



nutritionDay
WORLDWIDE

Country Report
nutritionDay 2021
Belgium

Dear participant,

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

Number of participated center:	45
Number of participated units:	102
Number of patients:	1469
Number of patients who gave consent:	1372
Number of patients completing Sheet 3a:	1352
Number of patients completing Sheet 3b:	1342
Number of cancer patients:	194
Number of patients completing Sheet 2_onco:	12
Number of patients completing Sheet 3_onco:	12
Number of patients with 30-day outcome assessment:	1178

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	403 [249-594]	375 [213-715]
2. Total number of admissions in the hospital last year	13032 [6800-19343]	18870 [9512-38961]
3. Total number of staff in the hospital		
Total medical doctors	167 [106-321]	186 [90-417]
Medical specialists	162 [99-424]	124 [54-273]
Medical non-specialists	22 [7-35]	45 [19-116]
Nurses	501 [271-1055]	440 [208-910]
Dieticians	9 [6-16]	5 [1-10]
Nutritionists	0 [0-0]	1 [0-5]
Pharmacists	7 [5-15]	8 [4-24]
Kitchen staff	35 [21-72]	32 [15-62]
Full time equivalent		
Total medical doctors	203 [69-290]	175 [76-394]
Medical specialists	191 [62-257]	121 [50-274]
Medical non-specialists	13 [8-60]	45 [18-138]
Nurses	445 [199-878]	380 [198-793]
Dieticians	6 [4-12]	5 [2-8]
Nutritionists	0 [0-0]	1 [0-3]
Pharmacists	7 [4-13]	7 [4-20]
Kitchen staff	29 [12-46]	30 [14-57]
4. Does the hospital have a nutrition care strategy?	25 (73.5%) Yes	439 (80.8%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	22 (50.0%) Yes	391 (72.0%) Yes
Nutrition steering committee is available	23 (52.3%) Yes	328 (60.4%) Yes
Quality indicators are recorded and reported to national or regional level	22 (50.0%) Yes	229 (42.2%) Yes
Quality indicators are used for internal benchmarking	13 (29.5%) Yes	299 (55.1%) Yes
Patient feedback about food and food service is collected using a questionnaire	22 (50.0%) Yes	415 (76.4%) Yes
None	9 (20.5%) Yes	32 (5.9%) Yes
No answer given	10 (22.7%)	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	15 (34.1%) Yes	296 (54.5%) Yes

Oral nutrition supplements	12 (27.3%) Yes	219 (40.3%) Yes
Parenteral nutrition	18 (40.9%) Yes	349 (64.3%) Yes
Enteral nutrition	17 (38.6%) Yes	327 (60.2%) Yes
Dietary counseling	13 (29.5%) Yes	232 (42.7%) Yes
Specific dietary interventions	13 (29.5%) Yes	178 (32.8%) Yes
Screening for malnutrition	13 (29.5%) Yes	195 (35.9%) Yes
Risk of malnutrition	13 (29.5%) Yes	160 (29.5%) Yes
Malnutrition (in general)	17 (38.6%) Yes	262 (48.3%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	15 (34.1%) Yes	251 (46.2%) Yes
No information available from billing/finance/controlling	13 (29.5%) Yes	104 (19.2%) Yes
No answer given	-	-

Codes routinely used

Nutrition Support	12 (27.3%) Yes	264 (48.6%) Yes
Oral nutrition supplements	10 (22.7%) Yes	200 (36.8%) Yes
Parenteral nutrition	16 (36.4%) Yes	326 (60.0%) Yes
Enteral nutrition	15 (34.1%) Yes	310 (57.1%) Yes
Dietary counseling	10 (22.7%) Yes	208 (38.3%) Yes
Specific dietary interventions	12 (27.3%) Yes	160 (29.5%) Yes
Screening for malnutrition	12 (27.3%) Yes	162 (29.8%) Yes
Risk of malnutrition	12 (27.3%) Yes	138 (25.4%) Yes
Malnutrition (in general)	15 (34.1%) Yes	238 (43.8%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	14 (31.8%) Yes	218 (40.1%) Yes
No information available from billing/finance/controlling	14 (31.8%) Yes	115 (21.2%) Yes
No answer given	-	-

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	9 (8.8%)	20.5%
Internal Medicine / Cardiology	3 (2.9%)	4.3%
Internal Medicine / Gastroenterology & hepatology	6 (5.9%)	7.6%
Internal Medicine / Geriatrics	31 (30.4%)	9.5%
Internal Medicine / Infectious diseases	-	0.5%
Internal Medicine / Nephrology	2 (2.0%)	1.3%
Internal Medicine / Oncology (incl. radiotherapy)	2 (2.0%)	8.0%
Interdisciplinary	2 (2.0%)	2.9%
Long term care	8 (7.8%)	2.6%
Neurology	2 (2.0%)	4.0%
Surgery / General	6 (5.9%)	14.5%
Surgery/ Cardiac/Vascular/Thoracic	1 (1.0%)	1.8%
Surgery / Neurosurgery	-	0.7%
Surgery / Orthopedic	9 (8.8%)	3.5%
Trauma	1 (1.0%)	0.6%
Ear Nose Throat (ENT)	-	1.4%
Gynecology / Obstetrics	-	1.6%
Pediatrics	-	0.4%
Psychiatry	2 (2.0%)	1.0%
Others	18 (17.6%)	13.2%
2. Number of registered inpatients at noon	20 [17-24]	24 [18-31]
3. Total bed capacity of the unit	26 [24-30]	29 [24-38]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	2 [1-3]	3 [2-7]
Nurses	4 [3-5]	4 [3-7]
Nursing aides	1 [1-2]	2 [1-3]
Dieticians	1 [1-1]	1 [0-1]
Nutritionists	0 [0-0]	0 [0-1]
Administrative staff	1 [0-1]	1 [0-1]
Other staff involved in patient care	1 [1-2]	1 [0-3]
In training		
Medical doctors	1 [1-2]	1 [0-3]
Medical students	0 [0-2]	0 [0-2]
Nurses	2 [1-2]	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 [0-1]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 58 (78.4%) Yes 936 (81.4%) Yes

6. Does the unit have a nutrition care strategy? 57 (77.0%) Yes 890 (77.4%) Yes

7. Is there a person in your unit responsible for nutrition care? 48 (64.9%) Yes 831 (72.3%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 90 (93.8%) Yes 1155 (90.1%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 51 (68.9%) Yes 662 (57.6%) Yes

