



nutritionDay
WORLDWIDE

Country Report
nutritionDay 2023
Austria

Dear participant,

Thank you for participating to nutritionDay worldwide in 2023. Your country report consists of the following sample size:

Number of participated center:	6
Number of participated units:	11
Number of patients:	182
Number of patients who gave consent:	171
Number of patients completing Sheet 3a:	169
Number of patients completing Sheet 3b:	166
Number of cancer patients:	64
Number of patients completing Sheet 2_onco:	61
Number of patients completing Sheet 3_onco:	61
Number of patients with 30-day outcome assessment:	168

This report compares your country to the international reference database based on data from nutritionDay 2019-2022.

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 2024! 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	1706 [667-1706]	334 [166-596]
2. Total number of admissions in the hospital last year	44500 [36009-60175]	15756 [6943-30258]
3. Total number of staff in the hospital		
Total medical doctors	1500 [348-1631]	200 [83-461]
Medical specialists	235 [205-1631]	129 [42-350]
Medical non-specialists	70 [46-74]	51 [15-151]
Nurses	560 [149-2678]	410 [142-815]
Dieticians	23 [7-28]	2 [0-9]
Nutritionists	13 [7-19]	3 [1-8]
Pharmacists	13 [9-29]	7 [3-17]
Kitchen staff	115 [60-163]	28 [9-60]
Full time equivalent		
Total medical doctors	56 [36-175]	199 [71-382]
Medical specialists	192 [115-221]	134 [45-306]
Medical non-specialists	60 [39-74]	87 [19-175]
Nurses	125 [101-305]	394 [134-672]
Dieticians	5 [3-19]	2 [0-7]
Nutritionists	52 [52-52]	2 [1-5]
Pharmacists	9 [6-32]	6 [2-15]
Kitchen staff	120 [65-164]	24 [3-48]
4. Does the hospital have a nutrition care strategy?	3 (50.0%) Yes	101 (78.3%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	5 (83.3%) Yes	82 (45.8%) Yes
Nutrition steering committee is available	2 (33.3%) Yes	61 (34.1%) Yes
Quality indicators are recorded and reported to national or regional level	2 (33.3%) Yes	42 (23.5%) Yes
Quality indicators are used for internal benchmarking	4 (66.7%) Yes	59 (33.0%) Yes
Patient feedback about food and food service is collected using a questionnaire	2 (33.3%) Yes	90 (50.3%) Yes
None	1 (16.7%) Yes	15 (8.4%) Yes
No answer given	1 (16.7%)	50 (27.9%)
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	4 (66.7%) Yes	74 (41.3%) Yes

Oral nutrition supplements	-	74 (41.3%) Yes
Parenteral nutrition	3 (50.0%) Yes	88 (49.2%) Yes
Enteral nutrition	3 (50.0%) Yes	88 (49.2%) Yes
Dietary counseling	5 (83.3%) Yes	58 (32.4%) Yes
Specific dietary interventions	4 (66.7%) Yes	51 (28.5%) Yes
Screening for malnutrition	1 (16.7%) Yes	53 (29.6%) Yes
Risk of malnutrition	1 (16.7%) Yes	47 (26.3%) Yes
Malnutrition (in general)	3 (50.0%) Yes	67 (37.4%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	1 (16.7%) Yes	58 (32.4%) Yes
No information available from billing/finance/controlling	1 (16.7%) Yes	19 (10.6%) Yes
No answer given	-	52 (7.9%)

Codes routinely used

Nutrition Support	3 (50.0%) Yes	69 (38.5%) Yes
Oral nutrition supplements	1 (16.7%) Yes	60 (33.5%) Yes
Parenteral nutrition	3 (50.0%) Yes	79 (44.1%) Yes
Enteral nutrition	2 (33.3%) Yes	76 (42.5%) Yes
Dietary counseling	4 (66.7%) Yes	45 (25.1%) Yes
Specific dietary interventions	4 (66.7%) Yes	45 (25.1%) Yes
Screening for malnutrition	1 (16.7%) Yes	42 (23.5%) Yes
Risk of malnutrition	1 (16.7%) Yes	36 (20.1%) Yes
Malnutrition (in general)	3 (50.0%) Yes	56 (31.3%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	1 (16.7%) Yes	54 (30.2%) Yes
No information available from billing/finance/controlling	2 (33.3%) Yes	23 (12.8%) Yes
No answer given	-	52 (7.9%)

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	2 (18.2%)	20.4%
Internal Medicine / Cardiology	1 (9.1%)	4.1%
Internal Medicine / Gastroenterology & hepatology	2 (18.2%)	5.5%
Internal Medicine / Geriatrics	-	7.8%
Internal Medicine / Infectious diseases	-	0.7%
Internal Medicine / Nephrology	-	1.7%
Internal Medicine / Oncology (incl. radiotherapy)	3 (27.3%)	8.3%
Interdisciplinary	1 (9.1%)	4.0%
Long term care	-	2.3%
Neurology	-	2.6%
Surgery / General	-	14.2%
Surgery/ Cardiac/Vascular/Thoracic	1 (9.1%)	1.8%
Surgery / Neurosurgery	-	0.4%
Surgery / Orthopedic	-	3.9%
Trauma	-	0.5%
Ear Nose Throat (ENT)	-	1.1%
Gynecology / Obstetrics	1 (9.1%)	2.1%
Pediatrics	-	0.7%
Psychiatry	-	1.0%
Others	-	16.9%
2. Number of registered inpatients at noon	18 [17-19]	22 [17-30]
3. Total bed capacity of the unit	24 [23-25]	30 [24-41]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	2 [1-3]	4 [2-6]
Nurses	4 [4-5]	4 [3-6]
Nursing aides	2 [2-2]	2 [1-4]
Dieticians	2 [1-3]	1 [0-1]
Nutritionists	2 [2-3]	1 [0-1]
Administrative staff	1 [1-1]	1 [1-2]
Other staff involved in patient care	1 [1-2]	1 [0-3]
In training		
Medical doctors	2 [2-3]	1 [0-3]
Medical students	2 [2-2]	0 [0-2]
Nurses	2 [1-2]	0 [0-2]

Nursing aides	23 [23-23]	0 [0-0]
Dieticians	2 [2-2]	0 [0-0]
Nutritionists	4 [4-4]	0 [0-0]
Other staff involved in patient care	8 [8-8]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 6 (54.5%) Yes 762 (81.5%) Yes

6. Does the unit have a nutrition care strategy? 4 (36.3%) Yes 717 (76.7%) Yes

7. Is there a person in your unit responsible for nutrition care? 6 (54.5%) Yes 674 (72.1%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 10 (90.9%) Yes 1086 (91.8%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 5 (45.5%) Yes 508 (54.3%) Yes

