



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:	10
Number of participated units:	23
Number of patients:	377
Number of patients who gave consent:	314
Number of patients completing Sheet 3a:	299
Number of patients completing Sheet 3b:	292
Number of cancer patients:	78
Number of patients completing Sheet 2_onco:	8
Number of patients completing Sheet 3_onco:	8
Number of patients with 30-day outcome assessment:	297

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")

	<i>YOUR RESULTS</i>	<i>REFERENCE RESULTS</i>
1. Total number of beds in hospital	971 [699-1763]	333 [194-630]
2. Total number of admissions in the hospital last year	45825 [37063-78734]	18005 [9101-36130]
3. Total number of staff in the hospital		
Total medical doctors	612 [508-1582]	173 [80-399]
Medical specialists	376 [301-852]	116 [53-250]
Medical non-specialists	236 [186-410]	37 [14-84]
Nurses	1269 [1019-3099]	420 [183-836]
Dieticians	13 [10-20]	5 [2-9]
Nutritionists	0 [0-0]	1 [0-4]
Pharmacists	17 [12-34]	7 [4-21]
Kitchen staff	58 [47-65]	31 [15-59]
Full time equivalent		
Total medical doctors	530 [435-566]	148 [60-373]
Medical specialists	299 [269-341]	98 [45-251]
Medical non-specialists	230 [178-460]	36 [11-99]
Nurses	1065 [907-2874]	364 [180-788]
Dieticians	4 [0-8]	5 [2-8]
Nutritionists	0 [0-0]	1 [0-3]
Pharmacists	15 [10-35]	6 [3-18]
Kitchen staff	58 [53-65]	29 [15-55]
4. Does the hospital have a nutrition care strategy?	5 (71,4%) Yes	498 (79,4%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	5 (55,6%) Yes	434 (66,7%) Yes
Nutrition steering committee is available	4 (44,4%) Yes	388 (59,6%) Yes
Quality indicators are recorded and reported to national or regional level	1 (11,1%) Yes	263 (40,4%) Yes
Quality indicators are used for internal benchmarking	2 (22,2%) Yes	337 (51,8%) Yes
Patient feedback about food and food service is collected using a questionnaire	7 (77,8%) Yes	475 (73,0%) Yes
None	1 (11,1%) Yes	30 (4,6%) Yes
No answer given	2 (22,2%)	24 (3,7%)
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	7 (77,8%) Yes	313 (48,1%) Yes

Oral nutrition supplements	1 (11,1%) Yes	239 (36,7%) Yes
Parenteral nutrition	2 (22,2%) Yes	375 (57,6%) Yes
Enteral nutrition	1 (11,1%) Yes	334 (51,3%) Yes
Dietary counseling	7 (77,8%) Yes	235 (36,1%) Yes
Specific dietary interventions	4 (44,4%) Yes	181 (27,8%) Yes
Screening for malnutrition	2 (22,2%) Yes	187 (28,7%) Yes
Risk of malnutrition	1 (11,1%) Yes	160 (24,6%) Yes
Malnutrition (in general)	2 (22,2%) Yes	294 (45,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	1 (11,1%) Yes	280 (43,0%) Yes
No information available from billing/finance/controlling	1 (11,1%) Yes	109 (16,7%) Yes
No answer given	-	42 (6,5%)

