,90%)	344 (11,6%)
0-2 months	37 (36,3%)	834 (28,0%)
3-5 months	17 (16,7%)	393 (13,2%)
6-12 months	8 (7,84%)	405 (13,6%)
1-2 years	9 (8,82%)	337 (11,3%)
2-4 years	5 (4,90%)	234 (7,86%)
> 4 years	5 (4,90%)	254 (8,53%)
Missing	3 (2,94%)	75 (2,52%)

Therapy situation

Diagnosis	14 (13,7%)	344 (11,6%)
Chemotherapy 1st line	19 (18,6%)	640 (21,5%)
Chemotherapy > 1st line	16 (15,7%)	523 (17,6%)
Radiotherapy	10 (9,80%)	320 (10,7%)
Target therapy	2 (1,96%)	81 (2,72%)
Hormone therapy	-	39 (1,31%)
Palliative	12 (11,8%)	263 (8,83%)

Surgery	27 (26,5%)	665 (22,3%)
Cancer related complications	5 (4,90%)	280 (9,40%)
Therapy related complications	9 (8,82%)	109 (3,66%)
Missing	4 (3,92%)	81 (2,72%)

Infections

None	84 (82,4%)	2171 (72,9%)
Local	12 (11,8%)	454 (15,2%)
General	3 (2,94%)	204 (6,85%)
Missing	3 (2,94%)	149 (5,00%)

Nutrition Treatment

No special diet	58 (56,9%)	1356 (45,5%)
Individualized diet plan	11 (10,8%)	774 (26,0%)
Energy rich/protein rich ONS	26 (25,5%)	549 (18,4%)
Enteral nutrition (via NGT/PEG)	2 (1,96%)	160 (5,37%)
Parenteral nutrition	17 (16,7%)	239 (8,03%)
ONS enriched with special nutrients	-	105 (3,53%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	1 (0,98%)	21 (0,71%)
Personal preferences	5 (4,90%)	320 (10,7%)
Counselling	12 (11,8%)	159 (5,34%)
Other	3 (2,94%)	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:	101	2938
Body weight prior to becoming ill	81 [52-130]	72 [17-196]
Actual body weight	74 [45-108]	66 [11-196]
Change in weight was		
Intentional	8 (7,84%)	130 (4,37%)
Unintentional	70 (68,6%)	1930 (64,8%)
Weight is stable	11 (10,8%)	456 (15,3%)
Missing	5 (4,90%)	113 (3,79%)
During the last week		
Patients who have had pain:		
Not at all	35 (34,3%)	1022 (34,3%)
A little	21 (20,6%)	843 (28,3%)
Quite a bit	18 (17,6%)	472 (15,8%)
Very much	24 (23,5%)	400 (13,4%)
Missing	4 (3,92%)	219 (7,35%)
Patients who needed a rest:		
Not at all	23 (22,5%)	640 (21,5%)
A little	14 (13,7%)	881 (29,6%)
Quite a bit	27 (26,5%)	684 (23,0%)
Very much	35 (34,3%)	508 (17,1%)
Missing	3 (2,94%)	229 (7,69%)
Patients who felt weak:		
Not at all	30 (29,4%)	685 (23,0%)
A little	15 (14,7%)	858 (28,8%)
Quite a bit	25 (24,5%)	679 (22,8%)
Very much	28 (27,5%)	501 (16,8%)
Missing	4 (3,92%)	223 (7,49%)
Patients who felt depressed:		
Not at all	33 (32,4%)	1148 (38,5%)
A little	21 (20,6%)	841 (28,2%)
Quite a bit	15 (14,7%)	437 (14,7%)
Very much	26 (25,5%)	275 (9,23%)
Missing	6 (5,88%)	236 (7,92%)

Patients who were tired:

Not at all	28 (27,5%)	711 (23,9%)
A little	22 (21,6%)	915 (30,7%)
Quite a bit	21 (20,6%)	635 (21,3%)
Very much	26 (25,5%)	452 (15,2%)
Missing	4 (3,92%)	227 (7,62%)

Patients whose pain interfered with their daily activities:

Not at all	44 (43,1%)	1169 (39,3%)
A little	14 (13,7%)	667 (22,4%)
Quite a bit	14 (13,7%)	470 (15,8%)
Very much	26 (25,5%)	395 (13,3%)
Missing	3 (2,94%)	237 (7,96%)

Patients who lacked appetite:

Not at all	42 (41,2%)	1044 (35,1%)
A little	16 (15,7%)	724 (24,3%)
Quite a bit	16 (15,7%)	529 (17,8%)
Very much	24 (23,5%)	415 (13,9%)
Missing	3 (2,94%)	228 (7,66%)

Just now**Patients who have pain:**

Not at all	36 (35,3%)	1280 (43,0%)
A little	25 (24,5%)	924 (31,0%)
Quite a bit	21 (20,6%)	348 (11,7%)
Very much	17 (16,7%)	170 (5,71%)
Missing	3 (2,94%)	226 (7,59%)

Patients who need a rest:

