



nutritionDay
WORLDWIDE

Country Report
nutritionDay 2021
Colombia

Dear participant,

Thank you for participating to nutritionDay worldwide in 2021. Your country report consists of the following sample size:

Number of participated center:	18
Number of participated units:	33
Number of patients:	910
Number of patients who gave consent:	905
Number of patients completing Sheet 3a:	898
Number of patients completing Sheet 3b:	897
Number of cancer patients:	160
Number of patients completing Sheet 2_onco:	80
Number of patients completing Sheet 3_onco:	79
Number of patients with 30-day outcome assessment:	856

This report compares your country to the international reference database based on data from nutritionDay 2017-2019.

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 2022! 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	278 [184-327]	375 [213-715]
2. Total number of admissions in the hospital last year	13464 [9041-17976]	18870 [9512-38961]
3. Total number of staff in the hospital		
Total medical doctors	137 [30-351]	186 [90-417]
Medical specialists	62 [14-220]	124 [54-273]
Medical non-specialists	28 [13-99]	45 [19-116]
Nurses	136 [37-209]	440 [208-910]
Dieticians	2 [0-5]	5 [1-10]
Nutritionists	3 [1-6]	1 [0-5]
Pharmacists	5 [2-9]	8 [4-24]
Kitchen staff	35 [8-43]	32 [15-62]
Full time equivalent		
Total medical doctors	41 [25-128]	175 [76-394]
Medical specialists	21 [12-122]	121 [50-274]
Medical non-specialists	30 [17-74]	45 [18-138]
Nurses	108 [37-208]	380 [198-793]
Dieticians	1 [0-7]	5 [2-8]
Nutritionists	3 [1-7]	1 [0-3]
Pharmacists	5 [2-7]	7 [4-20]
Kitchen staff	10 [4-42]	30 [14-57]
4. Does the hospital have a nutrition care strategy?	12 (70.6%) Yes	439 (80.8%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	9 (52.9%) Yes	391 (72.0%) Yes
Nutrition steering committee is available	8 (47.1%) Yes	328 (60.4%) Yes
Quality indicators are recorded and reported to national or regional level	8 (47.1%) Yes	229 (42.2%) Yes
Quality indicators are used for internal benchmarking	11 (64.7%) Yes	299 (55.1%) Yes
Patient feedback about food and food service is collected using a questionnaire	12 (70.6%) Yes	415 (76.4%) Yes
None	1 (5.9%) Yes	32 (5.9%) Yes
No answer given	-	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	14 (82.4%) Yes	296 (54.5%) Yes

Oral nutrition supplements	11 (64.7%) Yes	219 (40.3%) Yes
Parenteral nutrition	12 (70.6%) Yes	349 (64.3%) Yes
Enteral nutrition	11 (64.7%) Yes	327 (60.2%) Yes
Dietary counseling	5 (29.4%) Yes	232 (42.7%) Yes
Specific dietary interventions	6 (35.3%) Yes	178 (32.8%) Yes
Screening for malnutrition	3 (17.6%) Yes	195 (35.9%) Yes
Risk of malnutrition	1 (5.9%) Yes	160 (29.5%) Yes
Malnutrition (in general)	5 (29.4%) Yes	262 (48.3%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	5 (29.4%) Yes	251 (46.2%) Yes
No information available from billing/finance/controlling	1 (5.9%) Yes	104 (19.2%) Yes
No answer given	-	-

Codes routinely used

Nutrition Support	13 (76.5%) Yes	264 (48.6%) Yes
Oral nutrition supplements	11 (64.7%) Yes	200 (36.8%) Yes
Parenteral nutrition	11 (64.7%) Yes	326 (60.0%) Yes
Enteral nutrition	11 (64.7%) Yes	310 (57.1%) Yes
Dietary counseling	4 (23.5%) Yes	208 (38.3%) Yes
Specific dietary interventions	6 (35.3%) Yes	160 (29.5%) Yes
Screening for malnutrition	4 (23.5%) Yes	162 (29.8%) Yes
Risk of malnutrition	1 (5.9%) Yes	138 (25.4%) Yes
Malnutrition (in general)	6 (35.3%) Yes	238 (43.8%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	5 (29.4%) Yes	218 (40.1%) Yes
No information available from billing/finance/controlling	1 (5.9%) Yes	115 (21.2%) Yes
No answer given	-	-

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	14 (42.4%)	20.5%
Internal Medicine / Cardiology	1 (3.0%)	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)	3 (9.1%)	8.0%
Interdisciplinary	3 (9.1%)	2.9%
Long term care	-	2.6%
Neurology	1 (3.0%)	4.0%
Surgery / General	7 (21.2%)	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	4 (12.1%)	13.2%
2. Number of registered inpatients at noon	33 [22-57]	24 [18-31]
3. Total bed capacity of the unit	86 [32-139]	29 [24-38]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	5 [3-13]	3 [2-7]
Nurses	4 [3-12]	4 [3-7]
Nursing aides	11 [5-23]	2 [1-3]
Dieticians	1 [0-2]	1 [0-1]
Nutritionists	1 [0-2]	0 [0-1]
Administrative staff	2 [1-4]	1 [0-1]
Other staff involved in patient care	0 [0-2]	1 [0-3]
In training		
Medical doctors	1 [0-2]	1 [0-3]
Medical students	0 [0-2]	0 [0-2]
Nurses	0 [0-0]	1 [0-2]

Nursing aides	0 [0-0]	0 [0-1]
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? 13 (44.8%) Yes 936 (81.4%) Yes

6. Does the unit have a nutrition care strategy? 23 (79.3%) Yes 890 (77.4%) Yes

7. Is there a person in your unit responsible for nutrition care? 23 (79.3%) Yes 831 (72.3%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 25 (86.2%) Yes 1155 (90.1%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 16 (55.2%) Yes 662 (57.6%) Yes

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

At admission

No routine screening	2 (6.1%) Yes	101 (7.5%) Yes
No fixed criteria	-	13 (0.97%) Yes
Experience / visual assessment only	1 (3.0%) Yes	85 (6.3%) Yes
Weighing / BMI only	1 (3.0%) Yes	193 (14.3%) Yes
Nutritional Risk Screening (NRS) 2002	4 (12.1%) Yes	455 (33.8%) Yes
Malnutrition Universal Screening Tool (MUST)	9 (27.3%) Yes	86 (6.4%) Yes
Malnutrition Screening tool (MST)	7 (21.2%) Yes	94 (7.0%) Yes
SNAQ	-	27 (2.0%) Yes
Other formal tool	2 (6.1%) Yes	218 (16.2%) Yes
I do not know	3 (9.1%) Yes	10 (0.74%) Yes
Missing	4 (12.1%)	64 (4.8%)

