



nutritionDay
WORLDWIDE

Country Report
nutritionDay 2022
Colombia

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:	47
Number of patients:	1302
Number of patients who gave consent:	1297
Number of patients completing Sheet 3a:	1291
Number of patients completing Sheet 3b:	1288
Number of cancer patients:	201
Number of patients completing Sheet 2_onco:	102
Number of patients completing Sheet 3_onco:	102
Number of patients with 30-day outcome assessment:	1234

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	205 [118-347]	355 [189-682]
2. Total number of admissions in the hospital last year	18170 [5528-29989]	18110 [8380-41842]
3. Total number of staff in the hospital		
Total medical doctors	85 [42-182]	179 [90-394]
Medical specialists	39 [19-137]	110 [39-253]
Medical non-specialists	60 [25-111]	47 [20-125]
Nurses	125 [42-256]	385 [172-874]
Dieticians	0 [0-2]	4 [1-9]
Nutritionists	5 [4-8]	1 [0-4]
Pharmacists	7 [2-12]	9 [4-23]
Kitchen staff	24 [14-39]	29 [12-55]
Full time equivalent		
Total medical doctors	120 [52-155]	153 [62-360]
Medical specialists	62 [26-155]	92 [34-249]
Medical non-specialists	57 [25-110]	40 [17-118]
Nurses	130 [51-255]	328 [159-751]
Dieticians	0 [0-1]	4 [1-8]
Nutritionists	4 [1-7]	1 [0-4]
Pharmacists	2 [1-7]	7 [3-16]
Kitchen staff	15 [9-34]	29 [11-56]
4. Does the hospital have a nutrition care strategy?	22 (91.7%) Yes	467 (80.7%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	10 (41.7%) Yes	407 (66.4%) Yes
Nutrition steering committee is available	12 (50.0%) Yes	312 (50.9%) Yes
Quality indicators are recorded and reported to national or regional level	4 (16.7%) Yes	220 (35.9%) Yes
Quality indicators are used for internal benchmarking	15 (62.5%) Yes	310 (50.6%) Yes
Patient feedback about food and food service is collected using a questionnaire	23 (95.8%) Yes	409 (66.7%) Yes
None	2 (8.3%) Yes	62 (10.1%) Yes
No answer given	-	34 (5.5%)
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	17 (70.8%) Yes	318 (51.9%) Yes

Oral nutrition supplements	14 (58.3%) Yes	264 (43.1%) Yes
Parenteral nutrition	17 (70.8%) Yes	373 (60.8%) Yes
Enteral nutrition	18 (75.0%) Yes	350 (57.1%) Yes
Dietary counseling	6 (25.0%) Yes	238 (38.8%) Yes
Specific dietary interventions	11 (45.8%) Yes	207 (33.8%) Yes
Screening for malnutrition	6 (25.0%) Yes	196 (32.0%) Yes
Risk of malnutrition	3 (12.5%) Yes	176 (28.7%) Yes
Malnutrition (in general)	14 (58.3%) Yes	269 (43.9%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	12 (50.0%) Yes	252 (41.1%) Yes
No information available from billing/finance/controlling	1 (4.2%) Yes	124 (20.2%) Yes
No answer given	-	34 (5.5%)

Codes routinely used

Nutrition Support	17 (70.8%) Yes	281 (45.8%) Yes
Oral nutrition supplements	14 (58.3%) Yes	235 (38.3%) Yes
Parenteral nutrition	17 (70.8%) Yes	340 (55.5%) Yes
Enteral nutrition	17 (70.8%) Yes	327 (53.3%) Yes
Dietary counseling	6 (25.0%) Yes	208 (33.9%) Yes
Specific dietary interventions	11 (45.8%) Yes	187 (30.5%) Yes
Screening for malnutrition	7 (29.2%) Yes	171 (27.9%) Yes
Risk of malnutrition	3 (12.5%) Yes	158 (25.8%) Yes
Malnutrition (in general)	12 (50.0%) Yes	247 (40.3%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	12 (50.0%) Yes	226 (36.9%) Yes
No information available from billing/finance/controlling	2 (8.3%) 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	21 (44.7%)	20.5%
Internal Medicine / Cardiology	2 (4.3%)	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)	5 (10.6%)	8.0%
Interdisciplinary	-	2.9%
Long term care	-	2.6%
Neurology	-	4.0%
Surgery / General	14 (29.8%)	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	-	1.6%
Pediatrics	-	0.4%
Psychiatry	-	1.0%
Others	5 (10.6%)	13.2%
2. Number of registered inpatients at noon	44 [29-80]	22 [17-30]
3. Total bed capacity of the unit	64 [42-138]	29 [23-40]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	3 [2-7]	3 [2-6]
Nurses	4 [2-6]	4 [3-7]
Nursing aides	7 [5-17]	2 [1-4]
Dieticians	0 [0-1]	1 [0-1]
Nutritionists	1 [1-3]	0 [0-1]
Administrative staff	1 [0-3]	1 [0-2]
Other staff involved in patient care	0 [0-2]	1 [0-3]
In training		
Medical doctors	0 [0-1]	1 [0-3]
Medical students	0 [0-4]	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 [0-0]	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? 25 (59.5%) Yes 938 (81.3%) Yes

6. Does the unit have a nutrition care strategy? 37 (88.1%) Yes 913 (79.1%) Yes

7. Is there a person in your unit responsible for nutrition care? 42 (100%) Yes 853 (73.9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 39 (92.9%) Yes 1210 (89.6%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 12 (28.6%) Yes 659 (57.1%) Yes

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

At admission

No routine screening	2 (4.3%) Yes	116 (8.2%) Yes
No fixed criteria	-	16 (1.1%) Yes
Experience / visual assessment only	1 (2.1%) Yes	84 (5.9%) Yes
Weighing / BMI only	3 (6.4%) Yes	211 (14.8%) Yes
Nutritional Risk Screening (NRS) 2002	7 (14.9%) Yes	464 (32.6%) Yes
Malnutrition Universal Screening Tool (MUST)	9 (19.1%) Yes	102 (7.2%) Yes
Malnutrition Screening tool (MST)	17 (36.2%) Yes	103 (7.2%) Yes
SNAQ	-	26 (1.8%) Yes
Other formal tool	3 (6.4%) Yes	215 (15.1%) Yes
I do not know	-	13 (0.91%) Yes
Missing	5 (10.6%)	73 (5.1%)