Codes routinely used

Nutrition Support	7 (77,8%) Yes	270 (41,5%) Yes
Oral nutrition supplements	1 (11,1%) Yes	209 (32,1%) Yes
Parenteral nutrition	1 (11,1%) Yes	343 (52,7%) Yes
Enteral nutrition	1 (11,1%) Yes	307 (47,2%) Yes
Dietary counseling	7 (77,8%) Yes	198 (30,4%) Yes
Specific dietary interventions	4 (44,4%) Yes	159 (24,4%) Yes
Screening for malnutrition	1 (11,1%) Yes	149 (22,9%) Yes
Risk of malnutrition	1 (11,1%) Yes	128 (19,7%) Yes
Malnutrition (in general)	2 (22,2%) Yes	255 (39,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	2 (22,2%) Yes	242 (37,2%) Yes
No information available from billing/finance/controlling	1 (11,1%) 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	5 (21,7%)	21.1%
Internal Medicine / Cardiology	1 (4,3%)	4.3%
Internal Medicine / Gastroenterology & hepatology	4 (17,4%)	7.8%
Internal Medicine / Geriatrics	0 (0,0%)	9.7%
Internal Medicine / Infectious diseases	0 (0,0%)	0.6%
Internal Medicine / Nephrology	0 (0,0%)	1.2%
Internal Medicine / Oncology (incl. radiotherapy)	1 (4,3%)	8.1%
Interdisciplinary	0 (0,0%)	3.4%
Long term care	0 (0,0%)	2.0%
Neurology	1 (4,3%)	3.6%
Surgery / General	1 (4,3%)	15.7%
Surgery/ Cardiac/Vascular/Thoracic	1 (4,3%)	1.4%
Surgery / Neurosurgery	0 (0,0%)	0.9%
Surgery / Orthopedic	1 (4,3%)	4.2%
Trauma	1 (4,3%)	0.9%
Ear Nose Throat (ENT)	0 (0,0%)	1.7%
Gynecology / Obstetrics	0 (0,0%)	1.4%
Pediatrics	0 (0,0%)	0.1%
Psychiatry	0 (0,0%)	0.9%
Others	7 (30,4%)	11.1%
2. Number of registered inpatients at noon	24 [18-28]	25 [19-32]
3. Total bed capacity of the unit	28 [22-32]	30 [24-40]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	2 [1-2]	4 [2-7]
Nurses	5 [4-5]	5 [3-8]
Nursing aides	1 [1-2]	2 [1-4]
Dieticians	0 [0-0]	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 [0-1]	1 [0-2]
In training		
Medical doctors	1 [1-2]	1 [0-3]
Medical students	2 [0-2]	0 [0-2]
Nurses	1 [0-2]	1 [0-3]

Nursing aides	1 [0-2]	0 [0-0]
Dieticians	0 [0-0]	0 [0-0]
Nutritionists	0 [0-0]	0 [0-0]
Other staff involved in patient care	0 [0-0]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 18 (94,7%) Yes 1018 (78,3%) Yes

6. Does the unit have a nutrition care strategy? 12 (63,2%) Yes 984 (75,7%) Yes

7. Is there a person in your unit responsible for nutrition care? 14 (73,7%) Yes 922 (70,9%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 20 (95,2%) Yes 1239 (90,8%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 8 (42,1%) Yes 780 (60,0%) Yes

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

At admission

No routine screening	2 (8,7%) Yes	109 (7,6%)
No fixed criteria	2 (8,7%) Yes	21 (1,5%)
Experience / visual assessment only	3 (13,0%) Yes	102 (7,1%)
Weighing / BMI only	9 (39,1%) Yes	201 (14,1%)
Nutritional Risk Screening (NRS) 2002	-	462 (32,3%)
Malnutrition Universal Screening Tool (MUST)	-	81 (5,7%)
Malnutrition Screening tool (MST)	-	115 (8,0%)
SNAQ	1 (4,3%) Yes	13 (0,91%)
Other formal tool	3 (13,0%) Yes	249 (17,4%)
I do not know	1 (4,3%) Yes	11 (0,77%)
Missing	2 (8,7%)	66 (4,6%)

During hospital stay

No routine monitoring	1 (4,3%) Yes	133 (9,3%)
No fixed criteria	1 (4,3%) Yes	118 (8,3%)
Experience / visual assessment only	6 (26,1%) Yes	235 (16,4%)
Weighing / BMI only	11 (47,8%) Yes	471 (32,9%)
Other formal tool	2 (8,7%) Yes	375 (26,2%)
I do not know	-	32 (2,2%)
Missing	2 (8,7%)	66 (4,6%)

11a. Do you routinely use guidelines or standards for nutrition care? 17 (94,4%) Yes 1043 (82,1%) Yes