During hospital stay

No routine monitoring	3 (9.1%) Yes	120 (8.9%) Yes
No fixed criteria	2 (6.1%) Yes	101 (7.5%) Yes
Experience / visual assessment only	2 (6.1%) Yes	212 (15.8%) Yes
Weighing / BMI only	5 (15.2%) Yes	438 (32.5%) Yes
Other formal tool	10 (30.3%) Yes	378 (28.1%) Yes
I do not know	7 (21.2%) Yes	33 (2.5%) Yes
Missing	4 (12.1%)	64 (4.8%)

11a. Do you routinely use guidelines or standards for nutrition care? 23 (82.1%) Yes 954 (85.2%) Yes

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

International guidelines	7 (30.4%) Yes	266 (27.9%) Yes
National guidelines	1 (4.3%) Yes	148 (15.5%) Yes
Standards on hospital level	9 (39.1%) Yes	355 (37.2%) Yes
Standards on unit level	3 (13.0%) Yes	58 (6.1%) Yes
Individual patient nutrition care plans	2 (8.7%) Yes	111 (11.6%) Yes
Other	-	8 (0.84%) Yes
Missing	1 (4.3%)	8 (0.84%)

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

Watchful waiting	7 (21.2%) Yes	355 (26.4%) Yes
Discuss nutrition care activities during ward rounds	15 (45.5%) Yes	572 (42.5%) Yes
Develop an individual nutrition care plan	17 (51.5%) Yes	675 (50.1%) Yes
Initiate treatment / nutrition intervention	18 (54.5%) Yes	739 (54.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	17 (51.5%) Yes	739 (54.9%) Yes
Consult a medical professional	3 (9.1%) Yes	472 (35.1%) Yes
Calculate energy requirements	13 (39.4%) Yes	593 (44.1%) Yes
Calculate protein requirements	15 (45.5%) Yes	574 (42.6%) Yes

Malnourished

Watchful waiting	8 (24.2%) Yes	252 (18.7%) Yes
Discuss nutrition care activities during ward rounds	12 (36.4%) Yes	614 (45.6%) Yes
Develop an individual nutrition care plan	12 (36.4%) Yes	739 (54.9%) Yes
Initiate treatment / nutrition intervention	15 (45.5%) Yes	797 (59.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	14 (42.4%) Yes	729 (54.2%) Yes
Consult a medical professional	5 (15.2%) Yes	540 (40.1%) Yes
Calculate energy requirements	14 (42.4%) Yes	686 (51.0%) Yes
Calculate protein requirements	15 (45.5%) Yes	670 (49.8%) Yes

Every patient

Watchful waiting	10 (30.3%) Yes	668 (49.6%) Yes
Discuss nutrition care activities during ward rounds	9 (27.3%) Yes	331 (24.6%) Yes
Develop an individual nutrition care plan	2 (6.1%) Yes	220 (16.3%) Yes
Initiate treatment / nutrition intervention	-	173 (12.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	2 (6.1%) Yes	256 (19.0%) Yes
Consult a medical professional	12 (36.4%) Yes	267 (19.8%) Yes
Calculate energy requirements	2 (6.1%) Yes	166 (12.3%) Yes
Calculate protein requirements	2 (6.1%) Yes	148 (11.0%) Yes

Never

Watchful waiting	2 (6.1%) Yes	95 (7.1%) Yes
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Discuss nutrition care activities during ward rounds	-	58 (4.3%) Yes
Develop an individual nutrition care plan	-	40 (3.0%) Yes
Initiate treatment / nutrition intervention	-	22 (1.6%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	20 (1.5%) Yes
Consult a medical professional	3 (9.1%) Yes	124 (9.2%) Yes
Calculate energy requirements	-	120 (8.9%) Yes
Calculate protein requirements	-	139 (10.3%) Yes

I do not know

Watchful waiting	10 (30.3%) Yes	70 (5.2%) Yes
Discuss nutrition care activities during ward rounds	5 (15.2%) Yes	49 (3.6%) Yes
Develop an individual nutrition care plan	8 (24.2%) Yes	43 (3.2%) Yes
Initiate treatment / nutrition intervention	8 (24.2%) Yes	37 (2.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	8 (24.2%) Yes	39 (2.9%) Yes
Consult a medical professional	9 (27.3%) Yes	96 (7.1%) Yes
Calculate energy requirements	9 (27.3%) Yes	68 (5.1%) Yes
Calculate protein requirements	8 (24.2%) Yes	75 (5.6%) Yes

13. When do you routinely weigh your patients?

at admission	16 (48.5%) Yes	878 (65.2%) Yes
Within 24 hours	5 (15.2%) Yes	203 (15.1%) Yes
Within 48 hours	1 (3.0%) Yes	74 (5.5%) Yes
Within 72 hours	-	32 (2.4%) Yes
Every week	6 (18.2%) Yes	631 (46.9%) Yes
Occasionally	1 (3.0%) Yes	153 (11.4%) Yes
When requested	12 (36.4%) Yes	707 (52.5%) Yes
At discharge	2 (6.1%) Yes	65 (4.8%) Yes
Never	1 (3.0%) Yes	12 (0.89%) Yes
I do not know	5 (15.2%) Yes	8 (0.59%) Yes
No answer given	-	64 (4.8%)

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

Offer additional meals or in between snacks	23 (69.7%) Yes	1043 (77.5%) Yes
Offer meal choices	17 (51.5%) Yes	989 (73.5%) Yes
Offer different portion sizes	14 (42.4%) Yes	900 (66.9%) Yes
Consider food presentation	12 (36.4%) Yes	460 (34.2%) Yes
Change food texture/consistency as needed	23 (69.7%) Yes	1106 (82.2%) Yes
Consider patient problems with eating and drinking	20 (60.6%) Yes	1111 (82.5%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	2 (6.1%) Yes	399 (29.6%) Yes
Promote positive eating environment	3 (9.1%) Yes	493 (36.6%) Yes
Consider cultural/religious preferences	22 (66.7%) Yes	999 (74.2%) Yes
Consider patient allergies / intolerances	22 (66.7%) Yes	1163 (86.4%) Yes
Other	3 (9.1%) Yes	101 (7.5%) Yes

I do not know	5 (15.2%) Yes	23 (1.7%) Yes
No answer given	4 (12.1%)	64 (4.8%)