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

At admission

No routine screening	2 (2.0%) Yes	101 (7.5%) Yes
No fixed criteria	-	13 (0.97%) Yes
Experience / visual assessment only	-	85 (6.3%) Yes
Weighing / BMI only	12 (11.8%) Yes	193 (14.3%) Yes
Nutritional Risk Screening (NRS) 2002	55 (53.9%) Yes	455 (33.8%) Yes
Malnutrition Universal Screening Tool (MUST)	7 (6.9%) Yes	86 (6.4%) Yes
Malnutrition Screening tool (MST)	-	94 (7.0%) Yes
SNAQ	-	27 (2.0%) Yes
Other formal tool	15 (14.7%) Yes	218 (16.2%) Yes
I do not know	5 (4.9%) Yes	10 (0.74%) Yes
Missing	6 (5.9%)	64 (4.8%)

During hospital stay

No routine monitoring	4 (3.9%) Yes	120 (8.9%) Yes
No fixed criteria	12 (11.8%) Yes	101 (7.5%) Yes
Experience / visual assessment only	10 (9.8%) Yes	212 (15.8%) Yes
Weighing / BMI only	33 (32.4%) Yes	438 (32.5%) Yes
Other formal tool	30 (29.4%) Yes	378 (28.1%) Yes
I do not know	7 (6.9%) Yes	33 (2.5%) Yes
Missing	6 (5.9%)	64 (4.8%)

11a. Do you routinely use guidelines or standards for nutrition care? 55 (77.5%) Yes 954 (85.2%) Yes

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

International guidelines	28 (50.9%) Yes	266 (27.9%) Yes
National guidelines	1 (1.8%) Yes	148 (15.5%) Yes
Standards on hospital level	16 (29.1%) Yes	355 (37.2%) Yes
Standards on unit level	2 (3.6%) Yes	58 (6.1%) Yes
Individual patient nutrition care plans	7 (12.7%) Yes	111 (11.6%) Yes
Other	-	8 (0.84%) Yes
Missing	1 (1.8%)	8 (0.84%)

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

Watchful waiting	19 (18.6%) Yes	355 (26.4%) Yes
Discuss nutrition care activities during ward rounds	42 (41.2%) Yes	572 (42.5%) Yes
Develop an individual nutrition care plan	44 (43.1%) Yes	675 (50.1%) Yes
Initiate treatment / nutrition intervention	51 (50.0%) Yes	739 (54.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	41 (40.2%) Yes	739 (54.9%) Yes
Consult a medical professional	24 (23.5%) Yes	472 (35.1%) Yes
Calculate energy requirements	42 (41.2%) Yes	593 (44.1%) Yes
Calculate protein requirements	36 (35.3%) Yes	574 (42.6%) Yes

Malnourished

Watchful waiting	16 (15.7%) Yes	252 (18.7%) Yes
Discuss nutrition care activities during ward rounds	42 (41.2%) Yes	614 (45.6%) Yes
Develop an individual nutrition care plan	43 (42.2%) Yes	739 (54.9%) Yes
Initiate treatment / nutrition intervention	49 (48.0%) Yes	797 (59.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	37 (36.3%) Yes	729 (54.2%) Yes
Consult a medical professional	30 (29.4%) Yes	540 (40.1%) Yes
Calculate energy requirements	48 (47.1%) Yes	686 (51.0%) Yes
Calculate protein requirements	46 (45.1%) Yes	670 (49.8%) Yes

Every patient

Watchful waiting	51 (50.0%) Yes	668 (49.6%) Yes
Discuss nutrition care activities during ward rounds	22 (21.6%) Yes	331 (24.6%) Yes
Develop an individual nutrition care plan	23 (22.5%) Yes	220 (16.3%) Yes
Initiate treatment / nutrition intervention	19 (18.6%) Yes	173 (12.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	32 (31.4%) Yes	256 (19.0%) Yes
Consult a medical professional	30 (29.4%) Yes	267 (19.8%) Yes
Calculate energy requirements	12 (11.8%) Yes	166 (12.3%) Yes
Calculate protein requirements	12 (11.8%) Yes	148 (11.0%) Yes

Never

Watchful waiting	3 (2.9%) Yes	95 (7.1%) Yes
------------------	--------------	---------------

Discuss nutrition care activities during ward rounds	-	58 (4.3%) Yes
Develop an individual nutrition care plan	1 (0.98%) Yes	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	8 (7.8%) Yes	124 (9.2%) Yes
Calculate energy requirements	4 (3.9%) Yes	120 (8.9%) Yes
Calculate protein requirements	6 (5.9%) Yes	139 (10.3%) Yes

I do not know

Watchful waiting	8 (7.8%) Yes	70 (5.2%) Yes
Discuss nutrition care activities during ward rounds	7 (6.9%) Yes	49 (3.6%) Yes
Develop an individual nutrition care plan	6 (5.9%) Yes	43 (3.2%) Yes
Initiate treatment / nutrition intervention	6 (5.9%) Yes	37 (2.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	6 (5.9%) Yes	39 (2.9%) Yes
Consult a medical professional	10 (9.8%) Yes	96 (7.1%) Yes
Calculate energy requirements	8 (7.8%) Yes	68 (5.1%) Yes
Calculate protein requirements	8 (7.8%) Yes	75 (5.6%) Yes

13. When do you routinely weigh your patients?

at admission	50 (49.0%) Yes	878 (65.2%) Yes
Within 24 hours	13 (12.7%) Yes	203 (15.1%) Yes
Within 48 hours	9 (8.8%) Yes	74 (5.5%) Yes
Within 72 hours	2 (2.0%) Yes	32 (2.4%) Yes
Every week	64 (62.7%) Yes	631 (46.9%) Yes
Occasionally	5 (4.9%) Yes	153 (11.4%) Yes
When requested	45 (44.1%) Yes	707 (52.5%) Yes
At discharge	5 (4.9%) Yes	65 (4.8%) Yes
Never	-	12 (0.89%) Yes
I do not know	4 (3.9%) 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	87 (85.3%) Yes	1043 (77.5%) Yes
Offer meal choices	75 (73.5%) Yes	989 (73.5%) Yes
Offer different portion sizes	85 (83.3%) Yes	900 (66.9%) Yes
Consider food presentation	29 (28.4%) Yes	460 (34.2%) Yes
Change food texture/consistency as needed	89 (87.3%) Yes	1106 (82.2%) Yes
Consider patient problems with eating and drinking	83 (81.4%) Yes	1111 (82.5%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	22 (21.6%) Yes	399 (29.6%) Yes
Promote positive eating environment	28 (27.5%) Yes	493 (36.6%) Yes
Consider cultural/religious preferences	87 (85.3%) Yes	999 (74.2%) Yes
Consider patient allergies / intolerances	88 (86.3%) Yes	1163 (86.4%) Yes
Other	8 (7.8%) Yes	101 (7.5%) Yes

