



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2019 and for your effort. We are now able to present you your country report of the following sample size:

Number of participated center:	55
Number of participated units:	130
Number of patients:	1989
Number of patients who gave consent:	1866
Number of patients completing Sheet 3a:	1810
Number of patients completing Sheet 3b:	1817
Number of cancer patients:	300
Number of patients completing Sheet 2_onco:	54
Number of patients completing Sheet 3_onco:	54
Number of patients with 30-day outcome assessment:	1511

This report compares your country to international reference database based on data from nutritionDay 2016-2018.

The report consists of 5 parts:

Part I reflects capacity and staffing of your hospital.

Part II reflects the organisation and the structure of the units.

Part III describes the 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 your oncology Report.

Next year’s nutritionDay will take place in November 2020. Again, we would very much appreciate your participation. You will be provided with further information on a regular basis.

Best regards from the nutritionDay-Team!

Prof. Dr. Michael Hiesmayr

Sigrid Moick, MA

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

	YOUR RESULTS	REFERENCE RESULTS
1. Total number of beds in hospital	403 [246-592]	333 [194-630]
2. Total number of admissions in the hospital last year	16820 [10055-28263]	18005 [9101-36130]
3. Total number of staff in the hospital		
Total medical doctors	186 [137-362]	173 [80-399]
Medical specialists	202 [130-375]	116 [53-250]
Medical non-specialists	22 [8-89]	37 [14-84]
Nurses	553 [340-1048]	420 [183-836]
Dieticians	10 [6-16]	5 [2-9]
Nutritionists	1 [0-3]	1 [0-4]
Pharmacists	7 [4-13]	7 [4-21]
Kitchen staff	40 [26-68]	31 [15-59]
Full time equivalent		
Total medical doctors	176 [91-288]	148 [60-373]
Medical specialists	235 [94-271]	98 [45-251]
Medical non-specialists	20 [9-111]	36 [11-99]
Nurses	414 [273-847]	364 [180-788]
Dieticians	7 [5-12]	5 [2-8]
Nutritionists	0 [0-1]	1 [0-3]
Pharmacists	6 [4-12]	6 [3-18]
Kitchen staff	31 [20-46]	29 [15-55]
4. Does the hospital have a nutrition care strategy?	32 (86,5%) Yes	498 (79,4%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	29 (58,0%) Yes	434 (66,7%) Yes
Nutrition steering committee is available	35 (70,0%) Yes	388 (59,6%) Yes
Quality indicators are recorded and reported to national or regional level	34 (68,0%) Yes	263 (40,4%) Yes
Quality indicators are used for internal benchmarking	19 (38,0%) Yes	337 (51,8%) Yes
Patient feedback about food and food service is collected using a questionnaire	30 (60,0%) Yes	475 (73,0%) Yes
None	3 (6,0%) Yes	30 (4,6%) Yes
No answer given	13 (26,0%)	24 (3,7%)
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	17 (34,0%) Yes	313 (48,1%) Yes

Oral nutrition supplements	8 (16,0%) Yes	239 (36,7%) Yes
Parenteral nutrition	23 (46,0%) Yes	375 (57,6%) Yes
Enteral nutrition	19 (38,0%) Yes	334 (51,3%) Yes
Dietary counseling	10 (20,0%) Yes	235 (36,1%) Yes
Specific dietary interventions	12 (24,0%) Yes	181 (27,8%) Yes
Screening for malnutrition	19 (38,0%) Yes	187 (28,7%) Yes
Risk of malnutrition	17 (34,0%) Yes	160 (24,6%) Yes
Malnutrition (in general)	22 (44,0%) Yes	294 (45,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	21 (42,0%) Yes	280 (43,0%) Yes
No information available from billing/finance/controlling	12 (24,0%) Yes	109 (16,7%) Yes
No answer given	-	42 (6,5%)

Codes routinely used

Nutrition Support	15 (30,0%) Yes	270 (41,5%) Yes
Oral nutrition supplements	6 (12,0%) Yes	209 (32,1%) Yes
Parenteral nutrition	25 (50,0%) Yes	343 (52,7%) Yes
Enteral nutrition	20 (40,0%) Yes	307 (47,2%) Yes
Dietary counseling	8 (16,0%) Yes	198 (30,4%) Yes
Specific dietary interventions	10 (20,0%) Yes	159 (24,4%) Yes
Screening for malnutrition	17 (34,0%) Yes	149 (22,9%) Yes
Risk of malnutrition	14 (28,0%) Yes	128 (19,7%) Yes
Malnutrition (in general)	22 (44,0%) Yes	255 (39,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	21 (42,0%) Yes	242 (37,2%) Yes
No information available from billing/finance/controlling	11 (22,0%) Yes	120 (18,4%) Yes
No answer given	-	53 (8,1%)

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	15 (11,5%)	21.1%
Internal Medicine / Cardiology	8 (6,2%)	4.3%
Internal Medicine / Gastroenterology & hepatology	13 (10,0%)	7.8%
Internal Medicine / Geriatrics	43 (33,1%)	9.7%
Internal Medicine / Infectious diseases	1 (0,8%)	0.6%
Internal Medicine / Nephrology	1 (0,8%)	1.2%
Internal Medicine / Oncology (incl. radiotherapy)	8 (6,2%)	8.1%
Interdisciplinary	2 (1,5%)	3.4%
Long term care	14 (10,8%)	2.0%
Neurology	5 (3,8%)	3.6%
Surgery / General	5 (3,8%)	15.7%
Surgery/ Cardiac/Vascular/Thoracic	1 (0,8%)	1.4%
Surgery / Neurosurgery	0 (0,0%)	0.9%
Surgery / Orthopedic	3 (2,3%)	4.2%
Trauma	0 (0,0%)	0.9%
Ear Nose Throat (ENT)	0 (0,0%)	1.7%
Gynecology / Obstetrics	1 (0,8%)	1.4%
Pediatrics	0 (0,0%)	0.1%
Psychiatry	1 (0,8%)	0.9%
Others	9 (6,9%)	11.1%
2. Number of registered inpatients at noon	22 [19-24]	25 [19-32]
3. Total bed capacity of the unit	26 [24-30]	30 [24-40]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	2 [1-3]	4 [2-7]
Nurses	4 [3-5]	5 [3-8]
Nursing aides	1 [1-2]	2 [1-4]
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 [0-2]	1 [0-2]
In training		
Medical doctors	1 [0-2]	1 [0-3]
Medical students	0 [0-1]	0 [0-2]
Nurses	2 [1-3]	1 [0-3]