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

Nutrition training is available	14 (42.4%) Yes	772 (57.4%) Yes
Reporting of nutrition related information to hospital managers	14 (42.4%) Yes	544 (40.4%) Yes
Quality indicators are recorded and reported to national or regional level	13 (39.4%) Yes	422 (31.4%) Yes
Quality indicators are used for internal benchmarking	22 (66.7%) Yes	494 (36.7%) Yes
Patient feedback about food and food service is collected using a questionnaire	22 (66.7%) Yes	805 (59.8%) Yes
None	-	38 (2.8%) Yes
I do not know	5 (15.2%) Yes	59 (4.4%) Yes
No answer given	4 (12.1%)	196 (14.6%)

16. At admission what is asked and documented?

Change in weight	22 (66.7%) Yes	985 (73.2%) Yes
Eating habits/difficulties	15 (45.5%) Yes	932 (69.2%) Yes
Nutrition before admission	13 (39.4%) Yes	746 (55.4%) Yes
None	-	20 (1.5%) Yes
I do not know	5 (15.2%) Yes	39 (2.9%) Yes
No answer given	4 (12.1%)	196 (14.6%)

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	22 (66.7%) Yes	965 (71.7%) Yes
nutrition treatment	16 (48.5%) Yes	759 (56.4%) Yes
None	-	53 (3.9%) Yes
I do not know	5 (15.2%) Yes	40 (3.0%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	11 (33.3%) Yes	573 (42.6%) Yes
makes future nutrition-related recommendations	21 (63.6%) Yes	775 (57.6%) Yes
None	-	112 (8.3%) Yes
I do not know	7 (21.2%) Yes	136 (10.1%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients? 5 (19.2%) Yes 475 (44.9%) Yes

19. Who filled in this sheet?

Head staff	3 (9.1%) Yes	369 (27.4%) Yes
Dietician	21 (63.6%) Yes	641 (47.6%) Yes
Nurse	2 (6.1%) Yes	339 (25.2%) Yes

Physician	-	140 (10.4%) Yes
Administrative staff	-	22 (1.6%) Yes
Other	2 (6.1%) Yes	87 (6.5%) Yes
None	-	-
I do not know	6 (18.2%) Yes	16 (1.2%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	905	24938
Age	61 [43-72]	67 [52-79]
Female	416 (46.0%)	12350 (49.5%)
Weight	66.7±15.3	70.6±18.8
Height	163±9	166±10
BMI	25.1±5.4	25.6±5.9

1. This hospital admission was...

planned	165 (18.2%)	8897 (35.7%)
an emergency	715 (79.0%)	14095 (56.5%)
I do not know	25 (2.8%)	1946 (7.8%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	49 (5.4%)	2401 (9.6%)
0200 Neoplasms	146 (16.1%)	4540 (18.2%)
0300 Blood and bloodforming organs and the immune mechanism	75 (8.3%)	1745 (7.0%)
0400 Endocrine, nutritional and metabolic diseases	141 (15.6%)	3135 (12.6%)
0500 Mental health	17 (1.9%)	1229 (4.9%)
0600 Nervous system	93 (10.3%)	2384 (9.6%)
0700 Eye and adnexa	6 (0.66%)	314 (1.3%)
0800 Ear and mastoid process	2 (0.22%)	143 (0.57%)
0900 Circulatory system	149 (16.5%)	5456 (21.9%)
1000 Respiratory system	97 (10.7%)	3828 (15.4%)
1100 Digestive system	188 (20.8%)	6160 (24.7%)
1200 Skin and subcutaneous tissue	83 (9.2%)	1185 (4.8%)
1300 Musculoskeletal system and connective tissue	126 (13.9%)	4086 (16.4%)
1400 Genitourinary system	92 (10.2%)	2781 (11.2%)
1500 Pregnancy, childbirth and the puerperium	3 (0.33%)	294 (1.2%)
1600 Conditions originating in the perinatal period	-	55 (0.22%)
1700 Congenital/chromosomal abnormalities	2 (0.22%)	57 (0.23%)
1800 Symptoms, signs, abnormal clinical/lab findings	20 (2.2%)	1374 (5.5%)
1900 Injury, poisoning	13 (1.4%)	699 (2.8%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	48 (5.3%)	760 (3.0%)
2100 Factors influencing health status and contact with health services	5 (0.55%)	967 (3.9%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	126 (13.9%)	4815 (20.0%)
Myocardial infarction	54 (6.0%)	1295 (5.4%)
Chronic lung disease	69 (7.6%)	3095 (12.9%)
Cerebral vascular disease	50 (5.5%)	2104 (8.8%)
Peripheral vascular disease	61 (6.7%)	2576 (10.7%)
Chronic liver disease	16 (1.8%)	1387 (5.8%)
Chronic kidney disease	78 (8.6%)	2780 (11.6%)
Diabetes	169 (18.7%)	5493 (22.8%)
Cancer	160 (17.7%)	5291 (22.0%)
Infection	89 (9.8%)	3401 (14.2%)
Dementia	16 (1.8%)	1201 (5.0%)
Major depressive disorder	25 (2.8%)	1146 (4.8%)
Other chronic mental disorder	29 (3.2%)	1129 (4.7%)
Other chronic disease	237 (26.2%)	6182 (25.7%)
None	232 (25.6%)	4918 (19.7%)

4a. Previous operation during this hospital stay

Yes, planned	169 (18.7%)	4588 (18.4%)
Yes, acute	116 (12.8%)	1540 (6.2%)
No	616 (68.1%)	15619 (62.6%)
I do not know	3 (0.33%)	235 (0.94%)
Missing	1 (0.11%)	2956 (11.9%)

Days since operation	10 [3-33]	4 [1-13]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	196 (21.7%)	1928 (7.7%)
Yes, later	105 (11.6%)	1364 (5.5%)
No	594 (65.6%)	17466 (70.0%)
I do not know	8 (0.88%)	777 (3.1%)
Missing	2 (0.22%)	3403 (13.6%)

5. Previous ICU admission during this hospital stay? (Yes)	123 (13.6%)	2367 (10.6%)
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6. Is this patient terminally ill?	53 (5.9%)	1518 (6.1%)
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7. Fluid status

Normal	827 (91.4%)	19053 (76.4%)
Overloaded	9 (0.99%)	1296 (5.2%)
Dehydrated	50 (5.5%)	1231 (4.9%)
I do not know	19 (2.1%)	3358 (13.5%)
Missing	-	-

8. Number of different medications planned

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

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

Malnourished	122 (13.5%)	3162 (12.7%)
At risk	101 (11.2%)	4616 (18.5%)
No	653 (72.2%)	15318 (61.4%)
I do not know	29 (3.2%)	1842 (7.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	516 (57.0%)	8176 (32.8%)
5% Glucose solution	55 (6.1%)	2128 (8.5%)