I do not know	5 (4.9%) Yes	23 (1.7%) Yes
No answer given	6 (5.9%)	64 (4.8%)

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

Nutrition training is available	45 (44.1%) Yes	772 (57.4%) Yes
Reporting of nutrition related information to hospital managers	38 (37.3%) Yes	544 (40.4%) Yes
Quality indicators are recorded and reported to national or regional level	33 (32.4%) Yes	422 (31.4%) Yes
Quality indicators are used for internal benchmarking	15 (14.7%) Yes	494 (36.7%) Yes
Patient feedback about food and food service is collected using a questionnaire	51 (50.0%) Yes	805 (59.8%) Yes
None	-	38 (2.8%) Yes
I do not know	9 (8.8%) Yes	59 (4.4%) Yes
No answer given	28 (27.5%)	196 (14.6%)

16. At admission what is asked and documented?

Change in weight	59 (57.8%) Yes	985 (73.2%) Yes
Eating habits/difficulties	53 (52.0%) Yes	932 (69.2%) Yes
Nutrition before admission	47 (46.1%) Yes	746 (55.4%) Yes
None	-	20 (1.5%) Yes
I do not know	10 (9.8%) Yes	39 (2.9%) Yes
No answer given	28 (27.5%)	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	65 (63.7%) Yes	965 (71.7%) Yes
nutrition treatment	52 (51.0%) Yes	759 (56.4%) Yes
None	1 (0.98%) Yes	53 (3.9%) Yes
I do not know	9 (8.8%) Yes	40 (3.0%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	46 (45.1%) Yes	573 (42.6%) Yes
makes future nutrition-related recommendations	40 (39.2%) Yes	775 (57.6%) Yes
None	3 (2.9%) Yes	112 (8.3%) Yes
I do not know	20 (19.6%) Yes	136 (10.1%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	43 (66.2%) Yes	475 (44.9%) Yes
--	----------------	-----------------

19. Who filled in this sheet?

Head staff	45 (44.1%) Yes	369 (27.4%) Yes
Dietician	56 (54.9%) Yes	641 (47.6%) Yes
Nurse	13 (12.7%) Yes	339 (25.2%) Yes

Physician	4 (3.9%) Yes	140 (10.4%) Yes
Administrative staff	1 (0.98%) Yes	22 (1.6%) Yes
Other	2 (2.0%) Yes	87 (6.5%) Yes
None	-	-
I do not know	4 (3.9%) Yes	16 (1.2%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	1372	24938
Age	77 [66-86]	67 [52-79]
Female	757 (55.2%)	12350 (49.5%)
Weight	73.0±18.3	70.6±18.8
Height	166±9	166±10
BMI	26.3±5.9	25.6±5.9

1. This hospital admission was...

planned	468 (34.1%)	8897 (35.7%)
an emergency	807 (58.8%)	14095 (56.5%)
I do not know	97 (7.1%)	1946 (7.8%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	124 (9.0%)	2401 (9.6%)
0200 Neoplasms	102 (7.4%)	4540 (18.2%)
0300 Blood and bloodforming organs and the immune mechanism	64 (4.7%)	1745 (7.0%)
0400 Endocrine, nutritional and metabolic diseases	126 (9.2%)	3135 (12.6%)
0500 Mental health	107 (7.8%)	1229 (4.9%)
0600 Nervous system	159 (11.6%)	2384 (9.6%)
0700 Eye and adnexa	17 (1.2%)	314 (1.3%)
0800 Ear and mastoid process	11 (0.80%)	143 (0.57%)
0900 Circulatory system	294 (21.4%)	5456 (21.9%)
1000 Respiratory system	258 (18.8%)	3828 (15.4%)
1100 Digestive system	238 (17.3%)	6160 (24.7%)
1200 Skin and subcutaneous tissue	43 (3.1%)	1185 (4.8%)
1300 Musculoskeletal system and connective tissue	468 (34.1%)	4086 (16.4%)
1400 Genitourinary system	151 (11.0%)	2781 (11.2%)
1500 Pregnancy, childbirth and the puerperium	-	294 (1.2%)
1600 Conditions originating in the perinatal period	1 (0.07%)	55 (0.22%)
1700 Congenital/chromosomal abnormalities	3 (0.22%)	57 (0.23%)
1800 Symptoms, signs, abnormal clinical/lab findings	75 (5.5%)	1374 (5.5%)
1900 Injury, poisoning	66 (4.8%)	699 (2.8%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	59 (4.3%)	760 (3.0%)
2100 Factors influencing health status and contact with health services	115 (8.4%)	967 (3.9%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	308 (23.8%)	4815 (20.0%)
Myocardial infarction	46 (3.6%)	1295 (5.4%)
Chronic lung disease	262 (20.2%)	3095 (12.9%)
Cerebral vascular disease	136 (10.6%)	2104 (8.8%)
Peripheral vascular disease	225 (17.5%)	2576 (10.7%)
Chronic liver disease	84 (6.6%)	1387 (5.8%)
Chronic kidney disease	198 (15.4%)	2780 (11.6%)
Diabetes	321 (24.9%)	5493 (22.8%)
Cancer	194 (15.2%)	5291 (22.0%)
Infection	177 (13.8%)	3401 (14.2%)
Dementia	130 (10.1%)	1201 (5.0%)
Major depressive disorder	119 (9.3%)	1146 (4.8%)
Other chronic mental disorder	106 (8.2%)	1129 (4.7%)
Other chronic disease	356 (27.7%)	6182 (25.7%)
None	176 (12.8%)	4918 (19.7%)

4a. Previous operation during this hospital stay

Yes, planned	223 (16.3%)	4588 (18.4%)
Yes, acute	110 (8.0%)	1540 (6.2%)
No	624 (45.5%)	15619 (62.6%)
I do not know	20 (1.5%)	235 (0.94%)
Missing	395 (28.8%)	2956 (11.9%)

Days since operation	7 [2-18]	4 [1-13]
----------------------	----------	----------

4b. Planned operation during this hospital stay

Yes, today or tomorrow	48 (3.5%)	1928 (7.7%)
Yes, later	19 (1.4%)	1364 (5.5%)
No	826 (60.2%)	17466 (70.0%)
I do not know	62 (4.5%)	777 (3.1%)
Missing	417 (30.4%)	3403 (13.6%)