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

At admission

No routine screening	3 (27.3%) Yes	119 (9.4%) Yes
No fixed criteria	-	25 (2.0%) Yes
Experience / visual assessment only	1 (9.1%) Yes	78 (6.2%) Yes
Weighing / BMI only	2 (18.2%) Yes	184 (14.5%) Yes
Nutritional Risk Screening (NRS) 2002	2 (18.2%) Yes	440 (34.7%) Yes
Malnutrition Universal Screening Tool (MUST)	-	85 (6.7%) Yes
Malnutrition Screening tool (MST)	-	91 (7.2%) Yes
SNAQ	-	8 (0.63%) Yes
Other formal tool	2 (18.2%) Yes	146 (11.5%) Yes
I do not know	1 (9.1%) Yes	7 (0.55%) Yes
Missing	-	85 (6.7%)

During hospital stay

No routine monitoring	3 (27.3%) Yes	124 (9.8%) Yes
No fixed criteria	-	103 (8.1%) Yes
Experience / visual assessment only	-	180 (14.2%) Yes
Weighing / BMI only	6 (54.5%) Yes	414 (32.6%) Yes
Other formal tool	1 (9.1%) Yes	340 (26.8%) Yes
I do not know	1 (9.1%) Yes	22 (1.7%) Yes
Missing	-	85 (6.7%)

11a. Do you routinely use guidelines or standards for nutrition care? 7 (63.6%) Yes 755 (83.3%) Yes

11b. If yes, which one is mainly used?		
International guidelines	5 (71.4%) Yes	303 (40.1%) Yes
National guidelines	1 (14.3%) Yes	63 (8.3%) Yes
Standards on hospital level	-	240 (31.8%) Yes
Standards on unit level	-	44 (5.8%) Yes
Individual patient nutrition care plans	1 (14.3%) Yes	87 (11.5%) Yes
Other	-	3 (0.40%) Yes
Missing	-	15 (2.0%)

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

At risk

Watchful waiting	3 (27.3%) Yes	284 (22.4%) Yes
Discuss nutrition care activities during ward rounds	2 (18.2%) Yes	462 (36.4%) Yes
Develop an individual nutrition care plan	4 (36.4%) Yes	493 (38.9%) Yes
Initiate treatment / nutrition intervention	7 (63.6%) Yes	555 (43.8%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	6 (54.5%) Yes	519 (40.9%) Yes
Consult a medical professional	1 (9.1%) Yes	282 (22.2%) Yes
Calculate energy requirements	4 (36.4%) Yes	453 (35.7%) Yes
Calculate protein requirements	5 (45.5%) Yes	439 (34.6%) Yes

Malnourished

Watchful waiting	1 (9.1%) Yes	209 (16.5%) Yes
Discuss nutrition care activities during ward rounds	4 (36.4%) Yes	495 (39.0%) Yes
Develop an individual nutrition care plan	6 (54.5%) Yes	564 (44.5%) Yes
Initiate treatment / nutrition intervention	6 (54.5%) Yes	638 (50.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	6 (54.5%) Yes	589 (46.5%) Yes
Consult a medical professional	2 (18.2%) Yes	392 (30.9%) Yes
Calculate energy requirements	6 (54.5%) Yes	564 (44.5%) Yes
Calculate protein requirements	5 (45.5%) Yes	541 (42.7%) Yes

Every patient

Watchful waiting	1 (9.1%) Yes	451 (35.6%) Yes
Discuss nutrition care activities during ward rounds	3 (27.3%) Yes	279 (22.0%) Yes
Develop an individual nutrition care plan	1 (9.1%) Yes	176 (13.9%) Yes
Initiate treatment / nutrition intervention	-	165 (13.0%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	241 (19.0%) Yes
Consult a medical professional	1 (9.1%) Yes	309 (24.4%) Yes
Calculate energy requirements	-	144 (11.4%) Yes
Calculate protein requirements	-	141 (11.1%) Yes

Never

Watchful waiting	4 (36.4%) Yes	144 (11.4%) Yes
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Discuss nutrition care activities during ward rounds	-	56 (4.4%) Yes
Develop an individual nutrition care plan	-	70 (5.5%) Yes
Initiate treatment / nutrition intervention	1 (9.1%) Yes	33 (2.6%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (9.1%) Yes	15 (1.2%) Yes
Consult a medical professional	3 (27.3%) Yes	111 (8.8%) Yes
Calculate energy requirements	1 (9.1%) Yes	99 (7.8%) Yes
Calculate protein requirements	1 (9.1%) Yes	112 (8.8%) Yes

I do not know

Watchful waiting	-	61 (4.8%) Yes
Discuss nutrition care activities during ward rounds	1 (9.1%) Yes	32 (2.5%) Yes
Develop an individual nutrition care plan	-	38 (3.0%) Yes
Initiate treatment / nutrition intervention	1 (9.1%) Yes	29 (2.3%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (9.1%) Yes	22 (1.7%) Yes
Consult a medical professional	3 (27.3%) Yes	62 (4.9%) Yes
Calculate energy requirements	-	45 (3.5%) Yes
Calculate protein requirements	-	50 (3.9%) Yes

13. When do you routinely weigh your patients?

at admission	10 (90.9%) Yes	727 (57.3%) Yes
Within 24 hours	2 (18.2%) Yes	142 (11.2%) Yes
Within 48 hours	-	102 (8.0%) Yes
Within 72 hours	-	33 (2.6%) Yes
Every week	5 (45.5%) Yes	450 (35.5%) Yes
Occasionally	1 (9.1%) Yes	149 (11.8%) Yes
When requested	3 (27.3%) Yes	655 (51.7%) Yes
At discharge	-	68 (5.4%) Yes
Never	-	11 (0.87%) Yes
I do not know	1 (9.1%) Yes	12 (0.95%) Yes
No answer given	-	85 (6.7%)

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

Offer additional meals or in between snacks	6 (54.5%) Yes	925 (72.9%) Yes
Offer meal choices	7 (63.6%) Yes	784 (61.8%) Yes
Offer different portion sizes	6 (54.5%) Yes	687 (54.2%) Yes
Consider food presentation	1 (9.1%) Yes	374 (29.5%) Yes
Change food texture/consistency as needed	8 (72.7%) Yes	971 (76.6%) Yes
Consider patient problems with eating and drinking	7 (63.6%) Yes	970 (76.5%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	1 (9.1%) Yes	277 (21.8%) Yes
Promote positive eating environment	3 (27.3%) Yes	315 (24.8%) Yes
Consider cultural/religious preferences	7 (63.6%) Yes	833 (65.7%) Yes
Consider patient allergies / intolerances	8 (72.7%) Yes	995 (78.5%) Yes
Other	2 (18.2%) Yes	78 (6.2%) Yes