11. Number of ONS drinks planned

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

Regular hospital food	501 (55.4%)	15131 (60.7%)
Fortified/enriched hospital food	58 (6.4%)	3290 (13.2%)
Protein/energy supplement (e.g. ONS drinks)	132 (14.6%)	4070 (16.3%)
Enteral nutrition	38 (4.2%)	1106 (4.4%)
Parenteral nutrition	29 (3.2%)	1022 (4.1%)
Special diet	282 (31.2%)	7501 (30.1%)
None	26 (2.9%)	982 (3.9%)

13a. All lines and Tubes

Central Venous	109 (12.0%)	2136 (9.6%)
Peripheral venous access	606 (67.0%)	11129 (49.9%)
Nasogastric	19 (2.1%)	528 (2.4%)
Nasojejunal	2 (0.22%)	115 (0.52%)
Nasoduodenal	-	82 (0.37%)
Enterostoma	4 (0.44%)	100 (0.45%)
Percutaneous endoscopy/surgical gastrostomy	6 (0.66%)	216 (0.97%)
Percutaneous endoscopy/surgical jejunostomy	-	91 (0.41%)
None	212 (23.4%)	11685 (46.9%)

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

Yes, previously	8 (0.88%)	352 (1.4%)
Yes, ongoing	7 (0.77%)	210 (0.84%)
No	873 (96.5%)	18650 (74.8%)
I do not know	17 (1.9%)	2030 (8.1%)
Missing	-	3696 (14.8%)

14. Please indicate if any of the following was done for this patient since admission		
Energy requirements were determined	378 (41.8%)	8591 (38.5%)
Protein requirements were determined	355 (39.2%)	7723 (34.6%)
Food/Nutrition intake was recorded in the patient record	417 (46.1%)	9521 (42.7%)
Nutrition treatment plan was developed	394 (43.5%)	8177 (36.6%)
Nutrition expert was consulted	414 (45.7%)	8667 (38.8%)
Malnutrition status is recorded in the patient record	333 (36.8%)	7448 (33.4%)
None	-	-

15a. Energy goal

< 500 kcal	5 (0.55%)	783 (3.1%)
500-999 kcal	7 (0.77%)	194 (0.78%)
1000-1499 kcal	37 (4.1%)	1956 (7.8%)
1500-1999 kcal	359 (39.7%)	7632 (30.6%)
>=2000 kcal	119 (13.1%)	2380 (9.5%)
Not determined	310 (34.3%)	7419 (29.7%)
I do not know	68 (7.5%)	1959 (7.9%)
Missing	-	2615 (10.5%)

15b. Energy intake

< 500 kcal	9 (0.99%)	1316 (5.3%)
500-999 kcal	17 (1.9%)	938 (3.8%)
1000-1499 kcal	48 (5.3%)	2996 (12.0%)
1500-1999 kcal	329 (36.4%)	5568 (22.3%)
>=2000 kcal	102 (11.3%)	1218 (4.9%)
Not determined	323 (35.7%)	7394 (29.6%)
I do not know	77 (8.5%)	2893 (11.6%)
Missing	-	2615 (10.5%)

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

Improved	618 (68.3%)	11443 (45.9%)
Deteriorated	70 (7.7%)	1219 (4.9%)
Remained the same	178 (19.7%)	6079 (24.4%)
This patient has just been admitted	19 (2.1%)	1466 (5.9%)
I do not know	20 (2.2%)	2116 (8.5%)
Missing	-	2615 (10.5%)

Length of hospital stay (days)	16 [9-31]	12 [6-23]
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Outcome Code

1= Still in the hospital	113 (12.5%)	2515 (10.1%)
2= Transferred to another hospital	19 (2.1%)	534 (2.1%)
3= Transferred to long term care	3 (0.33%)	1049 (4.2%)

4= Rehabilitation	12 (1.3%)	871 (3.5%)
5= Discharged home	665 (73.5%)	18594 (74.6%)
6= Death	35 (3.9%)	785 (3.1%)
7= Others	9 (0.99%)	410 (1.6%)
Missing	49 (5.4%)	180 (0.72%)

Readmitted since nutritionDay

1= No	422 (57.5%)	16760 (76.8%)
2= Yes, same hospital planned	20 (2.7%)	1458 (6.7%)
3= Yes, same hospital unplanned	43 (5.9%)	1363 (6.2%)
4= Yes, different hospital planned	2 (0.27%)	114 (0.52%)
5= Yes, different hospital unplanned	2 (0.27%)	114 (0.52%)
6= Unknown	2 (0.27%)	481 (2.2%)
Missing	242 (33.0%)	1471 (6.7%)

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	568 (63.3%)	15402 (63.5%)
I am vegetarian	2 (0.22%)	445 (1.8%)
I adhere to a vegan diet	-	160 (0.66%)
I eat gluten-free diet	9 (1.0%)	204 (0.84%)
I avoid added sugars	205 (22.8%)	3626 (14.9%)
I avoid carbohydrates	85 (9.5%)	1383 (5.7%)
I eat a low fat-diet	165 (18.4%)	2463 (10.2%)
I am lactose intolerant	78 (8.7%)	809 (3.3%)
Other special diet due to intolerances/allergies	19 (2.1%)	416 (1.7%)
Other	83 (9.2%)	1608 (6.6%)
No answer given	7 (0.78%)	2801 (11.5%)
2. Where did you live before your current hospital admission?		
At home	747 (83.2%)	19123 (78.8%)
In a nursing home or other live-in facility	9 (1.0%)	762 (3.1%)
I was transferred from another hospital	121 (13.5%)	1370 (5.6%)
Other	18 (2.0%)	330 (1.4%)
Missing	3 (0.33%)	2674 (11.0%)
3. In general, are you able to walk?		
Yes	527 (58.7%)	13831 (57.0%)
Yes, with someone's help	172 (19.2%)	2252 (9.3%)
Yes, independently using a cane, walker, or crutches	77 (8.6%)	3228 (13.3%)
No, I have a wheelchair	23 (2.6%)	852 (3.5%)
No, I am bedridden	92 (10.2%)	1317 (5.4%)
Missing	7 (0.78%)	2779 (11.5%)
4. In general, how would you say your health is?		
Very good	70 (7.8%)	1712 (7.1%)
Good	364 (40.5%)	7821 (32.2%)
Fair	395 (44.0%)	8148 (33.6%)
Poor	54 (6.0%)	3099 (12.8%)
Very poor	12 (1.3%)	710 (2.9%)
Missing	3 (0.33%)	2769 (11.4%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	3 [1-7]	5 [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?	7 [3-19]	6 [0-16]
--	----------	----------