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

5. Is there a nutrition support team in your hospital available? 94 (91,3%) Yes 1018 (78,3%) Yes

6. Does the unit have a nutrition care strategy? 81 (78,6%) Yes 984 (75,7%) Yes

7. Is there a person in your unit responsible for nutrition care? 76 (73,8%) Yes 922 (70,9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 123 (96,9%) Yes 1239 (90,8%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 71 (68,9%) Yes 780 (60,0%) Yes

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

At admission

No routine screening	4 (3,1%) Yes	109 (7,6%)
No fixed criteria	1 (0,77%) Yes	21 (1,5%)
Experience / visual assessment only	6 (4,6%) Yes	102 (7,1%)
Weighing / BMI only	18 (13,8%) Yes	201 (14,1%)
Nutritional Risk Screening (NRS) 2002	69 (53,1%) Yes	462 (32,3%)
Malnutrition Universal Screening Tool (MUST)	9 (6,9%) Yes	81 (5,7%)
Malnutrition Screening tool (MST)	-	115 (8,0%)
SNAQ	2 (1,5%) Yes	13 (0,91%)
Other formal tool	14 (10,8%) Yes	249 (17,4%)
I do not know	4 (3,1%) Yes	11 (0,77%)
Missing	3 (2,3%)	66 (4,6%)

During hospital stay

No routine monitoring	6 (4,6%) Yes	133 (9,3%)
No fixed criteria	8 (6,2%) Yes	118 (8,3%)
Experience / visual assessment only	18 (13,8%) Yes	235 (16,4%)
Weighing / BMI only	64 (49,2%) Yes	471 (32,9%)
Other formal tool	23 (17,7%) Yes	375 (26,2%)
I do not know	8 (6,2%) Yes	32 (2,2%)
Missing	3 (2,3%)	66 (4,6%)

11a. Do you routinely use guidelines or standards for nutrition care? 79 (78,2%) Yes 1043 (82,1%) Yes

11b. If yes, which one is mainly used?			
International guidelines	41 (51,9%)	Yes	257 (24,6%)
National guidelines	4 (5,1%)	Yes	166 (15,9%)
Standards on hospital level	18 (22,8%)	Yes	378 (36,2%)
Standards on unit level	9 (11,4%)	Yes	65 (6,2%)
Individual patient nutrition care plans	7 (8,9%)	Yes	155 (14,9%)
Other	-	-	11 (1,1%)
Missing	-	-	11 (1,1%)

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

At risk

Watchful waiting	22 (16,9%)	Yes	399 (27,9%)
Discuss nutrition care activities during ward rounds	42 (32,3%)	Yes	614 (42,9%)
Develop an individual nutrition care plan	57 (43,8%)	Yes	720 (50,3%)
Initiate treatment / nutrition intervention	68 (52,3%)	Yes	820 (57,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	61 (46,9%)	Yes	828 (57,9%)
Consult a medical professional	41 (31,5%)	Yes	505 (35,3%)
Calculate energy requirements	39 (30,0%)	Yes	652 (45,6%)
Calculate protein requirements	37 (28,5%)	Yes	630 (44,1%)

Malnourished

Watchful waiting	23 (17,7%)	Yes	280 (19,6%)
Discuss nutrition care activities during ward rounds	49 (37,7%)	Yes	675 (47,2%)
Develop an individual nutrition care plan	65 (50,0%)	Yes	792 (55,4%)
Initiate treatment / nutrition intervention	76 (58,5%)	Yes	884 (61,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	62 (47,7%)	Yes	823 (57,6%)
Consult a medical professional	60 (46,2%)	Yes	579 (40,5%)
Calculate energy requirements	61 (46,9%)	Yes	763 (53,4%)
Calculate protein requirements	60 (46,2%)	Yes	745 (52,1%)

Every patient

Watchful waiting	83 (63,8%)	Yes	700 (49,0%)
Discuss nutrition care activities during ward rounds	46 (35,4%)	Yes	358 (25,0%)
Develop an individual nutrition care plan	32 (24,6%)	Yes	250 (17,5%)
Initiate treatment / nutrition intervention	22 (16,9%)	Yes	197 (13,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	44 (33,8%)	Yes	264 (18,5%)
Consult a medical professional	33 (25,4%)	Yes	307 (21,5%)
Calculate energy requirements	19 (14,6%)	Yes	186 (13,0%)
Calculate protein requirements	18 (13,8%)	Yes	168 (11,7%)

Never

Watchful waiting	2 (1,5%)	Yes	105 (7,3%)
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Discuss nutrition care activities during ward rounds	4 (3,1%) Yes	77 (5,4%)
Develop an individual nutrition care plan	2 (1,5%) Yes	62 (4,3%)
Initiate treatment / nutrition intervention	-	19 (1,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	20 (1,4%)
Consult a medical professional	3 (2,3%) Yes	146 (10,2%)
Calculate energy requirements	14 (10,8%) Yes	141 (9,9%)
Calculate protein requirements	11 (8,5%) Yes	165 (11,5%)

I do not know

Watchful waiting	1 (0,77%) Yes	71 (5,0%)
Discuss nutrition care activities during ward rounds	4 (3,1%) Yes	54 (3,8%)
Develop an individual nutrition care plan	2 (1,5%) Yes	41 (2,9%)
Initiate treatment / nutrition intervention	2 (1,5%) Yes	34 (2,4%)
Consult a nutrition expert (dietician, nutritionist, etc.)	2 (1,5%) Yes	33 (2,3%)
Consult a medical professional	9 (6,9%) Yes	86 (6,0%)
Calculate energy requirements	6 (4,6%) Yes	65 (4,5%)
Calculate protein requirements	10 (7,7%) Yes	71 (5,0%)

13. When do you routinely weigh your patients?

at admission	75 (57,7%) Yes	928 (64,9%)
Within 24 hours	26 (20,0%) Yes	210 (14,7%)
Within 48 hours	12 (9,2%) Yes	79 (5,5%)
Within 72 hours	2 (1,5%) Yes	39 (2,7%)
Every week	83 (63,8%) Yes	627 (43,8%)
Occasionally	6 (4,6%) Yes	158 (11,0%)
When requested	57 (43,8%) Yes	728 (50,9%)
At discharge	8 (6,2%) Yes	67 (4,7%)
Never	-	17 (1,2%)
I do not know	3 (2,3%) Yes	6 (0,42%)
No answer given	3 (16,7%)	69 (4,8%)