I do not know	3 (27.3%) Yes	25 (2.0%) Yes
No answer given	-	85 (6.7%)

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

Nutrition training is available	4 (36.4%) Yes	605 (47.7%) Yes
Reporting of nutrition related information to hospital managers	3 (27.3%) Yes	378 (29.8%) Yes
Quality indicators are recorded and reported to national or regional level	1 (9.1%) Yes	224 (17.7%) Yes
Quality indicators are used for internal benchmarking	2 (18.2%) Yes	325 (25.6%) Yes
Patient feedback about food and food service is collected using a questionnaire	4 (36.4%) Yes	557 (43.9%) Yes
None	1 (9.1%) Yes	57 (4.5%) Yes
I do not know	2 (18.2%) Yes	37 (2.9%) Yes
No answer given	3 (27.3%)	333 (26.3%)

16. At admission what is asked and documented?

Change in weight	8 (72.7%) Yes	804 (63.4%) Yes
Eating habits/difficulties	6 (54.5%) Yes	686 (54.1%) Yes
Nutrition before admission	5 (45.5%) Yes	502 (39.6%) Yes
None	1 (9.1%) Yes	31 (2.4%) Yes
I do not know	1 (9.1%) Yes	42 (3.3%) Yes
No answer given	3 (27.3%)	333 (26.3%)

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	5 (45.5%) Yes	747 (58.9%) Yes
nutrition treatment	6 (54.5%) Yes	525 (41.4%) Yes
None	1 (9.1%) Yes	78 (6.2%) Yes
I do not know	2 (18.2%) Yes	31 (2.4%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	2 (18.2%) Yes	498 (39.3%) Yes
makes future nutrition-related recommendations	3 (27.3%) Yes	592 (46.7%) Yes
None	1 (9.1%) Yes	86 (6.8%) Yes
I do not know	4 (36.4%) Yes	82 (6.5%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	5 (62.5%) Yes	390 (45.0%) Yes
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19. Who filled in this sheet?

Head staff	6 (54.5%) Yes	276 (21.8%) Yes
Dietician	7 (63.6%) Yes	457 (36.0%) Yes
Nurse	1 (9.1%) Yes	234 (18.5%) Yes

Physician	2 (18.2%) Yes	109 (8.6%) Yes
Administrative staff	-	22 (1.7%) Yes
Other	-	95 (7.5%) Yes
None	-	10 (0.79%) Yes
I do not know	1 (9.1%) Yes	13 (1.0%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	171	24925
Age	66 [58-80]	64 [47-77]
Female	90 (52.6%)	11998 (48.1%)
Weight	79.0±20.8	71.0±18.5
Height	170±10	166±10
BMI	27.2±6.7	25.8±5.9

1. This hospital admission was...

planned	99 (57.9%)	8482 (34.0%)
an emergency	69 (40.4%)	15200 (61.0%)
I do not know	3 (1.8%)	1243 (5.0%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	27 (15.8%)	2684 (10.8%)
0200 Neoplasms	52 (30.4%)	4086 (16.4%)
0300 Blood and bloodforming organs and the immune mechanism	41 (24.0%)	1399 (5.6%)
0400 Endocrine, nutritional and metabolic diseases	37 (21.6%)	3091 (12.4%)
0500 Mental health	15 (8.8%)	915 (3.7%)
0600 Nervous system	14 (8.2%)	2295 (9.2%)
0700 Eye and adnexa	4 (2.3%)	196 (0.79%)
0800 Ear and mastoid process	1 (0.58%)	136 (0.55%)
0900 Circulatory system	67 (39.2%)	4794 (19.2%)
1000 Respiratory system	21 (12.3%)	3073 (12.3%)
1100 Digestive system	40 (23.4%)	5186 (20.8%)
1200 Skin and subcutaneous tissue	12 (7.0%)	1140 (4.6%)
1300 Musculoskeletal system and connective tissue	31 (18.1%)	4061 (16.3%)
1400 Genitourinary system	37 (21.6%)	2576 (10.3%)
1500 Pregnancy, childbirth and the puerperium	2 (1.2%)	659 (2.6%)
1600 Conditions originating in the perinatal period	1 (0.58%)	33 (0.13%)
1700 Congenital/chromosomal abnormalities	-	60 (0.24%)
1800 Symptoms, signs, abnormal clinical/lab findings	13 (7.6%)	1481 (5.9%)
1900 Injury, poisoning	2 (1.2%)	821 (3.3%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	1 (0.58%)	722 (2.9%)
2100 Factors influencing health status and contact with health services	6 (3.5%)	947 (3.8%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	28 (17.0%)	4157 (17.9%)
Myocardial infarction	7 (4.2%)	1170 (5.1%)
Chronic lung disease	19 (11.6%)	2384 (10.3%)
Cerebral vascular disease	16 (9.8%)	1781 (7.7%)
Peripheral vascular disease	30 (18.3%)	2332 (10.1%)
Chronic liver disease	21 (12.8%)	1354 (5.9%)
Chronic kidney disease	23 (14.0%)	2949 (12.8%)
Diabetes	31 (19.1%)	5896 (25.3%)
Cancer	64 (39.3%)	4775 (20.7%)
Infection	24 (14.8%)	3183 (13.8%)
Dementia	4 (2.5%)	888 (3.9%)
Major depressive disorder	5 (3.1%)	1000 (4.4%)
Other chronic mental disorder	8 (4.9%)	986 (4.3%)
Other chronic disease	33 (20.4%)	7288 (31.2%)
None	35 (20.5%)	5060 (20.3%)

4a. Previous operation during this hospital stay

Yes, planned	32 (18.7%)	4133 (16.6%)
Yes, acute	6 (3.5%)	1929 (7.7%)
No	110 (64.3%)	13886 (55.7%)
I do not know	-	164 (0.66%)
Missing	23 (13.5%)	4813 (19.3%)

Days since operation	3 [1-10]	4 [1-14]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	5 (2.9%)	2384 (9.6%)
Yes, later	7 (4.1%)	1452 (5.8%)
No	134 (78.4%)	15545 (62.4%)
I do not know	1 (0.58%)	333 (1.3%)
Missing	24 (14.0%)	5211 (20.9%)

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

13 (8.2%)	2361 (11.6%)
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6. Is this patient terminally ill?