5. Previous ICU admission during this hospital stay? (Yes)	88 (9.0%)	2367 (10.6%)
---	-----------	--------------

6. Is this patient terminally ill?	19 (1.4%)	1518 (6.1%)
---	-----------	-------------

7. Fluid status

Normal	1015 (74.0%)	19053 (76.4%)
Overloaded	104 (7.6%)	1296 (5.2%)
Dehydrated	56 (4.1%)	1231 (4.9%)
I do not know	197 (14.4%)	3358 (13.5%)
Missing	-	-

8. Number of different medications planned

Oral	7 [4-10]	5 [2-8]
Other	2 [1-3]	2 [1-4]

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

Malnourished	306 (22.3%)	3162 (12.7%)
At risk	353 (25.7%)	4616 (18.5%)
No	610 (44.5%)	15318 (61.4%)
I do not know	103 (7.5%)	1842 (7.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	257 (18.7%)	8176 (32.8%)
5% Glucose solution	90 (6.6%)	2128 (8.5%)

11. Number of ONS drinks planned

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

12. Nutrition intake

Regular hospital food	742 (54.1%)	15131 (60.7%)
Fortified/enriched hospital food	494 (36.0%)	3290 (13.2%)
Protein/energy supplement (e.g. ONS drinks)	456 (33.2%)	4070 (16.3%)
Enteral nutrition	27 (2.0%)	1106 (4.4%)
Parenteral nutrition	17 (1.2%)	1022 (4.1%)
Special diet	436 (31.8%)	7501 (30.1%)
None	51 (3.7%)	982 (3.9%)

13a. All lines and Tubes

Central Venous	67 (6.8%)	2136 (9.6%)
Peripheral venous access	278 (28.3%)	11129 (49.9%)
Nasogastric	7 (0.71%)	528 (2.4%)
Nasojejunal	2 (0.20%)	115 (0.52%)
Nasoduodenal	12 (1.2%)	82 (0.37%)
Enterostoma	1 (0.10%)	100 (0.45%)
Percutaneous endoscopy/surgical gastrostomy	2 (0.20%)	216 (0.97%)
Percutaneous endoscopy/surgical jejunostomy	1 (0.10%)	91 (0.41%)
None	1018 (74.2%)	11685 (46.9%)

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

Yes, previously	8 (0.58%)	352 (1.4%)
Yes, ongoing	3 (0.22%)	210 (0.84%)
No	697 (50.8%)	18650 (74.8%)
I do not know	207 (15.1%)	2030 (8.1%)
Missing	457 (33.3%)	3696 (14.8%)

14. Please indicate if any of the following was done for this patient since admission		
Energy requirements were determined	454 (46.2%)	8591 (38.5%)
Protein requirements were determined	384 (39.1%)	7723 (34.6%)
Food/Nutrition intake was recorded in the patient record	611 (62.2%)	9521 (42.7%)
Nutrition treatment plan was developed	561 (57.1%)	8177 (36.6%)
Nutrition expert was consulted	700 (71.3%)	8667 (38.8%)
Malnutrition status is recorded in the patient record	574 (58.5%)	7448 (33.4%)
None	-	-

15a. Energy goal		
< 500 kcal	26 (1.9%)	783 (3.1%)
500-999 kcal	1 (0.07%)	194 (0.78%)
1000-1499 kcal	29 (2.1%)	1956 (7.8%)
1500-1999 kcal	329 (24.0%)	7632 (30.6%)
>=2000 kcal	212 (15.5%)	2380 (9.5%)
Not determined	286 (20.8%)	7419 (29.7%)
I do not know	99 (7.2%)	1959 (7.9%)
Missing	390 (28.4%)	2615 (10.5%)

15b. Energy intake		
< 500 kcal	24 (1.7%)	1316 (5.3%)
500-999 kcal	31 (2.3%)	938 (3.8%)
1000-1499 kcal	91 (6.6%)	2996 (12.0%)
1500-1999 kcal	277 (20.2%)	5568 (22.3%)
>=2000 kcal	107 (7.8%)	1218 (4.9%)
Not determined	344 (25.1%)	7394 (29.6%)
I do not know	108 (7.9%)	2893 (11.6%)
Missing	390 (28.4%)	2615 (10.5%)

16. Since admission, this patient's health status has...		
Improved	495 (36.1%)	11443 (45.9%)
Deteriorated	62 (4.5%)	1219 (4.9%)
Remained the same	244 (17.8%)	6079 (24.4%)
This patient has just been admitted	59 (4.3%)	1466 (5.9%)
I do not know	122 (8.9%)	2116 (8.5%)
Missing	390 (28.4%)	2615 (10.5%)
Length of hospital stay (days)	20 [10-34]	12 [6-23]

Outcome Code		
1= Still in the hospital	189 (13.8%)	2515 (10.1%)
2= Transferred to another hospital	21 (1.5%)	534 (2.1%)
3= Transferred to long term care	140 (10.2%)	1049 (4.2%)

4= Rehabilitation	45 (3.3%)	871 (3.5%)
5= Discharged home	697 (50.8%)	18594 (74.6%)
6= Death	39 (2.8%)	785 (3.1%)
7= Others	47 (3.4%)	410 (1.6%)
Missing	194 (14.1%)	180 (0.72%)

Readmitted since nutritionDay

1= No	740 (78.6%)	16760 (76.8%)
2= Yes, same hospital planned	36 (3.8%)	1458 (6.7%)
3= Yes, same hospital unplanned	52 (5.5%)	1363 (6.2%)
4= Yes, different hospital planned	2 (0.21%)	114 (0.52%)
5= Yes, different hospital unplanned	2 (0.21%)	114 (0.52%)
6= Unknown	34 (3.6%)	481 (2.2%)
Missing	66 (7.0%)	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	734 (54.3%)	15402 (63.5%)
I am vegetarian	20 (1.5%)	445 (1.8%)
I adhere to a vegan diet	1 (0.07%)	160 (0.66%)
I eat gluten-free diet	8 (0.59%)	204 (0.84%)
I avoid added sugars	136 (10.1%)	3626 (14.9%)
I avoid carbohydrates	20 (1.5%)	1383 (5.7%)
I eat a low fat-diet	51 (3.8%)	2463 (10.2%)
I am lactose intolerant	7 (0.52%)	809 (3.3%)
Other special diet due to intolerances/allergies	17 (1.3%)	416 (1.7%)
Other	41 (3.0%)	1608 (6.6%)
No answer given	395 (29.2%)	2801 (11.5%)
2. Where did you live before your current hospital admission?		
At home	823 (60.9%)	19123 (78.8%)
In a nursing home or other live-in facility	75 (5.5%)	762 (3.1%)
I was transferred from another hospital	56 (4.1%)	1370 (5.6%)
Other	11 (0.81%)	330 (1.4%)
Missing	387 (28.6%)	2674 (11.0%)
3. In general, are you able to walk?		
Yes	485 (35.9%)	13831 (57.0%)
Yes, with someone's help	103 (7.6%)	2252 (9.3%)
Yes, independently using a cane, walker, or crutches	273 (20.2%)	3228 (13.3%)
No, I have a wheelchair	42 (3.1%)	852 (3.5%)
No, I am bedridden	57 (4.2%)	1317 (5.4%)
Missing	392 (29.0%)	2779 (11.5%)
4. In general, how would you say your health is?		
Very good	48 (3.6%)	1712 (7.1%)
Good	395 (29.2%)	7821 (32.2%)
Fair	353 (26.1%)	8148 (33.6%)
Poor	135 (10.0%)	3099 (12.8%)
Very poor	29 (2.1%)	710 (2.9%)
Missing	392 (29.0%)	2769 (11.4%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	5 [3-11]	5 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-2]	1 [0-2]