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

1-2	240 (26.7%)	4416 (18.2%)
3-5	234 (26.1%)	5773 (23.8%)
More than 5	162 (18.0%)	6835 (28.2%)
None	227 (25.3%)	3630 (15.0%)
I do not know	34 (3.8%)	820 (3.4%)
Missing	1 (0.11%)	2785 (11.5%)

7. Do you have health insurance?

Yes, private insurance only	229 (25.5%)	3823 (15.8%)
Yes, public insurance only	566 (63.0%)	11203 (46.2%)
Yes, both	35 (3.9%)	2662 (11.0%)
None	52 (5.8%)	2485 (10.2%)
I prefer not to answer	13 (1.4%)	986 (4.1%)
Missing	3 (0.33%)	3100 (12.8%)

8. What was your weight 5 years ago?

	70 [60-80]	72 [62-85]
--	------------	------------

I do not know	287 (32.0%)	5440 (22.4%)
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9a. Have you lost weight within the last 3 months?

Yes, intentionally	52 (5.8%)	2202 (9.1%)
Yes, unintentionally	498 (55.5%)	9411 (38.8%)
No, my weight stayed the same	198 (22.0%)	7247 (29.9%)
No, I gained weight	81 (9.0%)	2760 (11.4%)
I do not know	66 (7.3%)	2195 (9.0%)
Missing	3 (0.33%)	444 (1.8%)

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

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

I do not know	106 (19.3%)	1851 (15.9%)
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10. Did you know about your hospitalisation two days before admission? (Yes)

	274 (30.7%)	8227 (39.7%)
--	-------------	--------------

11. Please indicate if you ...

... were weighed at admission	448 (50.0%)	12540 (58.3%)
... were informed about your nutrition status	278 (31.0%)	7803 (36.5%)
... were informed about nutrition care options	224 (25.0%)	7174 (33.6%)
... received special nutrition care	277 (31.1%)	6955 (32.7%)

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

More than normal	68 (7.6%)	1099 (4.5%)
Normal	562 (62.7%)	14509 (60.0%)

About 3/4 of normal	64 (7.1%)	2651 (11.0%)
About half of normal	106 (11.8%)	3062 (12.7%)
About a quarter to nearly nothing	84 (9.4%)	2263 (9.4%)
I do not know	13 (1.4%)	231 (0.96%)
Missing	-	362 (1.5%)

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

Very satisfied	341 (38.0%)	5394 (22.3%)
Somewhat satisfied	222 (24.7%)	7204 (29.8%)
Neutral	182 (20.3%)	4214 (17.4%)
Dissatisfied	55 (6.1%)	1854 (7.7%)
Very dissatisfied	25 (2.8%)	673 (2.8%)
I do not know	72 (8.0%)	1694 (7.0%)
Missing	-	3144 (13.0%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	164 (18.3%)	2177 (9.0%)
Yes, from hospital staff	22 (2.5%)	1475 (6.1%)
No	681 (75.9%)	16830 (69.6%)
I do not know	29 (3.2%)	282 (1.2%)
Missing	1 (0.11%)	3413 (14.1%)

15. Were you able to eat without interruption TODAY? (Yes)	638 (71.8%)	15256 (74.7%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	516 (57.5%)	11133 (46.0%)
1/2	177 (19.7%)	6143 (25.4%)
1/4	85 (9.5%)	3103 (12.8%)
Nothing	114 (12.7%)	2802 (11.6%)
Missing	5 (0.56%)	996 (4.1%)

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

Standard	670 (74.7%)	13732 (56.8%)
Smaller	77 (8.6%)	2093 (8.7%)
Larger	32 (3.6%)	1046 (4.3%)
I do not know	100 (11.1%)	2302 (9.5%)
Missing	18 (2.0%)	5004 (20.7%)

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

I did not like the type of food offered	47 (12.5%)	1945 (16.1%)
I did not like the smell/taste of the food	19 (5.1%)	1480 (12.3%)
The food did not fit my cultural/religious preferences	6 (1.6%)	127 (1.1%)
The food was too hot	1 (0.27%)	54 (0.45%)

The food was too cold	15 (4.0%)	281 (2.3%)
Due to food allergy/intolerance	5 (1.3%)	105 (0.87%)
I was not hungry at that time	37 (9.8%)	1991 (16.5%)
I do not have my usual appetite	104 (27.7%)	3586 (29.8%)
I have problems chewing/swallowing	23 (6.1%)	716 (5.9%)
I normally eat less than what was served	28 (7.4%)	1383 (11.5%)
I had nausea/vomiting	39 (10.4%)	984 (8.2%)
I was too tired	14 (3.7%)	740 (6.1%)
I cannot eat without help	6 (1.6%)	191 (1.6%)
I was not allowed to eat	17 (4.5%)	1088 (9.0%)
I had an exam, surgery, or test and missed my meal	47 (12.5%)	733 (6.1%)
I did not get requested food	9 (2.4%)	124 (1.0%)
No answer given	95 (25.3%)	1823 (15.1%)

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

19a. Did you eat any food apart from hospital food TODAY? (Yes) 180 (20.4%) 5831 (29.2%)

19b. If yes, what did you eat?

Sweet snacks	36 (20.0%)	1820 (31.2%)
Salty snacks	35 (19.4%)	645 (11.1%)
Homemade food	18 (10.0%)	896 (15.4%)
Fruits	68 (37.8%)	2357 (40.4%)
Dairy products	22 (12.2%)	686 (11.8%)
Food delivered/restaurant	5 (2.8%)	272 (4.7%)
Sandwich	10 (5.6%)	347 (6.0%)
Other	38 (21.1%)	795 (13.6%)

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

Increased	117 (13.0%)	3329 (13.8%)
Decreased	369 (41.1%)	6808 (28.2%)
Stayed the same	343 (38.2%)	9055 (37.5%)
I do not know	59 (6.6%)	1479 (6.1%)
Missing	9 (1.0%)	3506 (14.5%)

21. TODAY I feel...

Stronger than at admission	510 (56.9%)	10558 (43.7%)
Weaker than at admission	193 (21.5%)	4610 (19.1%)
Same as at admission	162 (18.1%)	6833 (28.3%)
I was admitted today	2 (0.22%)	576 (2.4%)
I do not know	28 (3.1%)	1178 (4.9%)
Missing	2 (0.22%)	422 (1.7%)

22. Can you walk without assistance TODAY?

Yes	525 (58.5%)	14229 (58.9%)
No, only with assistance	230 (25.6%)	5989 (24.8%)
No, I stay in bed	132 (14.7%)	2912 (12.0%)
Missing	10 (1.1%)	1047 (4.3%)