41 (24.0%)	2137 (8.6%)
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7. Fluid status

Normal	136 (79.5%)	19805 (79.5%)
Overloaded	14 (8.2%)	975 (3.9%)
Dehydrated	9 (5.3%)	1471 (5.9%)
I do not know	12 (7.0%)	2674 (10.7%)
Missing	-	-

8. Number of different medications planned

Oral	6 [3-9]	4 [2-7]
Other	2 [1-3]	2 [1-4]

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

Malnourished	22 (12.9%)	3279 (13.2%)
At risk	24 (14.0%)	5283 (21.2%)
No	125 (73.1%)	14990 (60.1%)
I do not know	-	1373 (5.5%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	67 (39.2%)	8543 (34.3%)
5% Glucose solution	1 (0.58%)	1473 (5.9%)

11. Number of ONS drinks planned

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

12. Nutrition intake

Regular hospital food	123 (71.9%)	15627 (62.7%)
Fortified/enriched hospital food	29 (17.0%)	2936 (11.8%)
Protein/energy supplement (e.g. ONS drinks)	39 (22.8%)	4305 (17.3%)
Enteral nutrition	19 (11.1%)	1259 (5.1%)
Parenteral nutrition	7 (4.1%)	785 (3.1%)
Special diet	25 (14.6%)	6593 (26.5%)
None	5 (2.9%)	968 (3.9%)

13a. All lines and Tubes

Central Venous	61 (38.6%)	2145 (10.5%)
Peripheral venous access	85 (53.8%)	11975 (58.9%)
Nasogastric	4 (2.5%)	567 (2.8%)
Nasojejunal	3 (1.9%)	101 (0.50%)
Nasoduodenal	6 (3.8%)	40 (0.20%)
Enterostoma	6 (3.8%)	77 (0.38%)
Percutaneous endoscopy/surgical gastrostomy	8 (5.1%)	271 (1.3%)
Percutaneous endoscopy/surgical jejunostomy	7 (4.4%)	63 (0.31%)
None	23 (13.5%)	11051 (44.3%)

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

Yes, previously	5 (2.9%)	282 (1.1%)
Yes, ongoing	-	180 (0.72%)
No	136 (79.5%)	17744 (71.2%)
I do not know	4 (2.3%)	1404 (5.6%)
Missing	26 (15.2%)	5315 (21.3%)

14. Please indicate if any of the following was done for this patient since admission		
Energy requirements were determined	43 (27.2%)	7973 (39.2%)
Protein requirements were determined	33 (20.9%)	7515 (37.0%)
Food/Nutrition intake was recorded in the patient record	29 (18.4%)	9150 (45.0%)
Nutrition treatment plan was developed	34 (21.5%)	8137 (40.0%)
Nutrition expert was consulted	37 (23.4%)	8633 (42.5%)
Malnutrition status is recorded in the patient record	36 (22.8%)	7308 (35.9%)
None	-	-

15a. Energy goal		
< 500 kcal	14 (8.2%)	445 (1.8%)
500-999 kcal	-	210 (0.84%)
1000-1499 kcal	8 (4.7%)	1767 (7.1%)
1500-1999 kcal	29 (17.0%)	6430 (25.8%)
>=2000 kcal	20 (11.7%)	3687 (14.8%)
Not determined	74 (43.3%)	6548 (26.3%)
I do not know	13 (7.6%)	1248 (5.0%)
Missing	13 (7.6%)	4590 (18.4%)

15b. Energy intake		
< 500 kcal	20 (11.7%)	1070 (4.3%)
500-999 kcal	-	1366 (5.5%)
1000-1499 kcal	14 (8.2%)	2751 (11.0%)
1500-1999 kcal	21 (12.3%)	4599 (18.5%)
>=2000 kcal	13 (7.6%)	2469 (9.9%)
Not determined	74 (43.3%)	6254 (25.1%)
I do not know	16 (9.4%)	1824 (7.3%)
Missing	13 (7.6%)	4592 (18.4%)

16. Since admission, this patient's health status has...		
Improved	71 (41.5%)	11134 (44.7%)
Deteriorated	13 (7.6%)	1331 (5.3%)
Remained the same	56 (32.7%)	5023 (20.2%)
This patient has just been admitted	15 (8.8%)	1445 (5.8%)
I do not know	3 (1.8%)	1402 (5.6%)
Missing	13 (7.6%)	4590 (18.4%)

Length of hospital stay (days)	11 [5-18]	13 [6-25]
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Outcome Code		
1= Still in the hospital	7 (4.1%)	2848 (11.4%)
2= Transferred to another hospital	1 (0.58%)	526 (2.1%)
3= Transferred to long term care	4 (2.3%)	653 (2.6%)

4= Rehabilitation	4 (2.3%)	606 (2.4%)
5= Discharged home	142 (83.0%)	18641 (74.8%)
6= Death	9 (5.3%)	956 (3.8%)
7= Others	1 (0.58%)	536 (2.2%)
Missing	3 (1.8%)	159 (0.64%)

Readmitted since nutritionDay

1= No	99 (61.9%)	16520 (77.3%)
2= Yes, same hospital planned	45 (28.1%)	1353 (6.3%)
3= Yes, same hospital unplanned	6 (3.8%)	1110 (5.2%)
4= Yes, different hospital planned	-	80 (0.37%)
5= Yes, different hospital unplanned	-	80 (0.37%)
6= Unknown	-	485 (2.3%)
Missing	9 (5.6%)	1675 (7.8%)

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	115 (68.0%)	14107 (57.7%)
I am vegetarian	13 (7.7%)	445 (1.8%)
I adhere to a vegan diet	1 (0.59%)	79 (0.32%)
I eat gluten-free diet	4 (2.4%)	210 (0.86%)
I avoid added sugars	33 (19.5%)	3287 (13.4%)
I avoid carbohydrates	5 (3.0%)	1220 (5.0%)
I eat a low fat-diet	23 (13.6%)	2101 (8.6%)
I am lactose intolerant	4 (2.4%)	816 (3.3%)
Other special diet due to intolerances/allergies	6 (3.6%)	421 (1.7%)
Other	14 (8.3%)	1522 (6.2%)
No answer given	14 (8.3%)	4719 (19.3%)
2. Where did you live before your current hospital admission?		
At home	136 (80.5%)	17544 (71.7%)
In a nursing home or other live-in facility	5 (3.0%)	469 (1.9%)
I was transferred from another hospital	7 (4.1%)	1456 (6.0%)
Other	-	339 (1.4%)
Missing	21 (12.4%)	4644 (19.0%)
3. In general, are you able to walk?		
Yes	104 (61.5%)	12349 (50.5%)
Yes, with someone's help	7 (4.1%)	2256 (9.2%)
Yes, independently using a cane, walker, or crutches	26 (15.4%)	2560 (10.5%)
No, I have a wheelchair	5 (3.0%)	859 (3.5%)
No, I am bedridden	5 (3.0%)	1677 (6.9%)
Missing	22 (13.0%)	4751 (19.4%)
4. In general, how would you say your health is?		
Very good	16 (9.5%)	1759 (7.2%)
Good	41 (24.3%)	7718 (31.6%)
Fair	59 (34.9%)	7368 (30.1%)
Poor	25 (14.8%)	2474 (10.1%)
Very poor	8 (4.7%)	414 (1.7%)
Missing	20 (11.8%)	4719 (19.3%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	5 [2-12]	4 [2-8]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	2 [0-4]	1 [0-2]