... how many nights in total have you spent in hospital?	3 [0-15]	6 [0-16]
--	----------	----------

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

1-2	132 (9.8%)	4416 (18.2%)
3-5	264 (19.5%)	5773 (23.8%)
More than 5	430 (31.8%)	6835 (28.2%)
None	78 (5.8%)	3630 (15.0%)
I do not know	62 (4.6%)	820 (3.4%)
Missing	386 (28.6%)	2785 (11.5%)

7. Do you have health insurance?

Yes, private insurance only	230 (17.0%)	3823 (15.8%)
Yes, public insurance only	320 (23.7%)	11203 (46.2%)
Yes, both	90 (6.7%)	2662 (11.0%)
None	115 (8.5%)	2485 (10.2%)
I prefer not to answer	173 (12.8%)	986 (4.1%)
Missing	424 (31.4%)	3100 (12.8%)

8. What was your weight 5 years ago?	76 [65-90]	72 [62-85]
---	------------	------------

I do not know	288 (21.3%)	5440 (22.4%)
---------------	-------------	--------------

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

Yes, intentionally	93 (6.9%)	2202 (9.1%)
Yes, unintentionally	545 (40.3%)	9411 (38.8%)
No, my weight stayed the same	424 (31.4%)	7247 (29.9%)
No, I gained weight	141 (10.4%)	2760 (11.4%)
I do not know	128 (9.5%)	2195 (9.0%)
Missing	21 (1.6%)	444 (1.8%)

9b. If yes, how many kg did you lose?	5 [4-10]	6 [4-10]
--	----------	----------

I do not know	117 (18.3%)	1851 (15.9%)
---------------	-------------	--------------

10. Did you know about your hospitalisation two days before admission? (Yes)	281 (30.1%)	8227 (39.7%)
---	-------------	--------------

11. Please indicate if you ...

... were weighed at admission	600 (62.0%)	12540 (58.3%)
... were informed about your nutrition status	470 (49.0%)	7803 (36.5%)
... were informed about nutrition care options	464 (48.5%)	7174 (33.6%)
... received special nutrition care	457 (47.9%)	6955 (32.7%)

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

More than normal	33 (2.5%)	1099 (4.5%)
Normal	812 (60.5%)	14509 (60.0%)

About 3/4 of normal	157 (11.7%)	2651 (11.0%)
About half of normal	208 (15.5%)	3062 (12.7%)
About a quarter to nearly nothing	110 (8.2%)	2263 (9.4%)
I do not know	4 (0.30%)	231 (0.96%)
Missing	18 (1.3%)	362 (1.5%)

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

Very satisfied	168 (12.5%)	5394 (22.3%)
Somewhat satisfied	455 (33.9%)	7204 (29.8%)
Neutral	138 (10.3%)	4214 (17.4%)
Dissatisfied	91 (6.8%)	1854 (7.7%)
Very dissatisfied	43 (3.2%)	673 (2.8%)
I do not know	51 (3.8%)	1694 (7.0%)
Missing	396 (29.5%)	3144 (13.0%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	15 (1.1%)	2177 (9.0%)
Yes, from hospital staff	110 (8.2%)	1475 (6.1%)
No	800 (59.6%)	16830 (69.6%)
I do not know	9 (0.67%)	282 (1.2%)
Missing	408 (30.4%)	3413 (14.1%)

15. Were you able to eat without interruption TODAY? (Yes)	751 (81.9%)	15256 (74.7%)
---	-------------	---------------

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

About all	620 (46.2%)	11133 (46.0%)
1/2	401 (29.9%)	6143 (25.4%)
1/4	203 (15.1%)	3103 (12.8%)
Nothing	91 (6.8%)	2802 (11.6%)
Missing	27 (2.0%)	996 (4.1%)

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

Standard	686 (51.1%)	13732 (56.8%)
Smaller	72 (5.4%)	2093 (8.7%)
Larger	49 (3.7%)	1046 (4.3%)
I do not know	65 (4.8%)	2302 (9.5%)
Missing	470 (35.0%)	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	145 (20.9%)	1945 (16.1%)
I did not like the smell/taste of the food	49 (7.1%)	1480 (12.3%)
The food did not fit my cultural/religious preferences	4 (0.58%)	127 (1.1%)
The food was too hot	2 (0.29%)	54 (0.45%)

The food was too cold	9 (1.3%)	281 (2.3%)
Due to food allergy/intolerance	2 (0.29%)	105 (0.87%)
I was not hungry at that time	156 (22.4%)	1991 (16.5%)
I do not have my usual appetite	195 (28.1%)	3586 (29.8%)
I have problems chewing/swallowing	36 (5.2%)	716 (5.9%)
I normally eat less than what was served	97 (14.0%)	1383 (11.5%)
I had nausea/vomiting	30 (4.3%)	984 (8.2%)
I was too tired	51 (7.3%)	740 (6.1%)
I cannot eat without help	7 (1.0%)	191 (1.6%)
I was not allowed to eat	22 (3.2%)	1088 (9.0%)
I had an exam, surgery, or test and missed my meal	33 (4.7%)	733 (6.1%)
I did not get requested food	4 (0.58%)	124 (1.0%)
No answer given	140 (20.1%)	1823 (15.1%)

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

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

19a. Did you eat any food apart from hospital food TODAY? (Yes) 267 (29.5%) 5831 (29.2%)

19b. If yes, what did you eat?