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

723 (81.6%)	13801 (65.2%)
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V. Oncology: Unit organisation and structures ("Sheet 1 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	5	291
Computerized system in hospital:	5 units (100%) YES	265 units (91%) YES
Nutritional treatment of cancer patients is part of overall care plan	5 units (100%) YES	268 units (92%) YES
Nutritional treatment is considered...		
Routinely	4 (80,0%)	187 (64,3%)
When patient asks	3 (60,0%)	81 (27,8%)
When body weight loss > 10%	3 (60,0%)	98 (33,7%)
During palliative phase	1 (20,0%)	74 (25,4%)
Other	1 (20,0%)	26 (8,93%)
Missing	-	18 (6,19%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	1 (20,0%)	8 (2,75%)
No knowledge of the field	1 (20,0%)	9 (3,09%)
No reimbursement	1 (20,0%)	6 (2,06%)
It feeds the tumour	-	1 (0,34%)
Other	2 (40,0%)	11 (3,78%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	3 (60,0%)	206 (70,8%)
Calculation of energy needs	3 (60,0%)	201 (69,1%)
Monitoring patients intake and use of oral supplements	4 (80,0%)	245 (84,2%)
None	-	5 (1,72%)
Other	-	15 (5,15%)
Missing	1 (20,0%)	8 (2,75%)
Nutritional therapy is not used due to		
Lack of evidence	-	2 (0,69%)
Lack of experience	-	6 (2,06%)
No reimbursement	-	5 (1,72%)
Lack of dietitians	-	6 (2,06%)
Lack of other experts	-	1 (0,34%)
Other	1 (20,0%)	9 (3,09%)
Missing	-	2 (0,69%)
Assessment of parameters in cancer patients & methods used:		

Anthropometry/Body composition:**Body weight**

Regularly	4 (80,0%)	199 (68,4%)
At chemotherapy	-	47 (16,2%)
When necessary	1 (20,0%)	35 (12,0%)
Never	-	5 (1,72%)
Unknown	-	2 (0,69%)
Missing	-	3 (1,03%)

Anthropometrics (circumference)

Regularly	2 (40,0%)	42 (14,4%)
At chemotherapy	-	6 (2,06%)
When necessary	3 (60,0%)	98 (33,7%)
Never	-	122 (41,9%)
Unknown	-	12 (4,12%)
Missing	-	11 (3,78%)

BIA

Regularly	1 (20,0%)	10 (3,44%)
At chemotherapy	1 (20,0%)	3 (1,03%)
When necessary	1 (20,0%)	90 (30,9%)
Never	1 (20,0%)	165 (56,7%)
Unknown	1 (20,0%)	12 (4,12%)
Missing	-	11 (3,78%)

CT SCAN

Regularly	-	9 (3,09%)
At chemotherapy	-	3 (1,03%)
When necessary	2 (40,0%)	67 (23,0%)
Never	2 (40,0%)	176 (60,5%)
Unknown	1 (20,0%)	24 (8,25%)
Missing	-	12 (4,12%)

DEXA

Regularly	-	5 (1,72%)
At chemotherapy	-	1 (0,34%)
When necessary	2 (40,0%)	47 (16,2%)
Never	2 (40,0%)	197 (67,7%)
Unknown	1 (20,0%)	28 (9,62%)
Missing	-	13 (4,47%)

Other (body composition)

Regularly	-	8 (2,75%)
At chemotherapy	-	2 (0,69%)

When necessary	2 (40,0%)	42 (14,4%)
Never	2 (40,0%)	104 (35,7%)
Unknown	1 (20,0%)	38 (13,1%)
Missing	-	97 (33,3%)

Body function:

Handgrip

Regularly	1 (20,0%)	16 (5,50%)
At chemotherapy	1 (20,0%)	8 (2,75%)
When necessary	1 (20,0%)	90 (30,9%)
Never	1 (20,0%)	153 (52,6%)
Unknown	1 (20,0%)	14 (4,81%)
Missing	-	10 (3,44%)

6-minutes walking test

Regularly	-	10 (3,44%)
At chemotherapy	-	7 (2,41%)
When necessary	3 (60,0%)	68 (23,4%)
Never	1 (20,0%)	170 (58,4%)
Unknown	1 (20,0%)	20 (6,87%)
Missing	-	16 (5,50%)

Other (body function)

Regularly	2 (40,0%)	14 (4,81%)
At chemotherapy	-	1 (0,34%)
When necessary	1 (20,0%)	55 (18,9%)
Never	1 (20,0%)	108 (37,1%)
Unknown	1 (20,0%)	33 (11,3%)
Missing	-	80 (27,5%)

Nutritional requirements, calculated

Regularly	1 (20,0%)	87 (29,9%)
At chemotherapy	1 (20,0%)	4 (1,37%)
When necessary	-	135 (46,4%)
Never	-	20 (6,87%)
Unknown	1 (20,0%)	6 (2,06%)
Missing	2 (40,0%)	39 (13,4%)

Nutritional intake:

Every meal

Regularly	1 (20,0%)	78 (26,8%)
At chemotherapy	1 (20,0%)	3 (1,03%)
When necessary	2 (40,0%)	124 (42,6%)
Never	-	31 (10,7%)