... how many nights in total have you spent in hospital?	7 [0-20]	4 [0-14]
--	----------	----------

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

1-2	28 (16.6%)	4831 (19.8%)
3-5	42 (24.9%)	5143 (21.0%)
More than 5	54 (32.0%)	5425 (22.2%)
None	22 (13.0%)	3787 (15.5%)
I do not know	2 (1.2%)	617 (2.5%)
Missing	21 (12.4%)	4649 (19.0%)

7. Do you have health insurance?

Yes, private insurance only	1 (0.59%)	3701 (15.1%)
Yes, public insurance only	117 (69.2%)	9777 (40.0%)
Yes, both	23 (13.6%)	1908 (7.8%)
None	1 (0.59%)	3768 (15.4%)
I prefer not to answer	4 (2.4%)	461 (1.9%)
Missing	23 (13.6%)	4837 (19.8%)

8. What was your weight 5 years ago?

	79 [67-89]	74 [63-85]
I do not know	27 (16.0%)	6168 (25.2%)

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

Yes, intentionally	13 (7.7%)	1931 (7.9%)
Yes, unintentionally	75 (44.4%)	10653 (43.6%)
No, my weight stayed the same	46 (27.2%)	6738 (27.6%)
No, I gained weight	21 (12.4%)	2780 (11.4%)
I do not know	3 (1.8%)	2017 (8.2%)
Missing	11 (6.5%)	333 (1.4%)

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

	7 [4-10]	6 [4-10]
I do not know	7 (8.0%)	2421 (19.2%)

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

	72 (50.7%)	7367 (38.4%)
--	------------	--------------

11. Please indicate if you ...

... were weighed at admission	80 (53.3%)	10622 (53.6%)
... were informed about your nutrition status	50 (33.6%)	7345 (37.2%)
... were informed about nutrition care options	51 (34.2%)	6881 (34.9%)
... received special nutrition care	49 (33.1%)	6867 (34.9%)

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

More than normal	12 (7.2%)	1175 (4.8%)
Normal	91 (54.8%)	14950 (61.3%)

About 3/4 of normal	22 (13.3%)	2351 (9.6%)
About half of normal	22 (13.3%)	3047 (12.5%)
About a quarter to nearly nothing	16 (9.6%)	2386 (9.8%)
I do not know	-	183 (0.75%)
Missing	3 (1.8%)	308 (1.3%)

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

Very satisfied	43 (25.9%)	5545 (22.7%)
Somewhat satisfied	44 (26.5%)	6058 (24.8%)
Neutral	39 (23.5%)	4069 (16.7%)
Dissatisfied	8 (4.8%)	1669 (6.8%)
Very dissatisfied	2 (1.2%)	733 (3.0%)
I do not know	8 (4.8%)	1404 (5.8%)
Missing	22 (13.3%)	4922 (20.2%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	4 (2.4%)	2402 (9.8%)
Yes, from hospital staff	8 (4.8%)	1324 (5.4%)
No	125 (75.3%)	15188 (62.2%)
I do not know	1 (0.60%)	275 (1.1%)
Missing	28 (16.9%)	5211 (21.4%)

15. Were you able to eat without interruption TODAY? (Yes)	90 (67.7%)	13701 (72.2%)
---	------------	---------------

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

About all	72 (43.4%)	11767 (48.2%)
1/2	50 (30.1%)	6068 (24.9%)
1/4	17 (10.2%)	3130 (12.8%)
Nothing	20 (12.0%)	2535 (10.4%)
Missing	7 (4.2%)	900 (3.7%)

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

Standard	87 (52.4%)	13049 (53.5%)
Smaller	10 (6.0%)	1824 (7.5%)
Larger	2 (1.2%)	960 (3.9%)
I do not know	18 (10.8%)	2121 (8.7%)
Missing	49 (29.5%)	6446 (26.4%)

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

I did not like the type of food offered	8 (9.2%)	1924 (16.4%)
I did not like the smell/taste of the food	15 (17.2%)	1359 (11.6%)
The food did not fit my cultural/religious preferences	1 (1.1%)	103 (0.88%)
The food was too hot	-	29 (0.25%)

The food was too cold	-	321 (2.7%)
Due to food allergy/intolerance	2 (2.3%)	151 (1.3%)
I was not hungry at that time	13 (14.9%)	1600 (13.6%)
I do not have my usual appetite	28 (32.2%)	3509 (29.9%)
I have problems chewing/swallowing	6 (6.9%)	683 (5.8%)
I normally eat less than what was served	14 (16.1%)	1218 (10.4%)
I had nausea/vomiting	14 (16.1%)	971 (8.3%)
I was too tired	7 (8.0%)	511 (4.4%)
I cannot eat without help	2 (2.3%)	146 (1.2%)
I was not allowed to eat	10 (11.5%)	980 (8.4%)
I had an exam, surgery, or test and missed my meal	6 (6.9%)	785 (6.7%)
I did not get requested food	-	123 (1.0%)
No answer given	13 (14.9%)	2067 (17.6%)

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

19a. Did you eat any food apart from hospital food TODAY? (Yes) 42 (31.6%) 4412 (23.9%)

19b. If yes, what did you eat?

Sweet snacks	14 (33.3%)	1125 (25.5%)
Salty snacks	3 (7.1%)	609 (13.8%)
Homemade food	7 (16.7%)	943 (21.4%)
Fruits	15 (35.7%)	1520 (34.5%)
Dairy products	4 (9.5%)	516 (11.7%)
Food delivered/restaurant	1 (2.4%)	188 (4.3%)
Sandwich	6 (14.3%)	265 (6.0%)
Other	8 (19.0%)	659 (14.9%)

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

Increased	10 (6.0%)	3392 (13.9%)
Decreased	56 (33.7%)	6798 (27.9%)
Stayed the same	57 (34.3%)	7810 (32.0%)
I do not know	10 (6.0%)	1112 (4.6%)
Missing	33 (19.9%)	5288 (21.7%)

21. TODAY I feel...

Stronger than at admission	42 (25.3%)	11712 (48.0%)
Weaker than at admission	31 (18.7%)	4322 (17.7%)
Same as at admission	57 (34.3%)	6423 (26.3%)
I was admitted today	16 (9.6%)	740 (3.0%)
I do not know	8 (4.8%)	917 (3.8%)
Missing	12 (7.2%)	286 (1.2%)