11b. If yes, which one is mainly used?		
International guidelines	3 (17,6%) Yes	257 (24,6%)
National guidelines	1 (5,9%) Yes	166 (15,9%)
Standards on hospital level	7 (41,2%) Yes	378 (36,2%)
Standards on unit level	5 (29,4%) Yes	65 (6,2%)
Individual patient nutrition care plans	1 (5,9%) 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	10 (43,5%) Yes	399 (27,9%)
Discuss nutrition care activities during ward rounds	12 (52,2%) Yes	614 (42,9%)
Develop an individual nutrition care plan	10 (43,5%) Yes	720 (50,3%)
Initiate treatment / nutrition intervention	8 (34,8%) Yes	820 (57,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	12 (52,2%) Yes	828 (57,9%)
Consult a medical professional	4 (17,4%) Yes	505 (35,3%)
Calculate energy requirements	10 (43,5%) Yes	652 (45,6%)
Calculate protein requirements	9 (39,1%) Yes	630 (44,1%)

Malnourished

Watchful waiting	4 (17,4%) Yes	280 (19,6%)
Discuss nutrition care activities during ward rounds	11 (47,8%) Yes	675 (47,2%)
Develop an individual nutrition care plan	14 (60,9%) Yes	792 (55,4%)
Initiate treatment / nutrition intervention	15 (65,2%) Yes	884 (61,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	18 (78,3%) Yes	823 (57,6%)
Consult a medical professional	6 (26,1%) Yes	579 (40,5%)
Calculate energy requirements	13 (56,5%) Yes	763 (53,4%)
Calculate protein requirements	12 (52,2%) Yes	745 (52,1%)

Every patient

Watchful waiting	1 (4,3%) Yes	700 (49,0%)
Discuss nutrition care activities during ward rounds	1 (4,3%) Yes	358 (25,0%)
Develop an individual nutrition care plan	1 (4,3%) Yes	250 (17,5%)
Initiate treatment / nutrition intervention	-	197 (13,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	264 (18,5%)
Consult a medical professional	1 (4,3%) Yes	307 (21,5%)
Calculate energy requirements	-	186 (13,0%)
Calculate protein requirements	-	168 (11,7%)

Never

Watchful waiting	7 (30,4%) Yes	105 (7,3%)
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Discuss nutrition care activities during ward rounds	2 (8,7%) Yes	77 (5,4%)
Develop an individual nutrition care plan	2 (8,7%) Yes	62 (4,3%)
Initiate treatment / nutrition intervention	2 (8,7%) Yes	19 (1,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (4,3%) Yes	20 (1,4%)
Consult a medical professional	8 (34,8%) Yes	146 (10,2%)
Calculate energy requirements	2 (8,7%) Yes	141 (9,9%)
Calculate protein requirements	3 (13,0%) Yes	165 (11,5%)

I do not know

Watchful waiting	1 (4,3%) Yes	71 (5,0%)
Discuss nutrition care activities during ward rounds	1 (4,3%) Yes	54 (3,8%)
Develop an individual nutrition care plan	1 (4,3%) Yes	41 (2,9%)
Initiate treatment / nutrition intervention	2 (8,7%) Yes	34 (2,4%)
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (4,3%) Yes	33 (2,3%)
Consult a medical professional	3 (13,0%) Yes	86 (6,0%)
Calculate energy requirements	1 (4,3%) Yes	65 (4,5%)
Calculate protein requirements	1 (4,3%) Yes	71 (5,0%)