Unknown	1 (20,0%)	15 (5,15%)
Missing	-	40 (13,7%)
1 meal per day		
Regularly	1 (20,0%)	33 (11,3%)
At chemotherapy	-	4 (1,37%)
When necessary	3 (60,0%)	90 (30,9%)
Never	-	59 (20,3%)
Unknown	1 (20,0%)	20 (6,87%)
Missing	-	85 (29,2%)
2 meals per day		
Regularly	1 (20,0%)	32 (11,0%)
At chemotherapy	-	3 (1,03%)
When necessary	2 (40,0%)	89 (30,6%)
Never	1 (20,0%)	60 (20,6%)
Unknown	1 (20,0%)	20 (6,87%)
Missing	-	87 (29,9%)
24h recall		
Regularly	3 (60,0%)	63 (21,6%)
At chemotherapy	-	8 (2,75%)
When necessary	2 (40,0%)	117 (40,2%)
Never	-	39 (13,4%)
Unknown	-	14 (4,81%)
Missing	-	50 (17,2%)
Other (nutritional intake)		
Regularly	-	14 (4,81%)
At chemotherapy	-	1 (0,34%)
When necessary	1 (20,0%)	62 (21,3%)
Never	2 (40,0%)	46 (15,8%)
Unknown	1 (20,0%)	35 (12,0%)
Missing	1 (20,0%)	133 (45,7%)
Questionnaire completed by		
Dietitian	1 (20,0%)	128 (44,0%)
Nurse	1 (20,0%)	69 (23,7%)
Physician	-	56 (19,2%)
Nutritional scientist	2 (40,0%)	30 (10,3%)
Other	1 (20,0%)	2 (0,69%)
Missing	-	6 (2,06%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	80	2862
Demographic data:		
Age (years)	59 [23-100]	64 [18-120]
Female gender	45 (56,3%)	1301 (45,5%)
Weight (kg)	62,9 ± 12,3	67,0 ± 16,8
Height (cm)	162,8 ± 8,7	165,5 ± 9,8
BMI (kg/m ²)	23,6 ± 4,1	24,3 ± 5,0
Outpatient (o)/Ward (w)		
Outpatient(o)	16 (20,0%)	118 (4,12%)
Ward (w)	64 (80,0%)	2736 (95,6%)
Missing	-	8 (0,28%)
Goal of Therapy		
Curative	66 (82,5%)	1803 (63,0%)
Palliative	12 (15,0%)	895 (31,3%)
Terminal	2 (2,50%)	96 (3,35%)
Missing	-	68 (2,38%)
Reason for admission		
Clinical diagnostics	12 (15,0%)	368 (12,9%)
Therapy	32 (40,0%)	1326 (46,3%)
Surgery related	14 (17,5%)	515 (18,0%)
Treatment complications	3 (3,75%)	409 (14,3%)
Poor health status	18 (22,5%)	386 (13,5%)
Independent care difficult	1 (1,25%)	25 (0,87%)
Missing	-	2 (0,07%)
Present cancer diagnosis		
Breast	2 (2,50%)	223 (7,79%)
Colon, rectum	6 (7,50%)	395 (13,8%)
Prostate	1 (1,25%)	107 (3,74%)
Lung	1 (1,25%)	306 (10,7%)
Skin	1 (1,25%)	25 (0,87%)
Kidney/bladder	1 (1,25%)	126 (4,40%)
Gastric/oesophageal	7 (8,75%)	291 (10,2%)
Pancreas	2 (2,50%)	133 (4,65%)
Lymphoma	25 (31,3%)	232 (8,11%)
Ears nose throat (ENT)	1 (1,25%)	114 (3,98%)
Leukaemia	21 (26,3%)	241 (8,42%)

Genital tract	-	115 (4,02%)
Liver	-	194 (6,78%)
Sarcoma	3 (3,75%)	47 (1,64%)
Brain	-	47 (1,64%)
Testicular	-	19 (0,66%)
Other	11 (13,8%)	332 (11,6%)
Missing	-	42 (1,47%)

Time since diagnosis

0-2 months	25 (31,3%)	823 (28,8%)
3-5 months	12 (15,0%)	486 (17,0%)
6-12 months	28 (35,0%)	494 (17,3%)
1-2 years	5 (6,25%)	371 (13,0%)
2-4 years	7 (8,75%)	272 (9,50%)
> 4 years	3 (3,75%)	297 (10,4%)
Missing	-	69 (2,41%)

Cancer staging

0=Carcinoma in situ	16 (20,0%)	141 (4,93%)
I=Localized	24 (30,0%)	540 (18,9%)
II=Early locally advanced	11 (13,8%)	482 (16,8%)
III=Late locally advanced	12 (15,0%)	436 (15,2%)
IV=Metastasised	17 (21,3%)	871 (30,4%)
Missing	-	392 (13,7%)

Time since first therapy start

No therapy	18 (22,5%)	237 (8,28%)
Tumour staging/diagnosis	7 (8,75%)	311 (10,9%)
0-2 months	15 (18,8%)	814 (28,4%)
3-5 months	7 (8,75%)	381 (13,3%)
6-12 months	18 (22,5%)	422 (14,7%)
1-2 years	7 (8,75%)	298 (10,4%)
2-4 years	5 (6,25%)	223 (7,79%)
> 4 years	3 (3,75%)	228 (7,97%)
Missing	-	60 (2,10%)

Therapy situation

Diagnosis	13 (16,3%)	309 (10,8%)
Chemotherapy 1st line	15 (18,8%)	622 (21,7%)
Chemotherapy > 1st line	26 (32,5%)	518 (18,1%)
Radiotherapy	1 (1,25%)	271 (9,47%)
Target therapy	1 (1,25%)	74 (2,59%)
Hormone therapy	-	31 (1,08%)
Palliative	7 (8,75%)	242 (8,46%)

Surgery	13 (16,3%)	632 (22,1%)
Cancer related complications	3 (3,75%)	285 (9,96%)
Therapy related complications	-	119 (4,16%)
Missing	1 (1,25%)	64 (2,24%)

Infections

None	51 (63,8%)	2103 (73,5%)
Local	26 (32,5%)	430 (15,0%)
General	3 (3,75%)	241 (8,42%)
Missing	-	88 (3,07%)

Nutrition Treatment

No special diet	10 (12,5%)	1203 (42,0%)
Individualized diet plan	23 (28,8%)	798 (27,9%)
Energy rich/protein rich ONS	13 (16,3%)	577 (20,2%)
Enteral nutrition (via NGT/PEG)	4 (5,00%)	143 (5,00%)
Parenteral nutrition	9 (11,3%)	213 (7,44%)
ONS enriched with special nutrients	6 (7,50%)	103 (3,60%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	39 (1,36%)
Personal preferences	10 (12,5%)	324 (11,3%)
Counselling	-	214 (7,48%)
Other	8 (10,0%)	117 (4,09%)
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:	79	2832
Body weight prior to becoming ill	70 [54-100]	70 [17-196]
Actual body weight	66 [34-176]	65 [11-196]
Change in weight was		
Intentional	2 (2,50%)	129 (4,51%)
Unintentional	58 (72,5%)	1854 (64,8%)
Weight is stable	8 (10,0%)	476 (16,6%)
Missing	1 (1,25%)	89 (3,11%)
During the last week		
Patients who have had pain:		
Not at all	22 (27,5%)	962 (33,6%)
A little	18 (22,5%)	867 (30,3%)
Quite a bit	22 (27,5%)	476 (16,6%)
Very much	9 (11,3%)	340 (11,9%)
Missing	5 (6,25%)	196 (6,85%)
Patients who needed a rest:		
Not at all	26 (32,5%)	590 (20,6%)
A little	20 (25,0%)	881 (30,8%)
Quite a bit	15 (18,8%)	679 (23,7%)
Very much	10 (12,5%)	480 (16,8%)
Missing	5 (6,25%)	204 (7,13%)
Patients who felt weak:		
Not at all	17 (21,3%)	600 (21,0%)
A little	20 (25,0%)	891 (31,1%)
Quite a bit	21 (26,3%)	682 (23,8%)
Very much	13 (16,3%)	472 (16,5%)
Missing	5 (6,25%)	197 (6,88%)
Patients who felt depressed:		
Not at all	27 (33,8%)	1073 (37,5%)
A little	25 (31,3%)	858 (30,0%)
Quite a bit	8 (10,0%)	429 (15,0%)
Very much	11 (13,8%)	251 (8,77%)
Missing	5 (6,25%)	209 (7,30%)