22. Can you walk without assistance TODAY?

Yes	117 (70.5%)	13991 (57.3%)
No, only with assistance	22 (13.3%)	6345 (26.0%)
No, I stay in bed	13 (7.8%)	3449 (14.1%)
Missing	14 (8.4%)	615 (2.5%)

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

64 (45.4%) 14422 (73.8%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	5	216
Computerized system in hospital:	4 units (80%) YES	200 units (93%) YES
Nutritional treatment of cancer patients is part of overall care plan	5 units (100%) YES	196 units (91%) YES
Nutritional treatment is considered...		
Routinely	3 (60,0%)	129 (59,7%)
When patient asks	4 (80,0%)	71 (32,9%)
When body weight loss > 10%	4 (80,0%)	90 (41,7%)
During palliative phase	3 (60,0%)	54 (25,0%)
Other	1 (20,0%)	36 (16,7%)
Missing	-	13 (6,02%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	1 (20,0%)	4 (1,85%)
No knowledge of the field	1 (20,0%)	11 (5,09%)
No reimbursement	-	5 (2,31%)
It feeds the tumour	1 (20,0%)	-
Other	1 (20,0%)	21 (9,72%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	5 (100%)	148 (68,5%)
Calculation of energy needs	4 (80,0%)	152 (70,4%)
Monitoring patients intake and use of oral supplements	4 (80,0%)	190 (88,0%)
None	-	3 (1,39%)
Other	1 (20,0%)	20 (9,26%)
Missing	-	4 (1,85%)
Nutritional therapy is not used due to		
Lack of evidence	1 (20,0%)	1 (0,46%)
Lack of experience	1 (20,0%)	6 (2,78%)
No reimbursement	-	1 (0,46%)
Lack of dietitians	-	3 (1,39%)
Lack of other experts	1 (20,0%)	4 (1,85%)
Other	1 (20,0%)	9 (4,17%)
Missing	-	-
Assessment of parameters in cancer patients & methods used:		

Anthropometry/Body composition:**Body weight**

Regularly	5 (100%)	145 (67,1%)
At chemotherapy	-	28 (13,0%)
When necessary	-	37 (17,1%)
Never	-	3 (1,39%)
Unknown	-	1 (0,46%)
Missing	-	2 (0,93%)

Anthropometrics (circumference)

Regularly	-	42 (19,4%)
At chemotherapy	1 (20,0%)	8 (3,70%)
When necessary	-	71 (32,9%)
Never	3 (60,0%)	69 (31,9%)
Unknown	1 (20,0%)	11 (5,09%)
Missing	-	15 (6,94%)

BIA

Regularly	-	10 (4,63%)
At chemotherapy	-	1 (0,46%)
When necessary	4 (80,0%)	78 (36,1%)
Never	1 (20,0%)	99 (45,8%)
Unknown	-	17 (7,87%)
Missing	-	11 (5,09%)

CT SCAN

Regularly	-	4 (1,85%)
At chemotherapy	-	3 (1,39%)
When necessary	1 (20,0%)	57 (26,4%)
Never	4 (80,0%)	110 (50,9%)
Unknown	-	23 (10,6%)
Missing	-	19 (8,80%)

DEXA

Regularly	-	-
At chemotherapy	1 (20,0%)	2 (0,93%)
When necessary	-	38 (17,6%)
Never	4 (80,0%)	135 (62,5%)
Unknown	-	25 (11,6%)
Missing	-	16 (7,41%)

Other (body composition)

Regularly	1 (20,0%)	7 (3,24%)
At chemotherapy	-	-

When necessary	-	20 (9,26%)
Never	2 (40,0%)	76 (35,2%)
Unknown	1 (20,0%)	56 (25,9%)
Missing	1 (20,0%)	57 (26,4%)

Body function:

Handgrip

Regularly	1 (20,0%)	10 (4,63%)
At chemotherapy	-	1 (0,46%)
When necessary	2 (40,0%)	95 (44,0%)
Never	2 (40,0%)	85 (39,4%)
Unknown	-	9 (4,17%)
Missing	-	16 (7,41%)

6-minutes walking test

Regularly	-	5 (2,31%)
At chemotherapy	1 (20,0%)	-
When necessary	-	49 (22,7%)
Never	4 (80,0%)	131 (60,6%)
Unknown	-	13 (6,02%)
Missing	-	18 (8,33%)

Other (body function)

Regularly	1 (20,0%)	6 (2,78%)
At chemotherapy	-	-
When necessary	1 (20,0%)	37 (17,1%)
Never	1 (20,0%)	88 (40,7%)
Unknown	1 (20,0%)	40 (18,5%)
Missing	1 (20,0%)	45 (20,8%)

Nutritional requirements, calculated

Regularly	1 (20,0%)	68 (31,5%)
At chemotherapy	-	9 (4,17%)
When necessary	3 (60,0%)	94 (43,5%)
Never	-	14 (6,48%)
Unknown	-	5 (2,31%)
Missing	1 (20,0%)	26 (12,0%)

Nutritional intake:

Every meal

Regularly	1 (20,0%)	54 (25,0%)
At chemotherapy	-	8 (3,70%)
When necessary	1 (20,0%)	98 (45,4%)
Never	2 (40,0%)	22 (10,2%)