During hospital stay

No routine monitoring	-	124 (8.7%) Yes
No fixed criteria	1 (2.1%) Yes	108 (7.6%) Yes
Experience / visual assessment only	7 (14.9%) Yes	211 (14.8%) Yes
Weighing / BMI only	20 (42.6%) Yes	458 (32.2%) Yes
Other formal tool	13 (27.7%) Yes	404 (28.4%) Yes
I do not know	1 (2.1%) Yes	45 (3.2%) Yes
Missing	5 (10.6%)	73 (5.1%)

11a. Do you routinely use guidelines or standards for nutrition care? 39 (95.1%) Yes 953 (85.2%) Yes

11b. If yes, which one is mainly used?			
International guidelines	18 (46.2%)	Yes	296 (31.1%)
National guidelines	1 (2.6%)	Yes	141 (14.8%)
Standards on hospital level	12 (30.8%)	Yes	344 (36.1%)
Standards on unit level	3 (7.7%)	Yes	61 (6.4%)
Individual patient nutrition care plans	5 (12.8%)	Yes	97 (10.2%)
Other	-		6 (0.63%)
Missing	-		8 (0.84%)

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

At risk

Watchful waiting	15 (31.9%)	Yes	361 (25.4%)
Discuss nutrition care activities during ward rounds	26 (55.3%)	Yes	597 (42.0%)
Develop an individual nutrition care plan	26 (55.3%)	Yes	684 (48.1%)
Initiate treatment / nutrition intervention	30 (63.8%)	Yes	750 (52.7%)
Consult a nutrition expert (dietician, nutritionist, etc.)	26 (55.3%)	Yes	725 (50.9%)
Consult a medical professional	6 (12.8%)	Yes	430 (30.2%)
Calculate energy requirements	26 (55.3%)	Yes	601 (42.2%)
Calculate protein requirements	24 (51.1%)	Yes	590 (41.5%)

Malnourished

Watchful waiting	15 (31.9%)	Yes	264 (18.6%)
Discuss nutrition care activities during ward rounds	28 (59.6%)	Yes	622 (43.7%)
Develop an individual nutrition care plan	27 (57.4%)	Yes	757 (53.2%)
Initiate treatment / nutrition intervention	30 (63.8%)	Yes	818 (57.5%)
Consult a nutrition expert (dietician, nutritionist, etc.)	28 (59.6%)	Yes	744 (52.3%)
Consult a medical professional	13 (27.7%)	Yes	552 (38.8%)
Calculate energy requirements	27 (57.4%)	Yes	710 (49.9%)
Calculate protein requirements	28 (59.6%)	Yes	702 (49.3%)

Every patient

Watchful waiting	16 (34.0%)	Yes	634 (44.6%)
Discuss nutrition care activities during ward rounds	7 (14.9%)	Yes	328 (23.0%)
Develop an individual nutrition care plan	4 (8.5%)	Yes	195 (13.7%)
Initiate treatment / nutrition intervention	3 (6.4%)	Yes	166 (11.7%)
Consult a nutrition expert (dietician, nutritionist, etc.)	7 (14.9%)	Yes	254 (17.8%)
Consult a medical professional	20 (42.6%)	Yes	298 (20.9%)
Calculate energy requirements	6 (12.8%)	Yes	162 (11.4%)
Calculate protein requirements	6 (12.8%)	Yes	143 (10.0%)

Never

Watchful waiting	-		110 (7.7%)
------------------	---	--	------------

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	3 (6.4%) Yes	110 (7.7%) Yes
Calculate energy requirements	-	112 (7.9%) Yes
Calculate protein requirements	-	117 (8.2%) Yes

I do not know

Watchful waiting	7 (14.9%) Yes	75 (5.3%) Yes
Discuss nutrition care activities during ward rounds	2 (4.3%) Yes	42 (3.0%) Yes
Develop an individual nutrition care plan	4 (8.5%) Yes	50 (3.5%) Yes
Initiate treatment / nutrition intervention	2 (4.3%) Yes	39 (2.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	3 (6.4%) Yes	43 (3.0%) Yes
Consult a medical professional	6 (12.8%) Yes	99 (7.0%) Yes
Calculate energy requirements	2 (4.3%) Yes	69 (4.8%) Yes
Calculate protein requirements	1 (2.1%) Yes	75 (5.3%) Yes

13. When do you routinely weigh your patients?

at admission	37 (78.7%) Yes	919 (64.6%) Yes
Within 24 hours	3 (6.4%) Yes	194 (13.6%) Yes
Within 48 hours	2 (4.3%) Yes	77 (5.4%) Yes
Within 72 hours	-	28 (2.0%) Yes
Every week	10 (21.3%) Yes	651 (45.7%) Yes
Occasionally	8 (17.0%) Yes	151 (10.6%) Yes
When requested	19 (40.4%) Yes	728 (51.2%) Yes
At discharge	1 (2.1%) Yes	80 (5.6%) Yes
Never	-	13 (0.91%) Yes
I do not know	1 (2.1%) Yes	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	34 (72.3%) Yes	1096 (77.0%) Yes
Offer meal choices	32 (68.1%) Yes	985 (69.2%) Yes
Offer different portion sizes	24 (51.1%) Yes	895 (62.9%) Yes
Consider food presentation	20 (42.6%) Yes	479 (33.7%) Yes
Change food texture/consistency as needed	41 (87.2%) Yes	1158 (81.4%) Yes
Consider patient problems with eating and drinking	36 (76.6%) Yes	1168 (82.1%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	1 (2.1%) Yes	383 (26.9%) Yes
Promote positive eating environment	4 (8.5%) Yes	468 (32.9%) Yes
Consider cultural/religious preferences	32 (68.1%) Yes	1022 (71.8%) Yes
Consider patient allergies / intolerances	37 (78.7%) Yes	1198 (84.2%) Yes
Other	1 (2.1%) Yes	102 (7.2%) Yes

I do not know	1 (2.1%) Yes	27 (1.9%) Yes
No answer given	5 (10.6%)	73 (5.1%)

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

Nutrition training is available	21 (44.7%) Yes	769 (54.0%) Yes
Reporting of nutrition related information to hospital managers	24 (51.1%) Yes	549 (38.6%) Yes
Quality indicators are recorded and reported to national or regional level	9 (19.1%) Yes	396 (27.8%) Yes
Quality indicators are used for internal benchmarking	30 (63.8%) Yes	488 (34.3%) Yes
Patient feedback about food and food service is collected using a questionnaire	37 (78.7%) Yes	803 (56.4%) Yes
None	-	51 (3.6%) Yes
I do not know	3 (6.4%) Yes	65 (4.6%) Yes
No answer given	5 (10.6%)	269 (18.9%)