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

Offer additional meals or in between snacks	111 (85,4%) Yes	1096 (76,6%)
Offer meal choices	109 (83,8%) Yes	1055 (73,8%)
Offer different portion sizes	122 (93,8%) Yes	934 (65,3%)
Consider food presentation	35 (26,9%) Yes	502 (35,1%)
Change food texture/consistency as needed	123 (94,6%) Yes	1175 (82,2%)
Consider patient problems with eating and drinking	114 (87,7%) Yes	1166 (81,5%)
Ensure that mealtimes are undisturbed/protected mealtime policy	27 (20,8%) Yes	324 (22,7%)
Promote positive eating environment	35 (26,9%) Yes	419 (29,3%)
Consider cultural/religious preferences	120 (92,3%) Yes	903 (63,1%)
Consider patient allergies / intolerances	124 (95,4%) Yes	1045 (73,1%)
Other	9 (6,9%) Yes	103 (7,2%)

I do not know	3 (2,3%)	Yes	26 (1,8%)
No answer given	3 (2,3%)		67 (4,7%)

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

Nutrition training is available	67 (51,5%)	Yes	821 (57,4%)
Reporting of nutrition related information to hospital managers	47 (36,2%)	Yes	608 (42,5%)
Quality indicators are recorded and reported to national or regional level	61 (46,9%)	Yes	448 (31,3%)
Quality indicators are used for internal benchmarking	23 (17,7%)	Yes	513 (35,9%)
Patient feedback about food and food service is collected using a questionnaire	75 (57,7%)	Yes	884 (61,8%)
None	1 (0,77%)	Yes	41 (2,9%)
I do not know	6 (4,6%)	Yes	61 (4,3%)
No answer given	27 (20,8%)		151 (10,6%)

16. At admission what is asked and documented?

Change in weight	87 (66,9%)	Yes	1104 (77,2%)
Eating habits/difficulties	85 (65,4%)	Yes	1041 (72,8%)
Nutrition before admission	69 (53,1%)	Yes	823 (57,6%)
None	-		18 (1,3%)
I do not know	3 (2,3%)	Yes	33 (2,3%)
No answer given	27 (20,8%)		153 (10,7%)

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	98 (75,4%)	Yes	1037 (72,5%)
nutrition treatment	78 (60,0%)	Yes	837 (58,5%)
None	-		65 (4,5%)
I do not know	3 (2,3%)	Yes	42 (2,9%)

b. Discharge Letter ...

summarizes nutrition treatment received during stay	67 (51,5%)	Yes	592 (41,4%)
makes future nutrition-related recommendations	81 (62,3%)	Yes	816 (57,1%)
None	4 (3,1%)	Yes	137 (9,6%)
I do not know	12 (9,2%)	Yes	128 (9,0%)

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	57 (59,4%)	Yes	519 (45,2%)	Yes
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19. Who filled in this sheet?

Head staff	60 (46,2%)	Yes	411 (28,7%)
Dietician	76 (58,5%)	Yes	717 (50,1%)
Nurse	24 (18,5%)	Yes	388 (27,1%)

Physician	5 (3,8%) Yes	175 (12,2%)
Administrative staff	4 (3,1%) Yes	13 (0,91%)
Other	3 (2,3%) Yes	71 (5,0%)
None	-	-
I do not know	2 (1,5%) Yes	15 (1,0%)

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

	YOUR RESULTS	REFERENCE RESULTS
Total	1866	27195
Age	77 [66-86]	67 [53-78]
Female	1065 (57,1%)	13525 (49,7%)
Weight	71,9±18,3	69,9±18,9
Height	166±9	165±10
BMI	26,1±6,1	25,5±5,9

1. This hospital admission was...

planned	564 (30,2%)	9881 (36,3%)
an emergency	1155 (61,9%)	14977 (55,1%)
I do not know	147 (7,9%)	2337 (8,6%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	216 (11,6%)	2442 (9,0%)
0200 Neoplasms	188 (10,1%)	4873 (17,9%)
0300 Blood and bloodforming organs and the immune mechanism	125 (6,7%)	1724 (6,3%)
0400 Endocrine, nutritional and metabolic diseases	204 (10,9%)	3266 (12,0%)
0500 Mental health	190 (10,2%)	1218 (4,5%)
0600 Nervous system	233 (12,5%)	2493 (9,2%)
0700 Eye and adnexa	20 (1,1%)	339 (1,2%)
0800 Ear and mastoid process	12 (0,64%)	172 (0,63%)
0900 Circulatory system	414 (22,2%)	5629 (20,7%)
1000 Respiratory system	379 (20,3%)	4217 (15,5%)
1100 Digestive system	363 (19,5%)	6840 (25,2%)
1200 Skin and subcutaneous tissue	73 (3,9%)	1244 (4,6%)
1300 Musculoskeletal system and connective tissue	437 (23,4%)	4246 (15,6%)
1400 Genitourinary system	191 (10,2%)	2809 (10,3%)
1500 Pregnancy, childbirth and the puerperium	5 (0,27%)	222 (0,82%)
1600 Conditions originating in the perinatal period	1 (0,05%)	36 (0,13%)
1700 Congenital/chromosomal abnormalities	2 (0,11%)	52 (0,19%)
1800 Symptoms, signs, abnormal clinical/lab findings	104 (5,6%)	1319 (4,9%)
1900 Injury, poisoning	108 (5,8%)	724 (2,7%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	57 (3,1%)	671 (2,5%)
2100 Factors influencing health status and contact with health services	115 (6,2%)	990 (3,6%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	429 (24,7%)	5264 (21,3%)
Myocardial infarction	109 (6,3%)	1338 (5,5%)
Chronic lung disease	343 (19,7%)	3466 (14,1%)
Cerebral vascular disease	191 (11,0%)	2274 (9,3%)
Peripheral vascular disease	280 (16,1%)	2842 (11,6%)
Chronic liver disease	70 (4,1%)	1477 (6,1%)
Chronic kidney disease	244 (14,1%)	2817 (11,6%)
Diabetes	436 (25,0%)	5968 (24,2%)
Cancer	300 (17,2%)	5709 (23,2%)
Infection	280 (16,2%)	3578 (14,6%)
Dementia	251 (14,3%)	1229 (5,1%)
Major depressive disorder	186 (10,7%)	1233 (5,1%)
Other chronic mental disorder	113 (6,6%)	1229 (5,1%)
Other chronic disease	412 (23,8%)	6369 (25,9%)
None	230 (12,3%)	4869 (17,9%)

4a. Previous operation during this hospital stay

Yes, planned	225 (12,1%)	5304 (19,5%)
Yes, acute	61 (3,3%)	1634 (6,0%)
No	1125 (60,3%)	17917 (65,9%)
I do not know	24 (1,3%)	313 (1,2%)
Missing	431 (23,1%)	2027 (7,5%)

Days since operation	9 [2-20]	3 [1-11]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	18 (0,96%)	1998 (7,3%)
Yes, later	17 (0,91%)	1411 (5,2%)
No	1292 (69,2%)	19908 (73,2%)
I do not know	104 (5,6%)	1082 (4,0%)
Missing	435 (23,3%)	2796 (10,3%)

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

119 (8,2%)	2731 (10,6%)
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6. Is this patient terminally ill?