Sweet snacks	144 (53.9%)	1820 (31.2%)
Salty snacks	23 (8.6%)	645 (11.1%)
Homemade food	37 (13.9%)	896 (15.4%)
Fruits	88 (33.0%)	2357 (40.4%)
Dairy products	36 (13.5%)	686 (11.8%)
Food delivered/restaurant	1 (0.37%)	272 (4.7%)
Sandwich	6 (2.2%)	347 (6.0%)
Other	32 (12.0%)	795 (13.6%)

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

Increased	175 (13.0%)	3329 (13.8%)
Decreased	238 (17.7%)	6808 (28.2%)
Stayed the same	470 (35.0%)	9055 (37.5%)
I do not know	50 (3.7%)	1479 (6.1%)
Missing	409 (30.5%)	3506 (14.5%)

21. TODAY I feel...

Stronger than at admission	552 (41.1%)	10558 (43.7%)
Weaker than at admission	236 (17.6%)	4610 (19.1%)
Same as at admission	433 (32.3%)	6833 (28.3%)
I was admitted today	39 (2.9%)	576 (2.4%)
I do not know	61 (4.5%)	1178 (4.9%)
Missing	21 (1.6%)	422 (1.7%)

22. Can you walk without assistance TODAY?

Yes	585 (43.6%)	14229 (58.9%)
No, only with assistance	517 (38.5%)	5989 (24.8%)
No, I stay in bed	177 (13.2%)	2912 (12.0%)
Missing	63 (4.7%)	1047 (4.3%)

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

763 (82.8%)	13801 (65.2%)
-------------	---------------

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

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	6	291
Computerized system in hospital:	6 units (100%) YES	265 units (91%) YES
Nutritional treatment of cancer patients is part of overall care plan	6 units (100%) YES	268 units (92%) YES
Nutritional treatment is considered...		
Routinely	5 (83,3%)	187 (64,3%)
When patient asks	3 (50,0%)	81 (27,8%)
When body weight loss > 10%	4 (66,7%)	98 (33,7%)
During palliative phase	2 (33,3%)	74 (25,4%)
Other	-	26 (8,93%)
Missing	-	18 (6,19%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	-	8 (2,75%)
No knowledge of the field	-	9 (3,09%)
No reimbursement	-	6 (2,06%)
It feeds the tumour	-	1 (0,34%)
Other	1 (16,7%)	11 (3,78%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	4 (66,7%)	206 (70,8%)
Calculation of energy needs	4 (66,7%)	201 (69,1%)
Monitoring patients intake and use of oral supplements	6 (100%)	245 (84,2%)
None	-	5 (1,72%)
Other	-	15 (5,15%)
Missing	-	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	1 (16,7%)	6 (2,06%)
Lack of other experts	-	1 (0,34%)
Other	-	9 (3,09%)
Missing	-	2 (0,69%)
Assessment of parameters in cancer patients & methods used:		

Anthropometry/Body composition:**Body weight**

Regularly	6 (100%)	199 (68,4%)
At chemotherapy	-	47 (16,2%)
When necessary	-	35 (12,0%)
Never	-	5 (1,72%)
Unknown	-	2 (0,69%)
Missing	-	3 (1,03%)

Anthropometrics (circumference)

Regularly	-	42 (14,4%)
At chemotherapy	-	6 (2,06%)
When necessary	1 (16,7%)	98 (33,7%)
Never	3 (50,0%)	122 (41,9%)
Unknown	-	12 (4,12%)
Missing	2 (33,3%)	11 (3,78%)

BIA

Regularly	-	10 (3,44%)
At chemotherapy	-	3 (1,03%)
When necessary	-	90 (30,9%)
Never	5 (83,3%)	165 (56,7%)
Unknown	-	12 (4,12%)
Missing	1 (16,7%)	11 (3,78%)

CT SCAN

Regularly	-	9 (3,09%)
At chemotherapy	-	3 (1,03%)
When necessary	3 (50,0%)	67 (23,0%)
Never	2 (33,3%)	176 (60,5%)
Unknown	-	24 (8,25%)
Missing	1 (16,7%)	12 (4,12%)

DEXA

Regularly	-	5 (1,72%)
At chemotherapy	-	1 (0,34%)
When necessary	3 (50,0%)	47 (16,2%)
Never	2 (33,3%)	197 (67,7%)
Unknown	-	28 (9,62%)
Missing	1 (16,7%)	13 (4,47%)

Other (body composition)

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

When necessary	-	42 (14,4%)
Never	-	104 (35,7%)
Unknown	2 (33,3%)	38 (13,1%)
Missing	4 (66,7%)	97 (33,3%)

Body function:

Handgrip

Regularly	-	16 (5,50%)
At chemotherapy	-	8 (2,75%)
When necessary	1 (16,7%)	90 (30,9%)
Never	3 (50,0%)	153 (52,6%)
Unknown	-	14 (4,81%)
Missing	2 (33,3%)	10 (3,44%)

6-minutes walking test

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

Other (body function)

Regularly	-	14 (4,81%)
At chemotherapy	-	1 (0,34%)
When necessary	1 (16,7%)	55 (18,9%)
Never	1 (16,7%)	108 (37,1%)
Unknown	-	33 (11,3%)
Missing	4 (66,7%)	80 (27,5%)

Nutritional requirements, calculated

Regularly	3 (50,0%)	87 (29,9%)
At chemotherapy	-	4 (1,37%)
When necessary	3 (50,0%)	135 (46,4%)
Never	-	20 (6,87%)
Unknown	-	6 (2,06%)
Missing	-	39 (13,4%)

Nutritional intake:

Every meal

Regularly	3 (50,0%)	78 (26,8%)
At chemotherapy	-	3 (1,03%)
When necessary	3 (50,0%)	124 (42,6%)
Never	-	31 (10,7%)