16. At admission what is asked and documented?

Change in weight	36 (76.6%) Yes	977 (68.7%) Yes
Eating habits/difficulties	24 (51.1%) Yes	893 (62.8%) Yes
Nutrition before admission	11 (23.4%) Yes	698 (49.1%) Yes
None	2 (4.3%) Yes	30 (2.1%) Yes
I do not know	3 (6.4%) Yes	45 (3.2%) Yes
No answer given	5 (10.6%)	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	34 (72.3%) Yes	963 (67.7%) Yes
nutrition treatment	24 (51.1%) Yes	751 (52.8%) Yes
None	-	59 (4.1%) Yes
I do not know	3 (6.4%) Yes	43 (3.0%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	27 (57.4%) Yes	581 (40.8%) Yes
makes future nutrition-related recommendations	35 (74.5%) Yes	780 (54.8%) Yes
None	-	90 (6.3%) Yes
I do not know	1 (2.1%) Yes	150 (10.5%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	12 (32.4%) Yes	498 (46.6%) Yes
--	----------------	-----------------

19. Who filled in this sheet?

Head staff	7 (14.9%) Yes	350 (24.6%) Yes
Dietician	28 (59.6%) Yes	611 (42.9%) Yes
Nurse	3 (6.4%) Yes	327 (23.0%) Yes

Physician	2 (4.3%) Yes	145 (10.2%) Yes
Administrative staff	3 (6.4%) Yes	29 (2.0%) Yes
Other	6 (12.8%) Yes	106 (7.4%) Yes
None	-	2 (0.14%) Yes
I do not know	1 (2.1%) Yes	24 (1.7%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	1297	26592
Age	60 [42-72]	66 [51-78]
Female	593 (45.7%)	13033 (49.0%)
Weight	66.1±16.1	70.4±18.6
Height	163±9	165±10
BMI	24.8±5.4	25.6±5.9

1. This hospital admission was...

planned	165 (12.7%)	8843 (33.3%)
an emergency	1010 (77.9%)	15921 (59.9%)
I do not know	122 (9.4%)	1828 (6.9%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	165 (12.7%)	2701 (10.2%)
0200 Neoplasms	256 (19.7%)	4712 (17.7%)
0300 Blood and bloodforming organs and the immune mechanism	83 (6.4%)	1843 (6.9%)
0400 Endocrine, nutritional and metabolic diseases	211 (16.3%)	3356 (12.6%)
0500 Mental health	46 (3.5%)	1197 (4.5%)
0600 Nervous system	82 (6.3%)	2419 (9.1%)
0700 Eye and adnexa	2 (0.15%)	316 (1.2%)
0800 Ear and mastoid process	1 (0.08%)	133 (0.50%)
0900 Circulatory system	266 (20.5%)	5507 (20.7%)
1000 Respiratory system	135 (10.4%)	4000 (15.0%)
1100 Digestive system	234 (18.0%)	6204 (23.3%)
1200 Skin and subcutaneous tissue	93 (7.2%)	1451 (5.5%)
1300 Musculoskeletal system and connective tissue	151 (11.6%)	4622 (17.4%)
1400 Genitourinary system	130 (10.0%)	2898 (10.9%)
1500 Pregnancy, childbirth and the puerperium	2 (0.15%)	424 (1.6%)
1600 Conditions originating in the perinatal period	1 (0.08%)	71 (0.27%)
1700 Congenital/chromosomal abnormalities	3 (0.23%)	65 (0.24%)
1800 Symptoms, signs, abnormal clinical/lab findings	10 (0.77%)	1441 (5.4%)
1900 Injury, poisoning	31 (2.4%)	796 (3.0%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	99 (7.6%)	899 (3.4%)
2100 Factors influencing health status and contact with health services	15 (1.2%)	1002 (3.8%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	154 (12.2%)	4789 (18.8%)
Myocardial infarction	38 (3.1%)	1373 (5.4%)
Chronic lung disease	103 (8.3%)	3146 (12.4%)
Cerebral vascular disease	51 (4.1%)	2107 (8.3%)
Peripheral vascular disease	74 (6.0%)	2764 (10.9%)
Chronic liver disease	32 (2.6%)	1399 (5.5%)
Chronic kidney disease	108 (8.7%)	3056 (12.1%)
Diabetes	234 (18.9%)	5929 (23.2%)
Cancer	201 (16.3%)	5496 (21.5%)
Infection	173 (14.0%)	3680 (14.5%)
Dementia	27 (2.2%)	1243 (4.9%)
Major depressive disorder	20 (1.6%)	1152 (4.5%)
Other chronic mental disorder	24 (1.9%)	1149 (4.5%)
Other chronic disease	340 (27.6%)	6868 (26.9%)
None	282 (21.7%)	5214 (19.6%)

4a. Previous operation during this hospital stay

Yes, planned	225 (17.3%)	4741 (17.8%)
Yes, acute	108 (8.3%)	1848 (6.9%)
No	944 (72.8%)	15775 (59.3%)
I do not know	19 (1.5%)	246 (0.93%)
Missing	1 (0.08%)	3982 (15.0%)

Days since operation	15 [4-30]	5 [1-15]
----------------------	-----------	----------

4b. Planned operation during this hospital stay

Yes, today or tomorrow	298 (23.0%)	2462 (9.3%)
Yes, later	128 (9.9%)	1594 (6.0%)
No	829 (63.9%)	17439 (65.6%)
I do not know	39 (3.0%)	642 (2.4%)
Missing	3 (0.23%)	4455 (16.8%)

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

208 (16.0%)	2641 (11.5%)
-------------	--------------

6. Is this patient terminally ill?

93 (7.2%)	1752 (6.6%)
-----------	-------------

7. Fluid status

Normal	1106 (85.3%)	20786 (78.2%)
Overloaded	21 (1.6%)	1272 (4.8%)
Dehydrated	71 (5.5%)	1395 (5.2%)
I do not know	99 (7.6%)	3139 (11.8%)
Missing	-	-

8. Number of different medications planned

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

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

Malnourished	231 (17.8%)	3439 (12.9%)
At risk	201 (15.5%)	5137 (19.3%)
No	788 (60.8%)	16313 (61.3%)
I do not know	77 (5.9%)	1703 (6.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	806 (62.1%)	8813 (33.1%)
5% Glucose solution	24 (1.9%)	1921 (7.2%)