44 (2,4%)	1729 (6,4%)
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7. Fluid status

Normal	1420 (76,1%)	20820 (76,6%)
Overloaded	147 (7,9%)	1466 (5,4%)
Dehydrated	98 (5,3%)	1298 (4,8%)
I do not know	201 (10,8%)	3611 (13,3%)
Missing	-	-

8. Number of different medications planned

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

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

Malnourished	411 (22,0%)	3264 (12,0%)
At risk	481 (25,8%)	4856 (17,9%)
No	840 (45,0%)	16820 (61,8%)
I do not know	134 (7,2%)	2255 (8,3%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	332 (17,8%)	9496 (34,9%)
5% Glucose solution	196 (10,5%)	2615 (9,6%)

11. Number of ONS drinks planned

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

Regular hospital food	972 (52,1%)	15788 (58,1%)
Fortified/enriched hospital food	710 (38,0%)	3133 (11,5%)
Protein/energy supplement (e.g. ONS drinks)	558 (29,9%)	4012 (14,8%)
Enteral nutrition	37 (2,0%)	1315 (4,8%)
Parenteral nutrition	23 (1,2%)	1286 (4,7%)
Special diet	642 (34,4%)	8834 (32,5%)
None	48 (2,6%)	1283 (4,7%)

13a. All lines and Tubes

Central Venous	96 (6,6%)	2360 (9,2%)
Peripheral venous access	435 (30,0%)	12501 (48,7%)
Nasogastric	9 (0,62%)	680 (2,6%)
Nasojejunal	6 (0,41%)	135 (0,53%)
Nasoduodenal	4 (0,28%)	99 (0,39%)
Enterostoma	4 (0,28%)	126 (0,49%)
Percutaneous endoscopy/surgical gastrostomy	8 (0,55%)	234 (0,91%)
Percutaneous endoscopy/surgical jejunostomy	6 (0,41%)	95 (0,37%)
None	1334 (71,5%)	12303 (45,2%)

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

Yes, previously	11 (0,59%)	362 (1,3%)
Yes, ongoing	12 (0,64%)	227 (0,83%)
No	1080 (57,9%)	21227 (78,1%)
I do not know	230 (12,3%)	2312 (8,5%)
Missing	533 (28,6%)	3067 (11,3%)

14. Please indicate if any of the following was done for this patient since admission

Energy requirements were determined	635 (43,9%)	9593 (37,3%)
Protein requirements were determined	567 (39,2%)	8543 (33,3%)
Food/Nutrition intake was recorded in the patient record	810 (55,9%)	11079 (43,1%)
Nutrition treatment plan was developed	774 (53,5%)	9042 (35,2%)
Nutrition expert was consulted	1012 (69,9%)	9313 (36,3%)
Malnutrition status is recorded in the patient record	781 (53,9%)	8238 (32,1%)
None	-	-

15a. Energy goal

< 500 kcal	39 (2,1%)	1046 (3,8%)
500-999 kcal	7 (0,38%)	269 (0,99%)
1000-1499 kcal	40 (2,1%)	2400 (8,8%)
1500-1999 kcal	461 (24,7%)	8218 (30,2%)
>=2000 kcal	307 (16,5%)	2704 (9,9%)
Not determined	501 (26,8%)	8749 (32,2%)
I do not know	93 (5,0%)	2265 (8,3%)
Missing	418 (22,4%)	1544 (5,7%)

15b. Energy intake

< 500 kcal	45 (2,4%)	1697 (6,2%)
500-999 kcal	42 (2,3%)	1257 (4,6%)
1000-1499 kcal	178 (9,5%)	3424 (12,6%)
1500-1999 kcal	360 (19,3%)	5999 (22,1%)
>=2000 kcal	110 (5,9%)	1448 (5,3%)
Not determined	532 (28,5%)	8533 (31,4%)
I do not know	181 (9,7%)	3276 (12,0%)
Missing	418 (22,4%)	1561 (5,7%)

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

Improved	683 (36,6%)	12837 (47,2%)
Deteriorated	77 (4,1%)	1433 (5,3%)
Remained the same	393 (21,1%)	7057 (25,9%)
This patient has just been admitted	155 (8,3%)	1699 (6,2%)
I do not know	140 (7,5%)	2663 (9,8%)
Missing	418 (22,4%)	1506 (5,5%)

Length of hospital stay (days)	18 [10-29]	12 [6-23]
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Outcome Code

1= Still in the hospital	167 (8,9%)	2601 (9,6%)
2= Transferred to another hospital	28 (1,5%)	571 (2,1%)
3= Transferred to long term care	234 (12,5%)	1107 (4,1%)

4= Rehabilitation	51 (2,7%)	1222 (4,5%)
5= Discharged home	938 (50,3%)	20149 (74,1%)
6= Death	53 (2,8%)	845 (3,1%)
7= Others	40 (2,1%)	507 (1,9%)
Missing	355 (19,0%)	193 (0,71%)

Readmitted since ND

1= No	933 (71,5%)	18115 (75,8%)
2= Yes, same hospital planned	71 (5,4%)	1637 (6,9%)
3= Yes, same hospital unplanned	84 (6,4%)	1465 (6,1%)
4= Yes, different hospital planned	6 (0,46%)	112 (0,47%)
5= Yes, different hospital unplanned	6 (0,46%)	112 (0,47%)
6= Unknown	22 (1,7%)	796 (3,3%)
Missing	183 (14,0%)	1597 (6,7%)