Not at all	20 (19,6%)	706 (23,7%)
A little	19 (18,6%)	1025 (34,4%)
Quite a bit	29 (28,4%)	625 (21,0%)
Very much	30 (29,4%)	345 (11,6%)
Missing	3 (2,94%)	243 (8,16%)

Patients who feel weak:

Not at all	23 (22,5%)	833 (28,0%)
A little	23 (22,5%)	939 (31,5%)
Quite a bit	22 (21,6%)	606 (20,3%)
Very much	29 (28,4%)	335 (11,2%)
Missing	4 (3,92%)	229 (7,69%)

Patients who are depressed:

Not at all	37 (36,3%)	1280 (43,0%)
A little	22 (21,6%)	856 (28,7%)
Quite a bit	15 (14,7%)	373 (12,5%)
Very much	22 (21,6%)	189 (6,35%)
Missing	4 (3,92%)	245 (8,23%)

Patients who are tired:

Not at all	24 (23,5%)	851 (28,6%)
A little	27 (26,5%)	1023 (34,4%)
Quite a bit	25 (24,5%)	524 (17,6%)
Very much	21 (20,6%)	302 (10,1%)
Missing	4 (3,92%)	240 (8,06%)

Patients whose pain interferes with their daily activities:

Not at all	40 (39,2%)	1269 (42,6%)
A little	16 (15,7%)	741 (24,9%)
Quite a bit	19 (18,6%)	385 (12,9%)
Very much	23 (22,5%)	282 (9,47%)
Missing	3 (2,94%)	256 (8,60%)

Patients who lack appetite:

Not at all	40 (39,2%)	1128 (37,9%)
A little	20 (19,6%)	796 (26,7%)
Quite a bit	20 (19,6%)	455 (15,3%)
Very much	18 (17,6%)	305 (10,2%)
Missing	3 (2,94%)	249 (8,36%)

Reasons for change in appetite/food intake

Nausea/Vomiting	18 (17,6%)	511 (17,2%)
Inflammation in mouth	4 (3,92%)	119 (4,00%)
Pain	12 (11,8%)	386 (13,0%)
Constipation	9 (8,82%)	258 (8,66%)
Diarrhea	9 (8,82%)	200 (6,72%)
Change in taste/smell	18 (17,6%)	374 (12,6%)
Early satiation/Loss of appetite	30 (29,4%)	663 (22,3%)
Other	11 (10,8%)	471 (15,8%)
Missing	13 (12,7%)	124 (4,16%)

Maximum activity performed by patients

Able to do sports	7 (6,86%)	132 (4,43%)
Fully active	14 (13,7%)	358 (12,0%)
Able to carry out light activities	42 (41,2%)	681 (22,9%)
Able to carry out self care	24 (23,5%)	751 (25,2%)
Able to carry out limited self care	9 (8,82%)	428 (14,4%)

Confined to bed or chair	3 (2,94%)	368 (12,4%)
Missing	3 (2,94%)	243 (8,16%)
Patient takes additional (without prescription)		
Nothing	48 (47,1%)	1871 (62,8%)
Herbal tea	16 (15,7%)	300 (10,1%)
Nutritional supplements	15 (14,7%)	279 (9,37%)
Multivitamin	10 (9,80%)	161 (5,41%)
Other medication	5 (4,90%)	112 (3,76%)
Other	3 (2,94%)	120 (4,03%)
Missing	10 (9,80%)	267 (8,97%)
Additional activities performed		
Nothing	62 (60,8%)	2133 (71,6%)
Psychotherapy	5 (4,90%)	65 (2,18%)
Yoga	-	39 (1,31%)
Meditation	3 (2,94%)	87 (2,92%)
Progressive muscle relaxation	4 (3,92%)	54 (1,81%)
Qigong	-	7 (0,24%)
Other	24 (23,5%)	359 (12,1%)
Missing	8 (7,84%)	295 (9,91%)
Patients having difficulties in complying with treatment		
	6 (5,88%)	698 (23,4%)
Patients needing help to complete questionnaire		
	47 (46,1%)	1572 (52,8%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:		
	45 (44,1%)	1998 (67,1%)

1. Are you COVID-19 positive TODAY?

Yes	16 (1.9%)	267 (1.0%)
No	524 (61.6%)	7135 (26.8%)
I do not know	68 (8.0%)	650 (2.4%)
Missing	243 (28.6%)	18540 (69.7%)

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

0-3 months	92 (10.8%)	527 (2.0%)
3-6 months	48 (5.6%)	149 (0.56%)
6-12 months	74 (8.7%)	222 (0.83%)
>1 year	27 (3.2%)	177 (0.67%)
never	235 (27.6%)	3842 (14.4%)
I do not know	78 (9.2%)	973 (3.7%)
Missing	297 (34.9%)	20702 (77.9%)

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

Yes	50 (5.9%)	494 (1.9%)
No	349 (41.0%)	5927 (22.3%)
I do not know	111 (13.0%)	865 (3.3%)
Missing	341 (40.1%)	19306 (72.6%)