11. Number of ONS drinks planned

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

12. Nutrition intake

Regular hospital food	744 (57.4%)	15963 (60.0%)
Fortified/enriched hospital food	63 (4.9%)	3591 (13.5%)
Protein/energy supplement (e.g. ONS drinks)	156 (12.0%)	4623 (17.4%)
Enteral nutrition	76 (5.9%)	1194 (4.5%)
Parenteral nutrition	45 (3.5%)	965 (3.6%)
Special diet	375 (28.9%)	7968 (30.0%)
None	36 (2.8%)	995 (3.7%)

13a. All lines and Tubes

Central Venous	141 (10.9%)	2276 (10.0%)
Peripheral venous access	746 (57.5%)	12226 (53.5%)
Nasogastric	46 (3.5%)	550 (2.4%)
Nasojejunal	5 (0.39%)	126 (0.55%)
Nasoduodenal	2 (0.15%)	60 (0.26%)
Enterostoma	-	100 (0.44%)
Percutaneous endoscopy/surgical gastrostomy	25 (1.9%)	265 (1.2%)
Percutaneous endoscopy/surgical jejunostomy	3 (0.23%)	90 (0.39%)
None	417 (32.2%)	12214 (45.9%)

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

Yes, previously	27 (2.1%)	329 (1.2%)
Yes, ongoing	13 (1.0%)	192 (0.72%)
No	1171 (90.3%)	19494 (73.3%)
I do not know	83 (6.4%)	1927 (7.2%)
Missing	3 (0.23%)	4650 (17.5%)

14. Please indicate if any of the following was done for this patient since admission		
Energy requirements were determined	560 (43.2%)	9131 (39.9%)
Protein requirements were determined	539 (41.6%)	8285 (36.2%)
Food/Nutrition intake was recorded in the patient record	562 (43.3%)	10365 (45.3%)
Nutrition treatment plan was developed	557 (42.9%)	8802 (38.5%)
Nutrition expert was consulted	602 (46.4%)	9074 (39.7%)
Malnutrition status is recorded in the patient record	539 (41.6%)	7837 (34.3%)
None	-	-

15a. Energy goal		
< 500 kcal	28 (2.2%)	691 (2.6%)
500-999 kcal	3 (0.23%)	245 (0.92%)
1000-1499 kcal	98 (7.6%)	2014 (7.6%)
1500-1999 kcal	502 (38.7%)	7614 (28.6%)
>=2000 kcal	189 (14.6%)	2877 (10.8%)
Not determined	410 (31.6%)	7476 (28.1%)
I do not know	67 (5.2%)	1955 (7.4%)
Missing	-	3720 (14.0%)

15b. Energy intake		
< 500 kcal	44 (3.4%)	1231 (4.6%)
500-999 kcal	34 (2.6%)	1085 (4.1%)
1000-1499 kcal	131 (10.1%)	2897 (10.9%)
1500-1999 kcal	508 (39.2%)	5852 (22.0%)
>=2000 kcal	165 (12.7%)	1702 (6.4%)
Not determined	354 (27.3%)	7294 (27.4%)
I do not know	61 (4.7%)	2811 (10.6%)
Missing	-	3720 (14.0%)

16. Since admission, this patient's health status has...		
Improved	845 (65.2%)	12031 (45.2%)
Deteriorated	86 (6.6%)	1361 (5.1%)
Remained the same	277 (21.4%)	6081 (22.9%)
This patient has just been admitted	22 (1.7%)	1469 (5.5%)
I do not know	67 (5.2%)	1930 (7.3%)
Missing	-	3720 (14.0%)

Length of hospital stay (days)	14 [8-28]	13 [7-24]
--------------------------------	-----------	-----------

Outcome Code		
1= Still in the hospital	128 (9.9%)	3018 (11.3%)
2= Transferred to another hospital	27 (2.1%)	595 (2.2%)
3= Transferred to long term care	2 (0.15%)	1051 (4.0%)

4= Rehabilitation	3 (0.23%)	875 (3.3%)
5= Discharged home	909 (70.1%)	19467 (73.2%)
6= Death	42 (3.2%)	934 (3.5%)
7= Others	123 (9.5%)	444 (1.7%)
Missing	63 (4.9%)	208 (0.78%)

Readmitted since nutritionDay

1= No	700 (71.2%)	17749 (77.4%)
2= Yes, same hospital planned	39 (4.0%)	1486 (6.5%)
3= Yes, same hospital unplanned	29 (3.0%)	1401 (6.1%)
4= Yes, different hospital planned	6 (0.61%)	126 (0.55%)
5= Yes, different hospital unplanned	6 (0.61%)	126 (0.55%)
6= Unknown	11 (1.1%)	344 (1.5%)
Missing	190 (19.3%)	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	711 (55.1%)	15608 (60.4%)
I am vegetarian	7 (0.54%)	404 (1.6%)
I adhere to a vegan diet	4 (0.31%)	134 (0.52%)
I eat gluten-free diet	24 (1.9%)	214 (0.83%)
I avoid added sugars	368 (28.5%)	3790 (14.7%)
I avoid carbohydrates	126 (9.8%)	1446 (5.6%)
I eat a low fat-diet	247 (19.1%)	2516 (9.7%)
I am lactose intolerant	143 (11.1%)	943 (3.6%)
Other special diet due to intolerances/allergies	38 (2.9%)	497 (1.9%)
Other	116 (9.0%)	1670 (6.5%)
No answer given	16 (1.2%)	3877 (15.0%)
2. Where did you live before your current hospital admission?		
At home	1126 (87.2%)	19455 (75.3%)
In a nursing home or other live-in facility	16 (1.2%)	690 (2.7%)
I was transferred from another hospital	123 (9.5%)	1580 (6.1%)
Other	21 (1.6%)	346 (1.3%)
Missing	5 (0.39%)	3778 (14.6%)
3. In general, are you able to walk?		
Yes	784 (60.7%)	13793 (53.4%)
Yes, with someone's help	213 (16.5%)	2493 (9.6%)
Yes, independently using a cane, walker, or crutches	111 (8.6%)	3173 (12.3%)
No, I have a wheelchair	23 (1.8%)	923 (3.6%)
No, I am bedridden	148 (11.5%)	1606 (6.2%)
Missing	12 (0.93%)	3861 (14.9%)
4. In general, how would you say your health is?		
Very good	96 (7.4%)	1821 (7.0%)
Good	584 (45.2%)	8196 (31.7%)
Fair	509 (39.4%)	8359 (32.3%)
Poor	83 (6.4%)	2967 (11.5%)
Very poor	14 (1.1%)	643 (2.5%)
Missing	5 (0.39%)	3863 (14.9%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	4 [1-8]	4 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [1-2]	1 [0-2]