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

	YOUR RESULTS	REFERENCE RESULTS
1. What are your typical dietary habits?		
No special dietary habits	1028 (56,8%)	17526 (66,5%)
I am vegetarian	23 (1,3%)	510 (1,9%)
I adhere to a vegan diet	1 (0,06%)	193 (0,73%)
I eat gluten-free diet	11 (0,61%)	244 (0,93%)
I avoid added sugars	230 (12,7%)	3934 (14,9%)
I avoid carbohydrates	38 (2,1%)	1502 (5,7%)
I eat a low fat-diet	89 (4,9%)	2899 (11,0%)
I am lactose intolerant	23 (1,3%)	946 (3,6%)
Other special diet due to intolerances/allergies	28 (1,5%)	469 (1,8%)
Other	107 (5,9%)	1854 (7,0%)
No answer given	415 (22,9%)	1891 (7,2%)
2. Where did you live before your current hospital admission?		
At home	1146 (63,3%)	22025 (83,6%)
In a nursing home or other live-in facility	156 (8,6%)	836 (3,2%)
I was transferred from another hospital	69 (3,8%)	1411 (5,4%)
Other	17 (0,94%)	374 (1,4%)
Missing	422 (23,3%)	1694 (6,4%)
3. In general, are you able to walk?		
Yes	690 (38,1%)	16014 (60,8%)
Yes, with someone's help	169 (9,3%)	2580 (9,8%)
Yes, independently using a cane, walker, or crutches	390 (21,5%)	3466 (13,2%)
No, I have a wheelchair	64 (3,5%)	1033 (3,9%)
No, I am bedridden	73 (4,0%)	1462 (5,6%)
Missing	424 (23,4%)	1785 (6,8%)
4. In general, how would you say your health is?		
Very good	88 (4,9%)	1854 (7,0%)
Good	503 (27,8%)	8966 (34,0%)
Fair	572 (31,6%)	9409 (35,7%)
Poor	170 (9,4%)	3513 (13,3%)
Very poor	50 (2,8%)	824 (3,1%)
Missing	427 (23,6%)	1774 (6,7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	7 [3-12]	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?	6 [0-20]	5 [0-15]
--	----------	----------

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

1-2	159 (8,8%)	4936 (18,7%)
3-5	347 (19,2%)	6672 (25,3%)
More than 5	733 (40,5%)	7906 (30,0%)
None	100 (5,5%)	3926 (14,9%)
I do not know	45 (2,5%)	1077 (4,1%)
Missing	426 (23,5%)	1823 (6,9%)

7. Do you have health insurance?

Yes, private insurance only	333 (18,4%)	4253 (16,1%)
Yes, public insurance only	480 (26,5%)	12350 (46,9%)
Yes, both	129 (7,1%)	3229 (12,3%)
None	122 (6,7%)	2938 (11,2%)
I prefer not to answer	250 (13,8%)	1314 (5,0%)
Missing	496 (27,4%)	2256 (8,6%)

8. What was your weight 5 years ago?

	75 [63-85]	72 [60-85]
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I do not know	385 (21,3%)	6267 (23,8%)
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9a. Have you lost weight within the last 3 months?

Yes, intentionally	119 (6,6%)	2468 (9,4%)
Yes, unintentionally	734 (40,6%)	10065 (38,2%)
No, my weight stayed the same	539 (29,8%)	7869 (29,9%)
No, I gained weight	216 (11,9%)	2857 (10,8%)
I do not know	170 (9,4%)	2512 (9,5%)
Missing	32 (1,8%)	569 (2,2%)

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

	6 [3-10]	6 [4-10]
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I do not know	151 (17,7%)	1997 (15,9%)
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10. Did you know about your hospitalisation two days before admission? (Yes)

	374 (28,4%)	9602 (40,6%)
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11. Please indicate if you ...

... were weighed at admission	905 (65,1%)	14112 (57,4%)
... were informed about your nutrition status	682 (49,2%)	8364 (34,3%)
... were informed about nutrition care options	736 (53,2%)	7769 (31,9%)
... received special nutrition care	685 (49,7%)	7463 (30,7%)

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

More than normal	47 (2,6%)	1163 (4,4%)
Normal	996 (54,8%)	15832 (60,4%)

About 3/4 of normal	239 (13,2%)	2728 (10,4%)
About half of normal	303 (16,7%)	3287 (12,5%)
About a quarter to nearly nothing	178 (9,8%)	2496 (9,5%)
I do not know	13 (0,72%)	264 (1,0%)
Missing	41 (2,3%)	443 (1,7%)

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

Very satisfied	250 (13,8%)	6066 (23,1%)
Somewhat satisfied	644 (35,4%)	8166 (31,2%)
Neutral	218 (12,0%)	4867 (18,6%)
Dissatisfied	159 (8,8%)	2103 (8,0%)
Very dissatisfied	50 (2,8%)	726 (2,8%)
I do not know	55 (3,0%)	2021 (7,7%)
Missing	441 (24,3%)	2264 (8,6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	28 (1,5%)	2448 (9,3%)
Yes, from hospital staff	182 (10,0%)	1670 (6,4%)
No	1120 (61,6%)	19193 (73,2%)
I do not know	14 (0,77%)	302 (1,2%)
Missing	473 (26,0%)	2600 (9,9%)

15. Were you able to eat without interruption TODAY? (Yes)	1056 (80,5%)	17231 (74,2%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	820 (45,1%)	12095 (46,1%)
1/2	531 (29,2%)	6486 (24,7%)
1/4	241 (13,3%)	3353 (12,8%)
Nothing	167 (9,2%)	3130 (11,9%)
Missing	58 (3,2%)	1149 (4,4%)

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

Standard	966 (53,2%)	15979 (61,0%)
Smaller	156 (8,6%)	2367 (9,0%)
Larger	75 (4,1%)	1119 (4,3%)
I do not know	86 (4,7%)	2429 (9,3%)
Missing	534 (29,4%)	4319 (16,5%)

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

I did not like the type of food offered	161 (17,1%)	2061 (15,9%)
I did not like the smell/taste of the food	89 (9,5%)	1569 (12,1%)
The food did not fit my cultural/religious preferences	7 (0,75%)	143 (1,1%)
The food was too hot	6 (0,64%)	59 (0,45%)

The food was too cold	14 (1,5%)	296 (2,3%)
Due to food allergy/intolerance	3 (0,32%)	96 (0,74%)
I was not hungry at that time	204 (21,7%)	2205 (17,0%)
I do not have my usual appetite	224 (23,9%)	3830 (29,5%)
I have problems chewing/swallowing	44 (4,7%)	761 (5,9%)
I normally eat less than what was served	121 (12,9%)	1427 (11,0%)
I had nausea/vomiting	51 (5,4%)	1029 (7,9%)
I was too tired	64 (6,8%)	789 (6,1%)
I cannot eat without help	9 (0,96%)	208 (1,6%)
I was not allowed to eat	46 (4,9%)	1289 (9,9%)
I had an exam, surgery, or test and missed my meal	47 (5,0%)	766 (5,9%)
I did not get requested food	3 (0,32%)	139 (1,1%)
No answer given	243 (25,9%)	1829 (14,1%)

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

Water	4 [3-6]	3 [2-5]
Tea	0 [0-2]	1 [0-2]
Coffee	2 [2-3]	1 [1-2]
Milk	0 [0-1]	1 [0-1]
Fruit juice	0 [0-1]	1 [0-2]
Soft drinks	1 [0-2]	0 [0-1]
Nutrition drink	1 [0-1]	0 [0-1]
Other	1 [0-1]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? 386 (29,6%) 6580 (28,9%)

19b. If yes, what did you eat?