Unknown	-	15 (5,15%)
Missing	-	40 (13,7%)
1 meal per day		
Regularly	-	33 (11,3%)
At chemotherapy	1 (16,7%)	4 (1,37%)
When necessary	2 (33,3%)	90 (30,9%)
Never	1 (16,7%)	59 (20,3%)
Unknown	1 (16,7%)	20 (6,87%)
Missing	1 (16,7%)	85 (29,2%)
2 meals per day		
Regularly	-	32 (11,0%)
At chemotherapy	1 (16,7%)	3 (1,03%)
When necessary	1 (16,7%)	89 (30,6%)
Never	1 (16,7%)	60 (20,6%)
Unknown	1 (16,7%)	20 (6,87%)
Missing	2 (33,3%)	87 (29,9%)
24h recall		
Regularly	2 (33,3%)	63 (21,6%)
At chemotherapy	-	8 (2,75%)
When necessary	2 (33,3%)	117 (40,2%)
Never	-	39 (13,4%)
Unknown	1 (16,7%)	14 (4,81%)
Missing	1 (16,7%)	50 (17,2%)
Other (nutritional intake)		
Regularly	-	14 (4,81%)
At chemotherapy	-	1 (0,34%)
When necessary	1 (16,7%)	62 (21,3%)
Never	-	46 (15,8%)
Unknown	2 (33,3%)	35 (12,0%)
Missing	3 (50,0%)	133 (45,7%)
Questionnaire completed by		
Dietitian	4 (66,7%)	128 (44,0%)
Nurse	2 (33,3%)	69 (23,7%)
Physician	-	56 (19,2%)
Nutritional scientist	-	30 (10,3%)
Other	-	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:	12	2862
Demographic data:		
Age (years)	66 [45-76]	64 [18-120]
Female gender	9 (75,0%)	1301 (45,5%)
Weight (kg)	69,1 ± 20,4	67,0 ± 16,8
Height (cm)	165,6 ± 6,9	165,5 ± 9,8
BMI (kg/m ²)	25,0 ± 6,5	24,3 ± 5,0
Outpatient (o)/Ward (w)		
Outpatient(o)	-	118 (4,12%)
Ward (w)	12 (100%)	2736 (95,6%)
Missing	-	8 (0,28%)
Goal of Therapy		
Curative	10 (83,3%)	1803 (63,0%)
Palliative	2 (16,7%)	895 (31,3%)
Terminal	-	96 (3,35%)
Missing	-	68 (2,38%)
Reason for admission		
Clinical diagnostics	2 (16,7%)	368 (12,9%)
Therapy	5 (41,7%)	1326 (46,3%)
Surgery related	2 (16,7%)	515 (18,0%)
Treatment complications	1 (8,33%)	409 (14,3%)
Poor health status	3 (25,0%)	386 (13,5%)
Independent care difficult	-	25 (0,87%)
Missing	-	2 (0,07%)
Present cancer diagnosis		
Breast	-	223 (7,79%)
Colon, rectum	3 (25,0%)	395 (13,8%)
Prostate	-	107 (3,74%)
Lung	2 (16,7%)	306 (10,7%)
Skin	-	25 (0,87%)
Kidney/bladder	2 (16,7%)	126 (4,40%)
Gastric/oesophageal	1 (8,33%)	291 (10,2%)
Pancreas	1 (8,33%)	133 (4,65%)
Lymphoma	-	232 (8,11%)
Ears nose throat (ENT)	-	114 (3,98%)
Leukaemia	2 (16,7%)	241 (8,42%)

Genital tract	-	115 (4,02%)
Liver	1 (8,33%)	194 (6,78%)
Sarcoma	-	47 (1,64%)
Brain	-	47 (1,64%)
Testicular	-	19 (0,66%)
Other	1 (8,33%)	332 (11,6%)
Missing	-	42 (1,47%)

Time since diagnosis

0-2 months	5 (41,7%)	823 (28,8%)
3-5 months	1 (8,33%)	486 (17,0%)
6-12 months	1 (8,33%)	494 (17,3%)
1-2 years	3 (25,0%)	371 (13,0%)
2-4 years	1 (8,33%)	272 (9,50%)
> 4 years	1 (8,33%)	297 (10,4%)
Missing	-	69 (2,41%)

Cancer staging

0=Carcinoma in situ	1 (8,33%)	141 (4,93%)
I=Localized	-	540 (18,9%)
II=Early locally advanced	2 (16,7%)	482 (16,8%)
III=Late locally advanced	1 (8,33%)	436 (15,2%)
IV=Metastasised	3 (25,0%)	871 (30,4%)
Missing	5 (41,7%)	392 (13,7%)

Time since first therapy start

No therapy	2 (16,7%)	237 (8,28%)
Tumour staging/diagnosis	2 (16,7%)	311 (10,9%)
0-2 months	2 (16,7%)	814 (28,4%)
3-5 months	-	381 (13,3%)
6-12 months	2 (16,7%)	422 (14,7%)
1-2 years	2 (16,7%)	298 (10,4%)
2-4 years	-	223 (7,79%)
> 4 years	2 (16,7%)	228 (7,97%)
Missing	-	60 (2,10%)

Therapy situation

Diagnosis	2 (16,7%)	309 (10,8%)
Chemotherapy 1st line	4 (33,3%)	622 (21,7%)
Chemotherapy > 1st line	2 (16,7%)	518 (18,1%)
Radiotherapy	1 (8,33%)	271 (9,47%)
Target therapy	-	74 (2,59%)
Hormone therapy	-	31 (1,08%)
Palliative	2 (16,7%)	242 (8,46%)

Surgery	1 (8,33%)	632 (22,1%)
Cancer related complications	2 (16,7%)	285 (9,96%)
Therapy related complications	-	119 (4,16%)
Missing	-	64 (2,24%)

Infections

None	7 (58,3%)	2103 (73,5%)
Local	2 (16,7%)	430 (15,0%)
General	2 (16,7%)	241 (8,42%)
Missing	1 (8,33%)	88 (3,07%)

Nutrition Treatment

No special diet	6 (50,0%)	1203 (42,0%)
Individualized diet plan	6 (50,0%)	798 (27,9%)
Energy rich/protein rich ONS	7 (58,3%)	577 (20,2%)
Enteral nutrition (via NGT/PEG)	1 (8,33%)	143 (5,00%)
Parenteral nutrition	-	213 (7,44%)
ONS enriched with special nutrients	-	103 (3,60%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	39 (1,36%)
Personal preferences	8 (66,7%)	324 (11,3%)
Counselling	8 (66,7%)	214 (7,48%)
Other	6 (50,0%)	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:	12	2832
Body weight prior to becoming ill	78 [50-110]	70 [17-196]
Actual body weight	66 [42-107]	65 [11-196]
Change in weight was		
Intentional	1 (8,33%)	129 (4,51%)
Unintentional	8 (66,7%)	1854 (64,8%)
Weight is stable	-	476 (16,6%)
Missing	-	89 (3,11%)
During the last week		
Patients who have had pain:		
Not at all	2 (16,7%)	962 (33,6%)
A little	4 (33,3%)	867 (30,3%)
Quite a bit	1 (8,33%)	476 (16,6%)
Very much	3 (25,0%)	340 (11,9%)
Missing	2 (16,7%)	196 (6,85%)
Patients who needed a rest:		
Not at all	1 (8,33%)	590 (20,6%)
A little	3 (25,0%)	881 (30,8%)
Quite a bit	2 (16,7%)	679 (23,7%)
Very much	5 (41,7%)	480 (16,8%)
Missing	1 (8,33%)	204 (7,13%)
Patients who felt weak:		
Not at all	1 (8,33%)	600 (21,0%)
A little	4 (33,3%)	891 (31,1%)
Quite a bit	2 (16,7%)	682 (23,8%)
Very much	5 (41,7%)	472 (16,5%)
Missing	-	197 (6,88%)
Patients who felt depressed:		
Not at all	4 (33,3%)	1073 (37,5%)
A little	3 (25,0%)	858 (30,0%)
Quite a bit	3 (25,0%)	429 (15,0%)
Very much	-	251 (8,77%)
Missing	2 (16,7%)	209 (7,30%)