... how many nights in total have you spent in hospital?	8 [3-18]	5 [0-15]
--	----------	----------

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

1-2	320 (24.8%)	4777 (18.5%)
3-5	337 (26.1%)	5708 (22.1%)
More than 5	280 (21.7%)	6615 (25.6%)
None	290 (22.5%)	4090 (15.8%)
I do not know	60 (4.6%)	828 (3.2%)
Missing	4 (0.31%)	3831 (14.8%)

7. Do you have health insurance?

Yes, private insurance only	337 (26.1%)	3978 (15.4%)
Yes, public insurance only	796 (61.7%)	11614 (44.9%)
Yes, both	60 (4.6%)	2630 (10.2%)
None	65 (5.0%)	2739 (10.6%)
I prefer not to answer	20 (1.5%)	801 (3.1%)
Missing	13 (1.0%)	4087 (15.8%)

8. What was your weight 5 years ago?	70 [60-80]	72 [62-85]
---	------------	------------

I do not know	374 (29.0%)	6263 (24.2%)
---------------	-------------	--------------

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

Yes, intentionally	145 (11.2%)	2152 (8.3%)
Yes, unintentionally	703 (54.5%)	10461 (40.5%)
No, my weight stayed the same	218 (16.9%)	7518 (29.1%)
No, I gained weight	101 (7.8%)	2979 (11.5%)
I do not know	113 (8.8%)	2317 (9.0%)
Missing	11 (0.85%)	422 (1.6%)

9b. If yes, how many kg did you lose?	6 [4-10]	6 [4-10]
--	----------	----------

I do not know	174 (20.5%)	2244 (17.8%)
---------------	-------------	--------------

10. Did you know about your hospitalisation two days before admission? (Yes)	347 (27.2%)	8114 (38.2%)
---	-------------	--------------

11. Please indicate if you ...

... were weighed at admission	630 (48.9%)	12850 (58.3%)
... were informed about your nutrition status	443 (34.4%)	8086 (36.9%)
... were informed about nutrition care options	345 (26.8%)	7149 (32.6%)
... received special nutrition care	433 (33.6%)	7225 (33.0%)

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

More than normal	83 (6.4%)	1206 (4.7%)
Normal	783 (60.8%)	15522 (60.2%)

About 3/4 of normal	127 (9.9%)	2695 (10.5%)
About half of normal	134 (10.4%)	3297 (12.8%)
About a quarter to nearly nothing	131 (10.2%)	2438 (9.5%)
I do not know	24 (1.9%)	237 (0.92%)
Missing	6 (0.47%)	383 (1.5%)

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

Very satisfied	496 (38.5%)	5906 (22.9%)
Somewhat satisfied	302 (23.4%)	7223 (28.0%)
Neutral	249 (19.3%)	4265 (16.5%)
Dissatisfied	92 (7.1%)	1849 (7.2%)
Very dissatisfied	42 (3.3%)	707 (2.7%)
I do not know	100 (7.8%)	1619 (6.3%)
Missing	7 (0.54%)	4209 (16.3%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	207 (16.1%)	2356 (9.1%)
Yes, from hospital staff	39 (3.0%)	1486 (5.8%)
No	981 (76.2%)	17167 (66.6%)
I do not know	56 (4.3%)	265 (1.0%)
Missing	5 (0.39%)	4504 (17.5%)

15. Were you able to eat without interruption TODAY? (Yes)	937 (73.3%)	15756 (75.2%)
---	-------------	---------------

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

About all	743 (57.7%)	12282 (47.6%)
1/2	267 (20.7%)	6419 (24.9%)
1/4	101 (7.8%)	3259 (12.6%)
Nothing	126 (9.8%)	2785 (10.8%)
Missing	51 (4.0%)	1033 (4.0%)

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

Standard	862 (66.9%)	14046 (54.5%)
Smaller	122 (9.5%)	2165 (8.4%)
Larger	66 (5.1%)	1153 (4.5%)
I do not know	176 (13.7%)	2326 (9.0%)
Missing	62 (4.8%)	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 (14.2%)	2085 (16.7%)
I did not like the smell/taste of the food	39 (7.9%)	1515 (12.2%)
The food did not fit my cultural/religious preferences	7 (1.4%)	134 (1.1%)
The food was too hot	1 (0.20%)	42 (0.34%)

The food was too cold	18 (3.6%)	295 (2.4%)
Due to food allergy/intolerance	11 (2.2%)	130 (1.0%)
I was not hungry at that time	49 (9.9%)	1996 (16.0%)
I do not have my usual appetite	157 (31.8%)	3629 (29.1%)
I have problems chewing/swallowing	29 (5.9%)	781 (6.3%)
I normally eat less than what was served	55 (11.1%)	1474 (11.8%)
I had nausea/vomiting	41 (8.3%)	1076 (8.6%)
I was too tired	15 (3.0%)	733 (5.9%)
I cannot eat without help	7 (1.4%)	196 (1.6%)
I was not allowed to eat	25 (5.1%)	1019 (8.2%)
I had an exam, surgery, or test and missed my meal	48 (9.7%)	801 (6.4%)
I did not get requested food	3 (0.61%)	143 (1.1%)
No answer given	101 (20.4%)	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 [1-2]	1 [0-2]
Coffee	1 [1-1]	1 [0-2]
Milk	1 [1-1]	1 [0-1]
Fruit juice	2 [1-3]	1 [0-2]
Soft drinks	1 [1-2]	0 [0-1]
Nutrition drink	1 [1-2]	0 [0-1]
Other	1 [1-2]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? (Yes) 293 (23.6%) 5541 (27.0%)

19b. If yes, what did you eat?