Unknown	-	13 (6,02%)
Missing	1 (20,0%)	21 (9,72%)
1 meal per day		
Regularly	1 (20,0%)	19 (8,80%)
At chemotherapy	-	5 (2,31%)
When necessary	2 (40,0%)	57 (26,4%)
Never	-	39 (18,1%)
Unknown	-	19 (8,80%)
Missing	2 (40,0%)	77 (35,6%)
2 meals per day		
Regularly	-	18 (8,33%)
At chemotherapy	1 (20,0%)	3 (1,39%)
When necessary	2 (40,0%)	56 (25,9%)
Never	-	43 (19,9%)
Unknown	-	19 (8,80%)
Missing	2 (40,0%)	77 (35,6%)
24h recall		
Regularly	1 (20,0%)	61 (28,2%)
At chemotherapy	-	10 (4,63%)
When necessary	3 (60,0%)	60 (27,8%)
Never	-	30 (13,9%)
Unknown	-	14 (6,48%)
Missing	1 (20,0%)	41 (19,0%)
Other (nutritional intake)		
Regularly	-	-
At chemotherapy	-	-
When necessary	-	22 (10,2%)
Never	1 (20,0%)	51 (23,6%)
Unknown	-	38 (17,6%)
Missing	4 (80,0%)	105 (48,6%)
Questionnaire completed by		
Dietitian	2 (40,0%)	86 (39,8%)
Nurse	1 (20,0%)	45 (20,8%)
Physician	2 (40,0%)	36 (16,7%)
Nutritional scientist	-	41 (19,0%)
Other	-	5 (2,31%)
Missing	-	3 (1,39%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	61	2040
Demographic data:		
Age (years)	64 [19-91]	63 [18-120]
Female gender	37 (60,7%)	915 (44,9%)
Weight (kg)	72,0 ± 16,8	69,5 ± 18,3
Height (cm)	169,8 ± 12,0	167,1 ± 10,6
BMI (kg/m ²)	24,8 ± 5,1	24,8 ± 5,7
Outpatient (o)/Ward (w)		
Outpatient(o)	3 (4,92%)	106 (5,20%)
Ward (w)	58 (95,1%)	1930 (94,6%)
Missing	-	4 (0,20%)
Goal of Therapy		
Curative	24 (39,3%)	1413 (69,3%)
Palliative	32 (52,5%)	535 (26,2%)
Terminal	-	55 (2,70%)
Missing	5 (8,20%)	37 (1,81%)
Reason for admission		
Clinical diagnostics	7 (11,5%)	290 (14,2%)
Therapy	36 (59,0%)	1091 (53,5%)
Surgery related	3 (4,92%)	383 (18,8%)
Treatment complications	3 (4,92%)	154 (7,55%)
Poor health status	12 (19,7%)	255 (12,5%)
Independent care difficult	1 (1,64%)	17 (0,83%)
Missing	-	-
Present cancer diagnosis		
Breast	5 (8,20%)	146 (7,16%)
Colon, rectum	-	299 (14,7%)
Prostate	-	60 (2,94%)
Lung	-	138 (6,76%)
Skin	-	28 (1,37%)
Kidney/bladder	1 (1,64%)	77 (3,77%)
Gastric/oesophageal	-	233 (11,4%)
Pancreas	-	121 (5,93%)
Lymphoma	23 (37,7%)	195 (9,56%)
Ears nose throat (ENT)	2 (3,28%)	73 (3,58%)
Leukaemia	7 (11,5%)	209 (10,2%)

Genital tract	10 (16,4%)	86 (4,22%)
Liver	-	113 (5,54%)
Sarcoma	5 (8,20%)	36 (1,76%)
Brain	-	29 (1,42%)
Testicular	-	23 (1,13%)
Other	7 (11,5%)	195 (9,56%)
Missing	3 (4,92%)	28 (1,37%)

Time since diagnosis

0-2 months	12 (19,7%)	548 (26,9%)
3-5 months	10 (16,4%)	462 (22,6%)
6-12 months	7 (11,5%)	369 (18,1%)
1-2 years	8 (13,1%)	217 (10,6%)
2-4 years	9 (14,8%)	173 (8,48%)
> 4 years	12 (19,7%)	193 (9,46%)
Missing	3 (4,92%)	46 (2,25%)

Cancer staging

0=Carcinoma in situ	1 (1,64%)	109 (5,34%)
I=Localized	-	494 (24,2%)
II=Early locally advanced	3 (4,92%)	345 (16,9%)
III=Late locally advanced	7 (11,5%)	325 (15,9%)
IV=Metastasised	11 (18,0%)	563 (27,6%)
Missing	39 (63,9%)	204 (10,0%)

Time since first therapy start

No therapy	6 (9,84%)	178 (8,73%)
Tumour staging/diagnosis	1 (1,64%)	293 (14,4%)
0-2 months	11 (18,0%)	628 (30,8%)
3-5 months	8 (13,1%)	294 (14,4%)
6-12 months	9 (14,8%)	240 (11,8%)
1-2 years	7 (11,5%)	204 (10,0%)
2-4 years	8 (13,1%)	148 (7,25%)
> 4 years	10 (16,4%)	159 (7,79%)
Missing	3 (4,92%)	39 (1,91%)

Therapy situation

Diagnosis	11 (18,0%)	262 (12,8%)
Chemotherapy 1st line	24 (39,3%)	458 (22,5%)
Chemotherapy > 1st line	21 (34,4%)	373 (18,3%)
Radiotherapy	1 (1,64%)	229 (11,2%)
Target therapy	2 (3,28%)	72 (3,53%)
Hormone therapy	-	17 (0,83%)
Palliative	2 (3,28%)	195 (9,56%)

Surgery	-	426 (20,9%)
Cancer related complications	1 (1,64%)	133 (6,52%)
Therapy related complications	1 (1,64%)	81 (3,97%)
Missing	3 (4,92%)	44 (2,16%)

Infections

None	38 (62,3%)	1496 (73,3%)
Local	3 (4,92%)	288 (14,1%)
General	8 (13,1%)	154 (7,55%)
Missing	12 (19,7%)	102 (5,00%)

Nutrition Treatment

No special diet	30 (49,2%)	895 (43,9%)
Individualized diet plan	21 (34,4%)	500 (24,5%)
Energy rich/protein rich ONS	21 (34,4%)	433 (21,2%)
Enteral nutrition (via NGT/PEG)	-	104 (5,10%)
Parenteral nutrition	3 (4,92%)	184 (9,02%)
ONS enriched with special nutrients	-	120 (5,88%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	45 (2,21%)
Personal preferences	12 (19,7%)	175 (8,58%)
Counselling	6 (9,84%)	160 (7,84%)
Other	3 (4,92%)	162 (7,94%)
Missing	-	-

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 3_onco:	61	2018
Body weight prior to becoming ill	73 [42-130]	75 [26-175]
Actual body weight	72 [35-120]	68 [32-176]
Change in weight was		
Intentional	4 (6,56%)	90 (4,41%)
Unintentional	35 (57,4%)	1368 (67,1%)
Weight is stable	13 (21,3%)	267 (13,1%)
Missing	5 (8,20%)	115 (5,64%)
During the last week		
Patients who have had pain:		
Not at all	23 (37,7%)	692 (33,9%)
A little	11 (18,0%)	567 (27,8%)
Quite a bit	8 (13,1%)	379 (18,6%)
Very much	14 (23,0%)	272 (13,3%)
Missing	4 (6,56%)	117 (5,74%)
Patients who needed a rest:		
Not at all	8 (13,1%)	511 (25,0%)
A little	8 (13,1%)	554 (27,2%)
Quite a bit	20 (32,8%)	507 (24,9%)
Very much	21 (34,4%)	332 (16,3%)
Missing	4 (6,56%)	118 (5,78%)
Patients who felt weak:		
Not at all	10 (16,4%)	552 (27,1%)
A little	9 (14,8%)	555 (27,2%)
Quite a bit	16 (26,2%)	476 (23,3%)
Very much	20 (32,8%)	322 (15,8%)
Missing	4 (6,56%)	116 (5,69%)
Patients who felt depressed:		
Not at all	24 (39,3%)	820 (40,2%)
A little	9 (14,8%)	599 (29,4%)
Quite a bit	11 (18,0%)	285 (14,0%)
Very much	11 (18,0%)	193 (9,46%)
Missing	4 (6,56%)	126 (6,18%)