Sweet snacks	205 (53,1%)	1928 (29,3%)
Salty snacks	36 (9,3%)	749 (11,4%)
Homemade food	38 (9,8%)	963 (14,6%)
Fruits	130 (33,7%)	2551 (38,8%)
Dairy products	44 (11,4%)	724 (11,0%)
Food delivered/restaurant	9 (2,3%)	293 (4,5%)
Sandwich	19 (4,9%)	421 (6,4%)
Other	40 (10,4%)	1042 (15,8%)

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

Increased	253 (13,9%)	3706 (14,1%)
Decreased	323 (17,8%)	7774 (29,7%)
Stayed the same	658 (36,2%)	10331 (39,4%)
I do not know	105 (5,8%)	1690 (6,4%)
Missing	478 (26,3%)	2712 (10,3%)

21. TODAY I feel...

Stronger than at admission	754 (41,5%)	11240 (42,9%)
Weaker than at admission	330 (18,2%)	4893 (18,7%)
Same as at admission	555 (30,5%)	7428 (28,3%)
I was admitted today	50 (2,8%)	662 (2,5%)
I do not know	85 (4,7%)	1384 (5,3%)
Missing	43 (2,4%)	606 (2,3%)

22. Can you walk without assistance TODAY?

Yes	849 (46,7%)	15438 (58,9%)
No, only with assistance	644 (35,4%)	6458 (24,6%)
No, I stay in bed	195 (10,7%)	3018 (11,5%)
Missing	129 (7,1%)	1299 (5,0%)

23. Did anyone help you complete this questionnaire?	1064 (77,5%)	15731 (65,1%)
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V. Oncology: Unit organisation and structures ("Sheet 1 onco")

	YOUR RESULTS	REFERENCE RESULTS
Number of units with cancer patients:	14	331
Computerized system in hospital:	14 units (100%) YES	312 units (94%) YES
Nutritional treatment of cancer patients is part of overall care plan	14 units (100%) YES	297 units (90%) YES
Nutritional treatment is considered...		
Routinely	-	195 (58,9%)
When patient asks	-	88 (26,6%)
When body weight loss > 10%	-	111 (33,5%)
During palliative phase	-	91 (27,5%)
Other	-	23 (6,95%)
Missing	-	31 (9,37%)
Nutritional treatment is not part of the comprehensive approach due to		
Lack of evidence	-	10 (3,02%)
No knowledge of the field	-	11 (3,32%)
No reimbursement	-	8 (2,42%)
It feeds the tumour	-	2 (0,60%)
Other	-	12 (3,63%)
Nutritional therapy used for cancer patients		
Nutrition according to nutrition plan	-	217 (65,6%)
Calculation of energy needs	-	238 (71,9%)
Monitoring patients intake and use of oral supplements	-	283 (85,5%)
None	-	7 (2,11%)
Other	-	16 (4,83%)
Missing	-	8 (2,42%)
Nutritional therapy is not used due to		
Lack of evidence	-	3 (0,91%)
Lack of experience	-	9 (2,72%)
No reimbursement	-	5 (1,51%)
Lack of dietitians	-	14 (4,23%)
Lack of other experts	-	4 (1,21%)
Other	-	7 (2,11%)
Missing	-	1 (0,30%)
Assessment of parameters in cancer patients & methods used:		

Anthropometry/Body composition:**Body weight**

Regularly	8 (57,1%)	224 (67,7%)
At chemotherapy	6 (42,9%)	53 (16,0%)
When necessary	-	43 (13,0%)
Never	-	4 (1,21%)
Unknown	-	3 (0,91%)
Missing	-	4 (1,21%)

Anthropometrics (circumference)

Regularly	1 (7,14%)	38 (11,5%)
At chemotherapy	-	7 (2,11%)
When necessary	3 (21,4%)	118 (35,6%)
Never	10 (71,4%)	143 (43,2%)
Unknown	-	10 (3,02%)
Missing	-	15 (4,53%)

BIA

Regularly	-	12 (3,63%)
At chemotherapy	-	4 (1,21%)
When necessary	1 (7,14%)	102 (30,8%)
Never	13 (92,9%)	187 (56,5%)
Unknown	-	12 (3,63%)
Missing	-	14 (4,23%)

CT SCAN

Regularly	2 (14,3%)	13 (3,93%)
At chemotherapy	-	4 (1,21%)
When necessary	3 (21,4%)	84 (25,4%)
Never	9 (64,3%)	199 (60,1%)
Unknown	-	18 (5,44%)
Missing	-	13 (3,93%)

DEXA

Regularly	1 (7,14%)	6 (1,81%)
At chemotherapy	-	1 (0,30%)
When necessary	3 (21,4%)	55 (16,6%)
Never	10 (71,4%)	227 (68,6%)
Unknown	-	27 (8,16%)
Missing	-	15 (4,53%)

Other (body composition)

Regularly	1 (7,14%)	6 (1,81%)
At chemotherapy	-	1 (0,30%)

When necessary	2 (14,3%)	47 (14,2%)
Never	5 (35,7%)	113 (34,1%)
Unknown	1 (7,14%)	47 (14,2%)
Missing	5 (35,7%)	117 (35,3%)

Body function:

Handgrip

Regularly	-	16 (4,83%)
At chemotherapy	-	9 (2,72%)
When necessary	5 (35,7%)	98 (29,6%)
Never	9 (64,3%)	176 (53,2%)
Unknown	-	16 (4,83%)
Missing	-	16 (4,83%)

6-minutes walking test

Regularly	-	12 (3,63%)
At chemotherapy	-	7 (2,11%)
When necessary	5 (35,7%)	76 (23,0%)
Never	9 (64,3%)	193 (58,3%)
Unknown	-	21 (6,34%)
Missing	-	22 (6,65%)

Other (body function)

Regularly	1 (7,14%)	16 (4,83%)
At chemotherapy	-	1 (0,30%)
When necessary	2 (14,3%)	60 (18,1%)
Never	6 (42,9%)	120 (36,3%)
Unknown	-	45 (13,6%)
Missing	5 (35,7%)	89 (26,9%)

Nutritional requirements, calculated

Regularly	6 (42,9%)	107 (32,3%)
At chemotherapy	-	3 (0,91%)
When necessary	7 (50,0%)	160 (48,3%)
Never	-	15 (4,53%)
Unknown	-	5 (1,51%)
Missing	1 (7,14%)	41 (12,4%)