Sweet snacks	52 (17.7%)	1682 (30.4%)
Salty snacks	57 (19.5%)	696 (12.6%)
Homemade food	48 (16.4%)	879 (15.9%)
Fruits	119 (40.6%)	2098 (37.9%)
Dairy products	28 (9.6%)	727 (13.1%)
Food delivered/restaurant	13 (4.4%)	262 (4.7%)
Sandwich	6 (2.0%)	341 (6.2%)
Other	54 (18.4%)	803 (14.5%)

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

Increased	245 (19.0%)	3342 (13.0%)
Decreased	464 (36.0%)	7253 (28.1%)
Stayed the same	485 (37.7%)	9164 (35.5%)
I do not know	78 (6.1%)	1420 (5.5%)
Missing	16 (1.2%)	4599 (17.8%)

21. TODAY I feel...

Stronger than at admission	745 (57.8%)	11495 (44.6%)
Weaker than at admission	224 (17.4%)	4892 (19.0%)
Same as at admission	274 (21.3%)	7223 (28.0%)
I was admitted today	2 (0.16%)	611 (2.4%)
I do not know	36 (2.8%)	1156 (4.5%)
Missing	7 (0.54%)	401 (1.6%)

22. Can you walk without assistance TODAY?

Yes	774 (60.1%)	14760 (57.3%)
No, only with assistance	313 (24.3%)	6694 (26.0%)
No, I stay in bed	178 (13.8%)	3405 (13.2%)
Missing	23 (1.8%)	919 (3.6%)

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

1131 (88.3%)	14819 (68.3%)
--------------	---------------

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

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	6	300
Computerized system in hospital:	6 units (100%) YES	272 units (91%) YES
Nutritional treatment of cancer patients is part of overall care plan	6 units (100%) YES	274 units (91%) YES
Nutritional treatment is considered...		
Routinely	5 (83,3%)	181 (60,3%)
When patient asks	1 (16,7%)	100 (33,3%)
When body weight loss > 10%	3 (50,0%)	128 (42,7%)
During palliative phase	1 (16,7%)	83 (27,7%)
Other	-	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	3 (50,0%)	16 (5,33%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	5 (83,3%)	209 (69,7%)
Calculation of energy needs	4 (66,7%)	207 (69,0%)
Monitoring patients intake and use of oral supplements	6 (100%)	254 (84,7%)
None	-	5 (1,67%)
Other	1 (16,7%)	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	-	3 (1,00%)
Other	3 (50,0%)	9 (3,00%)
Missing	-	1 (0,33%)
Assessment of parameters in cancer patients & methods used:		

Anthropometry/Body composition:**Body weight**

Regularly	5 (83,3%)	205 (68,3%)
At chemotherapy	1 (16,7%)	42 (14,0%)
When necessary	-	44 (14,7%)
Never	-	3 (1,00%)
Unknown	-	1 (0,33%)
Missing	-	5 (1,67%)

Anthropometrics (circumference)

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

BIA

Regularly	1 (16,7%)	10 (3,33%)
At chemotherapy	-	2 (0,67%)
When necessary	-	108 (36,0%)
Never	4 (66,7%)	148 (49,3%)
Unknown	1 (16,7%)	15 (5,00%)
Missing	-	17 (5,67%)

CT SCAN

Regularly	-	5 (1,67%)
At chemotherapy	-	3 (1,00%)
When necessary	-	81 (27,0%)
Never	5 (83,3%)	163 (54,3%)
Unknown	1 (16,7%)	28 (9,33%)
Missing	-	20 (6,67%)

DEXA

Regularly	-	4 (1,33%)
At chemotherapy	-	-
When necessary	-	53 (17,7%)
Never	5 (83,3%)	192 (64,0%)
Unknown	1 (16,7%)	32 (10,7%)
Missing	-	19 (6,33%)

Other (body composition)

Regularly	1 (16,7%)	10 (3,33%)
At chemotherapy	-	1 (0,33%)

When necessary	-	44 (14,7%)
Never	1 (16,7%)	99 (33,0%)
Unknown	4 (66,7%)	56 (18,7%)
Missing	-	90 (30,0%)

Body function:

Handgrip

Regularly	1 (16,7%)	19 (6,33%)
At chemotherapy	1 (16,7%)	4 (1,33%)
When necessary	3 (50,0%)	108 (36,0%)
Never	-	145 (48,3%)
Unknown	-	11 (3,67%)
Missing	1 (16,7%)	13 (4,33%)

6-minutes walking test

Regularly	1 (16,7%)	10 (3,33%)
At chemotherapy	-	3 (1,00%)
When necessary	1 (16,7%)	76 (25,3%)
Never	3 (50,0%)	170 (56,7%)
Unknown	-	22 (7,33%)
Missing	1 (16,7%)	19 (6,33%)

Other (body function)

Regularly	2 (33,3%)	13 (4,33%)
At chemotherapy	-	-
When necessary	2 (33,3%)	65 (21,7%)
Never	1 (16,7%)	101 (33,7%)
Unknown	1 (16,7%)	45 (15,0%)
Missing	-	76 (25,3%)

Nutritional requirements, calculated

Regularly	3 (50,0%)	93 (31,0%)
At chemotherapy	-	6 (2,00%)
When necessary	-	136 (45,3%)
Never	-	21 (7,00%)
Unknown	1 (16,7%)	7 (2,33%)
Missing	2 (33,3%)	37 (12,3%)

Nutritional intake:

Every meal

Regularly	-	85 (28,3%)
At chemotherapy	-	5 (1,67%)
When necessary	3 (50,0%)	131 (43,7%)
Never	-	31 (10,3%)