Patients who were tired:

Not at all	9 (14,8%)	554 (27,2%)
A little	7 (11,5%)	612 (30,0%)
Quite a bit	17 (27,9%)	464 (22,7%)
Very much	23 (37,7%)	268 (13,1%)
Missing	4 (6,56%)	121 (5,93%)

Patients whose pain interfered with their daily activities:

Not at all	27 (44,3%)	847 (41,5%)
A little	10 (16,4%)	476 (23,3%)
Quite a bit	6 (9,84%)	318 (15,6%)
Very much	13 (21,3%)	257 (12,6%)
Missing	4 (6,56%)	122 (5,98%)

Patients who lacked appetite:

Not at all	31 (50,8%)	752 (36,9%)
A little	7 (11,5%)	502 (24,6%)
Quite a bit	8 (13,1%)	386 (18,9%)
Very much	9 (14,8%)	263 (12,9%)
Missing	4 (6,56%)	117 (5,74%)

Just now**Patients who have pain:**

Not at all	29 (47,5%)	907 (44,5%)
A little	16 (26,2%)	605 (29,7%)
Quite a bit	6 (9,84%)	274 (13,4%)
Very much	6 (9,84%)	117 (5,74%)
Missing	4 (6,56%)	117 (5,74%)

Patients who need a rest:

Not at all	13 (21,3%)	590 (28,9%)
A little	11 (18,0%)	641 (31,4%)
Quite a bit	18 (29,5%)	443 (21,7%)
Very much	14 (23,0%)	218 (10,7%)
Missing	4 (6,56%)	125 (6,13%)

Patients who feel weak:

Not at all	14 (23,0%)	648 (31,8%)
A little	13 (21,3%)	619 (30,3%)
Quite a bit	17 (27,9%)	417 (20,4%)
Very much	11 (18,0%)	209 (10,2%)
Missing	4 (6,56%)	122 (5,98%)

Patients who are depressed:

Not at all	25 (41,0%)	955 (46,8%)
A little	12 (19,7%)	549 (26,9%)
Quite a bit	14 (23,0%)	251 (12,3%)
Very much	5 (8,20%)	132 (6,47%)
Missing	4 (6,56%)	123 (6,03%)

Patients who are tired:

Not at all	18 (29,5%)	679 (33,3%)
A little	7 (11,5%)	658 (32,3%)
Quite a bit	16 (26,2%)	376 (18,4%)
Very much	14 (23,0%)	173 (8,48%)
Missing	5 (8,20%)	127 (6,23%)

Patients whose pain interferes with their daily activities:

Not at all	34 (55,7%)	966 (47,4%)
A little	7 (11,5%)	447 (21,9%)
Quite a bit	4 (6,56%)	282 (13,8%)
Very much	10 (16,4%)	196 (9,61%)
Missing	4 (6,56%)	124 (6,08%)

Patients who lack appetite:

Not at all	32 (52,5%)	805 (39,5%)
A little	6 (9,84%)	537 (26,3%)
Quite a bit	6 (9,84%)	339 (16,6%)
Very much	11 (18,0%)	211 (10,3%)
Missing	4 (6,56%)	120 (5,88%)

Reasons for change in appetite/food intake

Nausea/Vomiting	15 (24,6%)	354 (17,4%)
Inflammation in mouth	1 (1,64%)	78 (3,82%)
Pain	4 (6,56%)	265 (13,0%)
Constipation	5 (8,20%)	179 (8,77%)
Diarrhea	5 (8,20%)	134 (6,57%)
Change in taste/smell	10 (16,4%)	249 (12,2%)
Early satiation/Loss of appetite	17 (27,9%)	481 (23,6%)
Other	10 (16,4%)	333 (16,3%)
Missing	3 (4,92%)	97 (4,75%)

Maximum activity performed by patients

Able to do sports	10 (16,4%)	75 (3,68%)
Fully active	14 (23,0%)	267 (13,1%)
Able to carry out light activities	20 (32,8%)	538 (26,4%)
Able to carry out self care	5 (8,20%)	548 (26,9%)
Able to carry out limited self care	4 (6,56%)	244 (12,0%)

Confined to bed or chair	2 (3,28%)	228 (11,2%)
Missing	5 (8,20%)	124 (6,08%)

Patient takes additional (without prescription)

Nothing	32 (52,5%)	1222 (59,9%)
Herbal tea	11 (18,0%)	244 (12,0%)
Nutritional supplements	9 (14,8%)	226 (11,1%)
Multivitamin	5 (8,20%)	122 (5,98%)
Other medication	1 (1,64%)	68 (3,33%)
Other	4 (6,56%)	68 (3,33%)
Missing	7 (11,5%)	172 (8,43%)

Additional activities performed

Nothing	33 (54,1%)	1382 (67,7%)
Psychotherapy	9 (14,8%)	41 (2,01%)
Yoga	3 (4,92%)	24 (1,18%)
Meditation	7 (11,5%)	60 (2,94%)
Progressive muscle relaxation	3 (4,92%)	46 (2,25%)
Qigong	1 (1,64%)	6 (0,29%)
Other	7 (11,5%)	311 (15,2%)
Missing	8 (13,1%)	201 (9,85%)

Patients having difficulties in complying with treatment	3 (4,92%)	475 (23,3%)
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Patients needing help to complete questionnaire	30 (49,2%)	1196 (58,6%)
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Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	25 (41,0%)	1435 (70,3%)
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1. Are you COVID-19 positive TODAY?

Yes	7 (4.1%)	565 (2.3%)
No	104 (60.8%)	19372 (77.7%)
I do not know	39 (22.8%)	2031 (8.1%)
Missing	21 (12.3%)	2957 (11.9%)

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

0-3 months	7 (4.1%)	1107 (4.4%)
3-6 months	9 (5.3%)	693 (2.8%)
6-12 months	16 (9.4%)	1353 (5.4%)
>1 year	43 (25.1%)	1899 (7.6%)
never	38 (22.2%)	9637 (38.7%)
I do not know	35 (20.5%)	3756 (15.1%)
Missing	23 (13.5%)	6480 (26.0%)

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

Yes	11 (6.4%)	1348 (5.4%)
No	85 (49.7%)	16395 (65.8%)
I do not know	42 (24.6%)	2695 (10.8%)
Missing	33 (19.3%)	4487 (18.0%)