Patients who were tired:

Not at all	1 (8,33%)	621 (21,7%)
A little	2 (16,7%)	927 (32,4%)
Quite a bit	4 (33,3%)	643 (22,5%)
Very much	4 (33,3%)	444 (15,5%)
Missing	-	200 (6,99%)

Patients whose pain interfered with their daily activities:

Not at all	1 (8,33%)	1081 (37,8%)
A little	3 (25,0%)	684 (23,9%)
Quite a bit	3 (25,0%)	480 (16,8%)
Very much	4 (33,3%)	365 (12,8%)
Missing	1 (8,33%)	215 (7,51%)

Patients who lacked appetite:

Not at all	3 (25,0%)	980 (34,2%)
A little	1 (8,33%)	721 (25,2%)
Quite a bit	5 (41,7%)	507 (17,7%)
Very much	3 (25,0%)	418 (14,6%)
Missing	-	206 (7,20%)

Just now**Patients who have pain:**

Not at all	5 (41,7%)	1172 (41,0%)
A little	2 (16,7%)	967 (33,8%)
Quite a bit	2 (16,7%)	355 (12,4%)
Very much	1 (8,33%)	138 (4,82%)
Missing	2 (16,7%)	205 (7,16%)

Patients who need a rest:

Not at all	2 (16,7%)	616 (21,5%)
A little	3 (25,0%)	1030 (36,0%)
Quite a bit	2 (16,7%)	635 (22,2%)
Very much	4 (33,3%)	332 (11,6%)
Missing	1 (8,33%)	219 (7,65%)

Patients who feel weak:

Not at all	4 (33,3%)	724 (25,3%)
A little	2 (16,7%)	964 (33,7%)
Quite a bit	1 (8,33%)	606 (21,2%)
Very much	4 (33,3%)	321 (11,2%)
Missing	1 (8,33%)	217 (7,58%)

Patients who are depressed:

Not at all	7 (58,3%)	1215 (42,5%)
A little	1 (8,33%)	857 (29,9%)
Quite a bit	-	350 (12,2%)
Very much	1 (8,33%)	179 (6,25%)
Missing	3 (25,0%)	221 (7,72%)

Patients who are tired:

Not at all	3 (25,0%)	745 (26,0%)
A little	3 (25,0%)	1024 (35,8%)
Quite a bit	2 (16,7%)	536 (18,7%)
Very much	3 (25,0%)	299 (10,4%)
Missing	1 (8,33%)	223 (7,79%)

Patients whose pain interferes with their daily activities:

Not at all	4 (33,3%)	1157 (40,4%)
A little	1 (8,33%)	748 (26,1%)
Quite a bit	1 (8,33%)	409 (14,3%)
Very much	3 (25,0%)	273 (9,54%)
Missing	3 (25,0%)	239 (8,35%)

Patients who lack appetite:

Not at all	4 (33,3%)	1071 (37,4%)
A little	3 (25,0%)	757 (26,5%)
Quite a bit	2 (16,7%)	459 (16,0%)
Very much	2 (16,7%)	303 (10,6%)
Missing	1 (8,33%)	233 (8,14%)

Reasons for change in appetite/food intake

Nausea/Vomiting	2 (16,7%)	552 (19,3%)
Inflammation in mouth	-	129 (4,51%)
Pain	1 (8,33%)	406 (14,2%)
Constipation	1 (8,33%)	248 (8,67%)
Diarrhea	2 (16,7%)	178 (6,22%)
Change in taste/smell	2 (16,7%)	415 (14,5%)
Early satiation/Loss of appetite	6 (50,0%)	663 (23,2%)
Other	1 (8,33%)	441 (15,4%)
Missing	-	97 (3,39%)

Maximum activity performed by patients

Able to do sports	-	121 (4,23%)
Fully active	3 (25,0%)	370 (12,9%)
Able to carry out light activities	1 (8,33%)	646 (22,6%)
Able to carry out self care	2 (16,7%)	732 (25,6%)
Able to carry out limited self care	1 (8,33%)	403 (14,1%)

Confined to bed or chair	5 (41,7%)	372 (13,0%)
Missing	-	207 (7,23%)
Patient takes additional (without prescription)		
Nothing	6 (50,0%)	1841 (64,3%)
Herbal tea	-	259 (9,05%)
Nutritional supplements	4 (33,3%)	274 (9,57%)
Multivitamin	-	134 (4,68%)
Other medication	1 (8,33%)	98 (3,42%)
Other	1 (8,33%)	131 (4,58%)
Missing	-	235 (8,21%)
Additional activities performed		
Nothing	10 (83,3%)	2056 (71,8%)
Psychotherapy	-	65 (2,27%)
Yoga	-	38 (1,33%)
Meditation	1 (8,33%)	112 (3,91%)
Progressive muscle relaxation	-	46 (1,61%)
Qigong	-	8 (0,28%)
Other	1 (8,33%)	318 (11,1%)
Missing	-	270 (9,43%)
Patients having difficulties in complying with treatment	3 (25,0%)	632 (22,1%)
Patients needing help to complete questionnaire	8 (66,7%)	1569 (54,8%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	7 (58,3%)	1913 (66,8%)

	YOUR RESULTS	REFERENCE RESULTS
1. Are you COVID-19 positive TODAY?		
Yes	15 (1.1%)	-
No	1047 (76.3%)	-
I do not know	80 (5.8%)	-
Missing	230 (16.8%)	-
2. Have you been tested COVID-19 positive in the last:		
0-3 months	96 (7.0%)	-
3-6 months	16 (1.2%)	-
6-12 months	24 (1.7%)	-
>1 year	39 (2.8%)	-
never	609 (44.4%)	-
I do not know	52 (3.8%)	-
Missing	536 (39.1%)	-
3. Have you been hospitalized during your COVID-19 infection?		
Yes	38 (2.8%)	-
No	758 (55.2%)	-
I do not know	99 (7.2%)	-
Missing	477 (34.8%)	-