Unknown	2 (33,3%)	12 (4,00%)
Missing	1 (16,7%)	36 (12,0%)
1 meal per day		
Regularly	1 (16,7%)	38 (12,7%)
At chemotherapy	-	4 (1,33%)
When necessary	2 (33,3%)	90 (30,0%)
Never	-	58 (19,3%)
Unknown	2 (33,3%)	25 (8,33%)
Missing	1 (16,7%)	85 (28,3%)
2 meals per day		
Regularly	-	37 (12,3%)
At chemotherapy	-	4 (1,33%)
When necessary	2 (33,3%)	87 (29,0%)
Never	1 (16,7%)	61 (20,3%)
Unknown	2 (33,3%)	26 (8,67%)
Missing	1 (16,7%)	85 (28,3%)
24h recall		
Regularly	3 (50,0%)	68 (22,7%)
At chemotherapy	1 (16,7%)	6 (2,00%)
When necessary	2 (33,3%)	112 (37,3%)
Never	-	46 (15,3%)
Unknown	-	15 (5,00%)
Missing	-	53 (17,7%)
Other (nutritional intake)		
Regularly	1 (16,7%)	12 (4,00%)
At chemotherapy	-	-
When necessary	-	58 (19,3%)
Never	1 (16,7%)	52 (17,3%)
Unknown	2 (33,3%)	46 (15,3%)
Missing	2 (33,3%)	132 (44,0%)
Questionnaire completed by		
Dietitian	1 (16,7%)	111 (37,0%)
Nurse	-	72 (24,0%)
Physician	-	65 (21,7%)
Nutritional scientist	4 (66,7%)	41 (13,7%)
Other	1 (16,7%)	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)	60 [23-92]	64 [18-120]
Female gender	53 (52,0%)	1365 (45,8%)
Weight (kg)	62,7 ± 16,6	67,6 ± 17,3
Height (cm)	160,8 ± 10,7	165,8 ± 10,1
BMI (kg/m ²)	24,2 ± 5,8	24,5 ± 5,3
Outpatient (o)/Ward (w)		
Outpatient(o)	18 (17,6%)	62 (2,08%)
Ward (w)	84 (82,4%)	2909 (97,7%)
Missing	-	7 (0,24%)
Goal of Therapy		
Curative	61 (59,8%)	1991 (66,9%)
Palliative	38 (37,3%)	788 (26,5%)
Terminal	3 (2,94%)	118 (3,96%)
Missing	-	81 (2,72%)
Reason for admission		
Clinical diagnostics	26 (25,5%)	389 (13,1%)
Therapy	36 (35,3%)	1409 (47,3%)
Surgery related	7 (6,86%)	583 (19,6%)
Treatment complications	12 (11,8%)	370 (12,4%)
Poor health status	21 (20,6%)	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	14 (13,7%)	394 (13,2%)
Prostate	2 (1,96%)	118 (3,96%)
Lung	5 (4,90%)	280 (9,40%)
Skin	-	34 (1,14%)
Kidney/bladder	2 (1,96%)	121 (4,06%)
Gastric/oesophageal	18 (17,6%)	315 (10,6%)
Pancreas	2 (1,96%)	164 (5,51%)
Lymphoma	9 (8,82%)	253 (8,50%)
Ears nose throat (ENT)	2 (1,96%)	103 (3,46%)
Leukaemia	15 (14,7%)	260 (8,73%)

Genital tract	4 (3,92%)	122 (4,10%)
Liver	2 (1,96%)	200 (6,72%)
Sarcoma	1 (0,98%)	55 (1,85%)
Brain	3 (2,94%)	59 (1,98%)
Testicular	1 (0,98%)	20 (0,67%)
Other	13 (12,7%)	327 (11,0%)
Missing	1 (0,98%)	56 (1,88%)

Time since diagnosis

0-2 months	33 (32,4%)	824 (27,7%)
3-5 months	20 (19,6%)	531 (17,8%)
6-12 months	19 (18,6%)	526 (17,7%)
1-2 years	9 (8,82%)	382 (12,8%)
2-4 years	8 (7,84%)	273 (9,17%)
> 4 years	13 (12,7%)	313 (10,5%)
Missing	-	81 (2,72%)

Cancer staging

0=Carcinoma in situ	10 (9,80%)	168 (5,64%)
I=Localized	40 (39,2%)	559 (18,8%)
II=Early locally advanced	10 (9,80%)	433 (14,5%)
III=Late locally advanced	20 (19,6%)	479 (16,1%)
IV=Metastasised	18 (17,6%)	958 (32,2%)
Missing	4 (3,92%)	381 (12,8%)

Time since first therapy start

No therapy	14 (13,7%)	263 (8,83%)
Tumour staging/diagnosis	24 (23,5%)	344 (11,6%)
0-2 months	15 (14,7%)	834 (28,0%)
3-5 months	10 (9,80%)	393 (13,2%)
6-12 months	14 (13,7%)	405 (13,6%)
1-2 years	10 (9,80%)	337 (11,3%)
2-4 years	6 (5,88%)	234 (7,86%)
> 4 years	9 (8,82%)	254 (8,53%)
Missing	-	75 (2,52%)

Therapy situation

Diagnosis	18 (17,6%)	344 (11,6%)
Chemotherapy 1st line	23 (22,5%)	640 (21,5%)
Chemotherapy > 1st line	12 (11,8%)	523 (17,6%)
Radiotherapy	4 (3,92%)	320 (10,7%)
Target therapy	1 (0,98%)	81 (2,72%)
Hormone therapy	-	39 (1,31%)
Palliative	20 (19,6%)	263 (8,83%)

Surgery	13 (12,7%)	665 (22,3%)
Cancer related complications	8 (7,84%)	280 (9,40%)
Therapy related complications	4 (3,92%)	109 (3,66%)
Missing	2 (1,96%)	81 (2,72%)

Infections

None	77 (75,5%)	2171 (72,9%)
Local	22 (21,6%)	454 (15,2%)
General	2 (1,96%)	204 (6,85%)
Missing	1 (0,98%)	149 (5,00%)

Nutrition Treatment

No special diet	27 (26,5%)	1356 (45,5%)
Individualized diet plan	34 (33,3%)	774 (26,0%)
Energy rich/protein rich ONS	18 (17,6%)	549 (18,4%)
Enteral nutrition (via NGT/PEG)	10 (9,80%)	160 (5,37%)
Parenteral nutrition	9 (8,82%)	239 (8,03%)
ONS enriched with special nutrients	3 (2,94%)	105 (3,53%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	1 (0,98%)	21 (0,71%)
Personal preferences	-	320 (10,7%)
Counselling	5 (4,90%)	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:	102	2938
Body weight prior to becoming ill	68 [44-108]	72 [17-196]
Actual body weight	60 [33-172]	66 [11-196]
Change in weight was		
Intentional	4 (3,92%)	130 (4,37%)
Unintentional	70 (68,6%)	1930 (64,8%)
Weight is stable	4 (3,92%)	456 (15,3%)
Missing	17 (16,7%)	113 (3,79%)
During the last week		
Patients who have had pain:		
Not at all	29 (28,4%)	1022 (34,3%)
A little	19 (18,6%)	843 (28,3%)
Quite a bit	35 (34,3%)	472 (15,8%)
Very much	19 (18,6%)	400 (13,4%)
Missing	-	219 (7,35%)
Patients who needed a rest:		
Not at all	33 (32,4%)	640 (21,5%)
A little	26 (25,5%)	881 (29,6%)
Quite a bit	29 (28,4%)	684 (23,0%)
Very much	13 (12,7%)	508 (17,1%)
Missing	-	229 (7,69%)
Patients who felt weak:		
Not at all	26 (25,5%)	685 (23,0%)
A little	27 (26,5%)	858 (28,8%)
Quite a bit	28 (27,5%)	679 (22,8%)
Very much	20 (19,6%)	501 (16,8%)
Missing	-	223 (7,49%)
Patients who felt depressed:		
Not at all	35 (34,3%)	1148 (38,5%)
A little	42 (41,2%)	841 (28,2%)
Quite a bit	15 (14,7%)	437 (14,7%)
Very much	10 (9,80%)	275 (9,23%)
Missing	-	236 (7,92%)