Nutritional intake:

Every meal

Regularly	2 (14,3%)	84 (25,4%)
At chemotherapy	-	3 (0,91%)
When necessary	9 (64,3%)	143 (43,2%)
Never	-	39 (11,8%)

Unknown	-	17 (5,14%)
Missing	3 (21,4%)	45 (13,6%)
1 meal per day		
Regularly	1 (7,14%)	26 (7,85%)
At chemotherapy	1 (7,14%)	3 (0,91%)
When necessary	5 (35,7%)	112 (33,8%)
Never	-	67 (20,2%)
Unknown	1 (7,14%)	21 (6,34%)
Missing	6 (42,9%)	102 (30,8%)
2 meals per day		
Regularly	1 (7,14%)	26 (7,85%)
At chemotherapy	1 (7,14%)	1 (0,30%)
When necessary	5 (35,7%)	109 (32,9%)
Never	-	69 (20,8%)
Unknown	1 (7,14%)	20 (6,04%)
Missing	6 (42,9%)	106 (32,0%)
24h recall		
Regularly	6 (42,9%)	67 (20,2%)
At chemotherapy	2 (14,3%)	8 (2,42%)
When necessary	3 (21,4%)	130 (39,3%)
Never	-	43 (13,0%)
Unknown	-	16 (4,83%)
Missing	3 (21,4%)	67 (20,2%)
Other (nutritional intake)		
Regularly	-	12 (3,63%)
At chemotherapy	-	1 (0,30%)
When necessary	2 (14,3%)	61 (18,4%)
Never	2 (14,3%)	55 (16,6%)
Unknown	-	43 (13,0%)
Missing	10 (71,4%)	159 (48,0%)
Questionnaire completed by		
Dietitian	10 (71,4%)	142 (42,9%)
Nurse	2 (14,3%)	83 (25,1%)
Physician	2 (14,3%)	75 (22,7%)
Nutritional scientist	-	22 (6,65%)
Other	-	2 (0,60%)
Missing	-	7 (2,11%)

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

	YOUR RESULTS	REFERENCE RESULTS
Number of patients completing Sheet 2_onco:	54	3278
Demographic data:		
Age (years)	71 [34-88]	64 [18-102]
Female gender	23 (42,6%)	1437 (43,8%)
Weight (kg)	76,2 ± 20,8	65,7 ± 16,5
Height (cm)	169,2 ± 9,1	165,3 ± 9,9
BMI (kg/m ²)	26,3 ± 5,9	23,9 ± 4,9
Outpatient (o)/Ward (w)		
Outpatient(o)	-	166 (5,06%)
Ward (w)	54 (100%)	3101 (94,6%)
Missing	-	11 (0,34%)
Goal of Therapy		
Curative	29 (53,7%)	1959 (59,8%)
Palliative	25 (46,3%)	1091 (33,3%)
Terminal	-	153 (4,67%)
Missing	-	75 (2,29%)
Reason for admission		
Clinical diagnostics	-	408 (12,4%)
Therapy	-	1529 (46,6%)
Surgery related	-	631 (19,2%)
Treatment complications	-	459 (14,0%)
Poor health status	-	430 (13,1%)
Independent care difficult	-	29 (0,88%)
Missing	-	-
Present cancer diagnosis		
Breast	-	236 (7,20%)
Colon, rectum	-	504 (15,4%)
Prostate	-	102 (3,11%)
Lung	-	328 (10,0%)
Skin	-	30 (0,92%)
Kidney/bladder	-	128 (3,90%)
Gastric/oesophageal	-	396 (12,1%)
Pancreas	-	184 (5,61%)
Lymphoma	-	284 (8,66%)
Ears nose throat (ENT)	-	140 (4,27%)
Leukaemia	-	243 (7,41%)

Genital tract	-	109 (3,33%)
Liver	-	260 (7,93%)
Sarcoma	-	46 (1,40%)
Brain	-	52 (1,59%)
Testicular	-	14 (0,43%)
Other	-	338 (10,3%)
Missing	-	45 (1,37%)

Time since diagnosis

0-2 months	15 (27,8%)	1019 (31,1%)
3-5 months	7 (13,0%)	544 (16,6%)
6-12 months	7 (13,0%)	551 (16,8%)
1-2 years	11 (20,4%)	436 (13,3%)
2-4 years	4 (7,41%)	308 (9,40%)
> 4 years	9 (16,7%)	319 (9,73%)
Missing	-	66 (2,01%)

Cancer staging

0=Carcinoma in situ	2 (3,70%)	152 (4,64%)
I=Localized	11 (20,4%)	654 (20,0%)
II=Early locally advanced	3 (5,56%)	584 (17,8%)
III=Late locally advanced	7 (13,0%)	523 (16,0%)
IV=Metastasised	30 (55,6%)	993 (30,3%)
Missing	1 (1,85%)	372 (11,3%)

Time since first therapy start

No therapy	-	319 (9,73%)
Tumour staging/diagnosis	-	314 (9,58%)
0-2 months	-	932 (28,4%)
3-5 months	-	427 (13,0%)
6-12 months	-	498 (15,2%)
1-2 years	-	342 (10,4%)
2-4 years	-	243 (7,41%)
> 4 years	-	284 (8,66%)
Missing	-	57 (1,74%)

Therapy situation

Diagnosis	-	345 (10,5%)
Chemotherapy 1st line	-	694 (21,2%)
Chemotherapy > 1st line	-	584 (17,8%)
Radiotherapy	-	262 (7,99%)
Target therapy	-	86 (2,62%)
Hormone therapy	-	38 (1,16%)
Palliative	-	321 (9,79%)

Surgery	-	846 (25,8%)
Cancer related complications	-	299 (9,12%)
Therapy related complications	-	138 (4,21%)
Missing	-	55 (1,68%)

Infections

None	29 (53,7%)	2414 (73,6%)
Local	17 (31,5%)	506 (15,4%)
General	7 (13,0%)	274 (8,36%)
Missing	1 (1,85%)	84 (2,56%)