Patients who were tired:

Not at all	17 (21,3%)	621 (21,7%)
A little	21 (26,3%)	927 (32,4%)
Quite a bit	21 (26,3%)	643 (22,5%)
Very much	12 (15,0%)	444 (15,5%)
Missing	5 (6,25%)	200 (6,99%)

Patients whose pain interfered with their daily activities:

Not at all	31 (38,8%)	1081 (37,8%)
A little	6 (7,50%)	684 (23,9%)
Quite a bit	16 (20,0%)	480 (16,8%)
Very much	18 (22,5%)	365 (12,8%)
Missing	5 (6,25%)	215 (7,51%)

Patients who lacked appetite:

Not at all	23 (28,8%)	980 (34,2%)
A little	20 (25,0%)	721 (25,2%)
Quite a bit	16 (20,0%)	507 (17,7%)
Very much	12 (15,0%)	418 (14,6%)
Missing	5 (6,25%)	206 (7,20%)

Just now**Patients who have pain:**

Not at all	36 (45,0%)	1172 (41,0%)
A little	22 (27,5%)	967 (33,8%)
Quite a bit	9 (11,3%)	355 (12,4%)
Very much	4 (5,00%)	138 (4,82%)
Missing	5 (6,25%)	205 (7,16%)

Patients who need a rest:

Not at all	26 (32,5%)	616 (21,5%)
A little	24 (30,0%)	1030 (36,0%)
Quite a bit	13 (16,3%)	635 (22,2%)
Very much	8 (10,0%)	332 (11,6%)
Missing	5 (6,25%)	219 (7,65%)

Patients who feel weak:

Not at all	17 (21,3%)	724 (25,3%)
A little	31 (38,8%)	964 (33,7%)
Quite a bit	14 (17,5%)	606 (21,2%)
Very much	9 (11,3%)	321 (11,2%)
Missing	5 (6,25%)	217 (7,58%)

Patients who are depressed:

Not at all	39 (48,8%)	1215 (42,5%)
A little	21 (26,3%)	857 (29,9%)
Quite a bit	7 (8,75%)	350 (12,2%)
Very much	4 (5,00%)	179 (6,25%)
Missing	5 (6,25%)	221 (7,72%)

Patients who are tired:

Not at all	25 (31,3%)	745 (26,0%)
A little	29 (36,3%)	1024 (35,8%)
Quite a bit	8 (10,0%)	536 (18,7%)
Very much	9 (11,3%)	299 (10,4%)
Missing	5 (6,25%)	223 (7,79%)

Patients whose pain interferes with their daily activities:

Not at all	32 (40,0%)	1157 (40,4%)
A little	19 (23,8%)	748 (26,1%)
Quite a bit	12 (15,0%)	409 (14,3%)
Very much	8 (10,0%)	273 (9,54%)
Missing	5 (6,25%)	239 (8,35%)

Patients who lack appetite:

Not at all	36 (45,0%)	1071 (37,4%)
A little	16 (20,0%)	757 (26,5%)
Quite a bit	9 (11,3%)	459 (16,0%)
Very much	8 (10,0%)	303 (10,6%)
Missing	7 (8,75%)	233 (8,14%)

Reasons for change in appetite/food intake

Nausea/Vomiting	21 (26,3%)	552 (19,3%)
Inflammation in mouth	1 (1,25%)	129 (4,51%)
Pain	14 (17,5%)	406 (14,2%)
Constipation	3 (3,75%)	248 (8,67%)
Diarrhea	3 (3,75%)	178 (6,22%)
Change in taste/smell	5 (6,25%)	415 (14,5%)
Early satiation/Loss of appetite	16 (20,0%)	663 (23,2%)
Other	28 (35,0%)	441 (15,4%)
Missing	-	97 (3,39%)

Maximum activity performed by patients

Able to do sports	3 (3,75%)	121 (4,23%)
Fully active	11 (13,8%)	370 (12,9%)
Able to carry out light activities	16 (20,0%)	646 (22,6%)
Able to carry out self care	16 (20,0%)	732 (25,6%)
Able to carry out limited self care	14 (17,5%)	403 (14,1%)

Confined to bed or chair	11 (13,8%)	372 (13,0%)
Missing	5 (6,25%)	207 (7,23%)
Patient takes additional (without prescription)		
Nothing	49 (61,3%)	1841 (64,3%)
Herbal tea	5 (6,25%)	259 (9,05%)
Nutritional supplements	5 (6,25%)	274 (9,57%)
Multivitamin	3 (3,75%)	134 (4,68%)
Other medication	7 (8,75%)	98 (3,42%)
Other	5 (6,25%)	131 (4,58%)
Missing	9 (11,3%)	235 (8,21%)
Additional activities performed		
Nothing	57 (71,3%)	2056 (71,8%)
Psychotherapy	3 (3,75%)	65 (2,27%)
Yoga	1 (1,25%)	38 (1,33%)
Meditation	1 (1,25%)	112 (3,91%)
Progressive muscle relaxation	4 (5,00%)	46 (1,61%)
Qigong	-	8 (0,28%)
Other	6 (7,50%)	318 (11,1%)
Missing	8 (10,0%)	270 (9,43%)
Patients having difficulties in complying with treatment	28 (35,0%)	632 (22,1%)
Patients needing help to complete questionnaire	37 (46,3%)	1569 (54,8%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	65 (81,3%)	1913 (66,8%)

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1. Are you COVID-19 positive TODAY?

Yes	13 (1.4%)	-
No	795 (87.8%)	-
I do not know	92 (10.2%)	-
Missing	5 (0.55%)	-

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

0-3 months	11 (1.2%)	-
3-6 months	33 (3.6%)	-
6-12 months	40 (4.4%)	-
>1 year	51 (5.6%)	-
never	275 (30.4%)	-
I do not know	21 (2.3%)	-
Missing	474 (52.4%)	-

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

Yes	25 (2.8%)	-
No	754 (83.3%)	-
I do not know	60 (6.6%)	-
Missing	66 (7.3%)	-