Patients who were tired:

Not at all	24 (23,5%)	711 (23,9%)
A little	28 (27,5%)	915 (30,7%)
Quite a bit	38 (37,3%)	635 (21,3%)
Very much	11 (10,8%)	452 (15,2%)
Missing	-	227 (7,62%)

Patients whose pain interfered with their daily activities:

Not at all	35 (34,3%)	1169 (39,3%)
A little	22 (21,6%)	667 (22,4%)
Quite a bit	32 (31,4%)	470 (15,8%)
Very much	12 (11,8%)	395 (13,3%)
Missing	-	237 (7,96%)

Patients who lacked appetite:

Not at all	30 (29,4%)	1044 (35,1%)
A little	29 (28,4%)	724 (24,3%)
Quite a bit	28 (27,5%)	529 (17,8%)
Very much	14 (13,7%)	415 (13,9%)
Missing	1 (0,98%)	228 (7,66%)

Just now**Patients who have pain:**

Not at all	45 (44,1%)	1280 (43,0%)
A little	36 (35,3%)	924 (31,0%)
Quite a bit	17 (16,7%)	348 (11,7%)
Very much	3 (2,94%)	170 (5,71%)
Missing	-	226 (7,59%)

Patients who need a rest:

Not at all	39 (38,2%)	706 (23,7%)
A little	34 (33,3%)	1025 (34,4%)
Quite a bit	24 (23,5%)	625 (21,0%)
Very much	4 (3,92%)	345 (11,6%)
Missing	-	243 (8,16%)

Patients who feel weak:

Not at all	40 (39,2%)	833 (28,0%)
A little	31 (30,4%)	939 (31,5%)
Quite a bit	22 (21,6%)	606 (20,3%)
Very much	8 (7,84%)	335 (11,2%)
Missing	-	229 (7,69%)

Patients who are depressed:

Not at all	52 (51,0%)	1280 (43,0%)
A little	32 (31,4%)	856 (28,7%)
Quite a bit	11 (10,8%)	373 (12,5%)
Very much	4 (3,92%)	189 (6,35%)
Missing	-	245 (8,23%)

Patients who are tired:

Not at all	45 (44,1%)	851 (28,6%)
A little	30 (29,4%)	1023 (34,4%)
Quite a bit	17 (16,7%)	524 (17,6%)
Very much	6 (5,88%)	302 (10,1%)
Missing	-	240 (8,06%)

Patients whose pain interferes with their daily activities:

Not at all	49 (48,0%)	1269 (42,6%)
A little	25 (24,5%)	741 (24,9%)
Quite a bit	15 (14,7%)	385 (12,9%)
Very much	12 (11,8%)	282 (9,47%)
Missing	-	256 (8,60%)

Patients who lack appetite:

Not at all	42 (41,2%)	1128 (37,9%)
A little	31 (30,4%)	796 (26,7%)
Quite a bit	17 (16,7%)	455 (15,3%)
Very much	9 (8,82%)	305 (10,2%)
Missing	-	249 (8,36%)

Reasons for change in appetite/food intake

Nausea/Vomiting	30 (29,4%)	511 (17,2%)
Inflammation in mouth	3 (2,94%)	119 (4,00%)
Pain	13 (12,7%)	386 (13,0%)
Constipation	13 (12,7%)	258 (8,66%)
Diarrhea	10 (9,80%)	200 (6,72%)
Change in taste/smell	14 (13,7%)	374 (12,6%)
Early satiation/Loss of appetite	18 (17,6%)	663 (22,3%)
Other	24 (23,5%)	471 (15,8%)
Missing	6 (5,88%)	124 (4,16%)

Maximum activity performed by patients

Able to do sports	3 (2,94%)	132 (4,43%)
Fully active	10 (9,80%)	358 (12,0%)
Able to carry out light activities	22 (21,6%)	681 (22,9%)
Able to carry out self care	28 (27,5%)	751 (25,2%)
Able to carry out limited self care	14 (13,7%)	428 (14,4%)

Confined to bed or chair	23 (22,5%)	368 (12,4%)
Missing	-	243 (8,16%)
Patient takes additional (without prescription)		
Nothing	65 (63,7%)	1871 (62,8%)
Herbal tea	15 (14,7%)	300 (10,1%)
Nutritional supplements	7 (6,86%)	279 (9,37%)
Multivitamin	8 (7,84%)	161 (5,41%)
Other medication	1 (0,98%)	112 (3,76%)
Other	6 (5,88%)	120 (4,03%)
Missing	3 (2,94%)	267 (8,97%)
Additional activities performed		
Nothing	69 (67,6%)	2133 (71,6%)
Psychotherapy	-	65 (2,18%)
Yoga	2 (1,96%)	39 (1,31%)
Meditation	1 (0,98%)	87 (2,92%)
Progressive muscle relaxation	6 (5,88%)	54 (1,81%)
Qigong	-	7 (0,24%)
Other	23 (22,5%)	359 (12,1%)
Missing	1 (0,98%)	295 (9,91%)
Patients having difficulties in complying with treatment		
	29 (28,4%)	698 (23,4%)
Patients needing help to complete questionnaire		
	95 (93,1%)	1572 (52,8%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:		
	93 (91,2%)	1998 (67,1%)

1. Are you COVID-19 positive TODAY?

Yes	21 (1.6%)	267 (1.0%)
No	1197 (92.3%)	7135 (26.8%)
I do not know	79 (6.1%)	650 (2.4%)
Missing	-	18540 (69.7%)

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

0-3 months	5 (0.39%)	527 (2.0%)
3-6 months	25 (1.9%)	149 (0.56%)
6-12 months	41 (3.2%)	222 (0.83%)
>1 year	221 (17.0%)	177 (0.67%)
never	816 (62.9%)	3842 (14.4%)
I do not know	187 (14.4%)	973 (3.7%)
Missing	2 (0.15%)	20702 (77.9%)

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

Yes	28 (2.2%)	494 (1.9%)
No	1140 (87.9%)	5927 (22.3%)
I do not know	128 (9.9%)	865 (3.3%)
Missing	1 (0.08%)	19306 (72.6%)