Nutrition Treatment

No special diet	-	1329 (40,5%)
Individualized diet plan	-	974 (29,7%)
Energy rich/protein rich ONS	-	624 (19,0%)
Enteral nutrition (via NGT/PEG)	-	184 (5,61%)
Parenteral nutrition	-	312 (9,52%)
ONS enriched with special nutrients	-	100 (3,05%)
Special nutrients (EPA, branched chained amino acids, glutamine, arginine, carnitine)	-	49 (1,49%)
Personal preferences	-	342 (10,4%)
Counselling	-	234 (7,14%)
Other	-	132 (4,03%)
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:	54	3248
Body weight prior to becoming ill	80 [50-142]	70 [20-180]
Actual body weight	70 [46-131]	64 [11-175]
Change in weight was		
Intentional	2 (3,70%)	130 (3,97%)
Unintentional	37 (68,5%)	2109 (64,3%)
Weight is stable	5 (9,26%)	524 (16,0%)
Missing	5 (9,26%)	99 (3,02%)
During the last week		
Patients who have had pain:		
Not at all	22 (40,7%)	1075 (32,8%)
A little	11 (20,4%)	966 (29,5%)
Quite a bit	9 (16,7%)	585 (17,8%)
Very much	7 (13,0%)	379 (11,6%)
Missing	2 (3,70%)	242 (7,38%)
Patients who needed a rest:		
Not at all	8 (14,8%)	676 (20,6%)
A little	8 (14,8%)	995 (30,4%)
Quite a bit	17 (31,5%)	774 (23,6%)
Very much	15 (27,8%)	535 (16,3%)
Missing	3 (5,56%)	256 (7,81%)
Patients who felt weak:		
Not at all	7 (13,0%)	688 (21,0%)
A little	14 (25,9%)	995 (30,4%)
Quite a bit	15 (27,8%)	783 (23,9%)
Very much	11 (20,4%)	535 (16,3%)
Missing	4 (7,41%)	244 (7,44%)
Patients who felt depressed:		
Not at all	24 (44,4%)	1154 (35,2%)
A little	13 (24,1%)	1026 (31,3%)
Quite a bit	8 (14,8%)	499 (15,2%)
Very much	4 (7,41%)	282 (8,60%)
Missing	3 (5,56%)	255 (7,78%)

Patients who were tired:

Not at all	9 (16,7%)	700 (21,4%)
A little	12 (22,2%)	1048 (32,0%)
Quite a bit	14 (25,9%)	755 (23,0%)
Very much	13 (24,1%)	494 (15,1%)
Missing	3 (5,56%)	243 (7,41%)

Patients whose pain interfered with their daily activities:

Not at all	25 (46,3%)	1203 (36,7%)
A little	8 (14,8%)	789 (24,1%)
Quite a bit	9 (16,7%)	548 (16,7%)
Very much	6 (11,1%)	421 (12,8%)
Missing	3 (5,56%)	267 (8,15%)

Patients who lacked appetite:

Not at all	18 (33,3%)	1102 (33,6%)
A little	12 (22,2%)	840 (25,6%)
Quite a bit	6 (11,1%)	567 (17,3%)
Very much	12 (22,2%)	465 (14,2%)
Missing	3 (5,56%)	261 (7,96%)

Just now**Patients who have pain:**

Not at all	33 (61,1%)	1281 (39,1%)
A little	10 (18,5%)	1090 (33,3%)
Quite a bit	5 (9,26%)	444 (13,5%)
Very much	2 (3,70%)	167 (5,09%)
Missing	3 (5,56%)	258 (7,87%)

Patients who need a rest:

Not at all	12 (22,2%)	671 (20,5%)
A little	15 (27,8%)	1142 (34,8%)
Quite a bit	15 (27,8%)	759 (23,2%)
Very much	7 (13,0%)	393 (12,0%)
Missing	3 (5,56%)	266 (8,11%)

Patients who feel weak:

Not at all	18 (33,3%)	760 (23,2%)
A little	13 (24,1%)	1079 (32,9%)
Quite a bit	11 (20,4%)	740 (22,6%)
Very much	6 (11,1%)	386 (11,8%)
Missing	3 (5,56%)	265 (8,08%)

Patients who are depressed:

Not at all	28 (51,9%)	1318 (40,2%)
A little	13 (24,1%)	1001 (30,5%)
Quite a bit	5 (9,26%)	431 (13,1%)
Very much	1 (1,85%)	199 (6,07%)
Missing	4 (7,41%)	270 (8,24%)

Patients who are tired:

Not at all	16 (29,6%)	799 (24,4%)
A little	15 (27,8%)	1157 (35,3%)
Quite a bit	11 (20,4%)	651 (19,9%)
Very much	5 (9,26%)	352 (10,7%)
Missing	3 (5,56%)	270 (8,24%)

Patients whose pain interferes with their daily activities:

Not at all	27 (50,0%)	1232 (37,6%)
A little	10 (18,5%)	858 (26,2%)
Quite a bit	7 (13,0%)	531 (16,2%)
Very much	3 (5,56%)	318 (9,70%)
Missing	3 (5,56%)	288 (8,79%)

Patients who lack appetite:

Not at all	22 (40,7%)	1159 (35,4%)
A little	11 (20,4%)	880 (26,8%)
Quite a bit	6 (11,1%)	550 (16,8%)
Very much	6 (11,1%)	355 (10,8%)
Missing	4 (7,41%)	285 (8,69%)

Reasons for change in appetite/food intake

Nausea/Vomiting	-	612 (18,7%)
Inflammation in mouth	-	160 (4,88%)
Pain	-	454 (13,8%)
Constipation	-	258 (7,87%)
Diarrhea	-	188 (5,74%)
Change in taste/smell	-	447 (13,6%)
Early satiation/Loss of appetite	-	771 (23,5%)
Other	-	544 (16,6%)
Missing	23 (42,6%)	121 (3,69%)

Maximum activity performed by patients

Able to do sports	-	135 (4,12%)
Fully active	10 (18,5%)	462 (14,1%)
Able to carry out light activities	11 (20,4%)	675 (20,6%)
Able to carry out self care	16 (29,6%)	777 (23,7%)
Able to carry out limited self care	8 (14,8%)	487 (14,9%)

Confined to bed or chair	4 (7,41%)	463 (14,1%)
Missing	4 (7,41%)	254 (7,75%)

Patient takes additional (without prescription)

Nothing	-	2113 (64,5%)
Herbal tea	-	278 (8,48%)
Nutritional supplements	-	292 (8,91%)
Multivitamin	-	131 (4,00%)
Other medication	-	124 (3,78%)
Other	-	146 (4,45%)
Missing	-	311 (9,49%)

Additional activities performed

Nothing	-	2374 (72,4%)
Psychotherapy	-	69 (2,10%)
Yoga	-	35 (1,07%)
Meditation	-	121 (3,69%)
Progressive muscle relaxation	-	46 (1,40%)
Qigong	-	10 (0,31%)
Other	-	316 (9,64%)
Missing	-	354 (10,8%)

Patients having difficulties in complying with treatment	11 (20,4%)	701 (21,4%)
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Patients needing help to complete questionnaire	44 (81,5%)	1819 (55,5%)
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Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	36 (66,7%)	2090 (63,8%)
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