13. When do you routinely weigh your patients?

at admission	15 (65,2%) Yes	928 (64,9%)
Within 24 hours	5 (21,7%) Yes	210 (14,7%)
Within 48 hours	1 (4,3%) Yes	79 (5,5%)
Within 72 hours	-	39 (2,7%)
Every week	8 (34,8%) Yes	627 (43,8%)
Occasionally	1 (4,3%) Yes	158 (11,0%)
When requested	9 (39,1%) Yes	728 (50,9%)
At discharge	3 (13,0%) Yes	67 (4,7%)
Never	1 (4,3%) Yes	17 (1,2%)
I do not know	-	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	17 (73,9%) Yes	1096 (76,6%)
Offer meal choices	20 (87,0%) Yes	1055 (73,8%)
Offer different portion sizes	15 (65,2%) Yes	934 (65,3%)
Consider food presentation	7 (30,4%) Yes	502 (35,1%)
Change food texture/consistency as needed	15 (65,2%) Yes	1175 (82,2%)
Consider patient problems with eating and drinking	18 (78,3%) Yes	1166 (81,5%)
Ensure that mealtimes are undisturbed/protected mealtime policy	8 (34,8%) Yes	324 (22,7%)
Promote positive eating environment	7 (30,4%) Yes	419 (29,3%)
Consider cultural/religious preferences	17 (73,9%) Yes	903 (63,1%)
Consider patient allergies / intolerances	21 (91,3%) Yes	1045 (73,1%)
Other	1 (4,3%) Yes	103 (7,2%)

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

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

Nutrition training is available	18 (78,3%) Yes	821 (57,4%)
Reporting of nutrition related information to hospital managers	5 (21,7%) Yes	608 (42,5%)
Quality indicators are recorded and reported to national or regional level	4 (17,4%) Yes	448 (31,3%)
Quality indicators are used for internal benchmarking	3 (13,0%) Yes	513 (35,9%)
Patient feedback about food and food service is collected using a questionnaire	14 (60,9%) Yes	884 (61,8%)
None	1 (4,3%) Yes	41 (2,9%)
I do not know	1 (4,3%) Yes	61 (4,3%)
No answer given	4 (17,4%)	151 (10,6%)

16. At admission what is asked and documented?

Change in weight	18 (78,3%) Yes	1104 (77,2%)
Eating habits/difficulties	18 (78,3%) Yes	1041 (72,8%)
Nutrition before admission	12 (52,2%) Yes	823 (57,6%)
None	-	18 (1,3%)
I do not know	-	33 (2,3%)
No answer given	4 (17,4%)	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	16 (69,6%) Yes	1037 (72,5%)
nutrition treatment	11 (47,8%) Yes	837 (58,5%)
None	1 (4,3%) Yes	65 (4,5%)
I do not know	1 (4,3%) Yes	42 (2,9%)

b. Discharge Letter ...

summarizes nutrition treatment received during stay	9 (39,1%) Yes	592 (41,4%)
makes future nutrition-related recommendations	13 (56,5%) Yes	816 (57,1%)
None	4 (17,4%) Yes	137 (9,6%)
I do not know	1 (4,3%) Yes	128 (9,0%)

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	9 (52,9%) Yes	519 (45,2%) Yes
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19. Who filled in this sheet?

Head staff	13 (56,5%) Yes	411 (28,7%)
Dietician	4 (17,4%) Yes	717 (50,1%)
Nurse	7 (30,4%) Yes	388 (27,1%)

Physician	2 (8,7%) Yes	175 (12,2%)
Administrative staff	-	13 (0,91%)
Other	1 (4,3%) Yes	71 (5,0%)
None	1 (4,3%) Yes	-
I do not know	1 (4,3%) Yes	15 (1,0%)

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

	YOUR RESULTS	REFERENCE RESULTS
Total	314	27195
Age	71 [56-80]	67 [53-78]
Female	162 (51,6%)	13525 (49,7%)
Weight	78,5±22,1	69,9±18,9
Height	170±10	165±10
BMI	26,9±6,3	25,5±5,9

1. This hospital admission was...

planned	160 (51,0%)	9881 (36,3%)
an emergency	125 (39,8%)	14977 (55,1%)
I do not know	23 (7,3%)	2337 (8,6%)
No answer given	6 (1,9%)	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	40 (12,7%)	2442 (9,0%)
0200 Neoplasms	56 (17,8%)	4873 (17,9%)
0300 Blood and bloodforming organs and the immune mechanism	41 (13,1%)	1724 (6,3%)
0400 Endocrine, nutritional and metabolic diseases	66 (21,0%)	3266 (12,0%)
0500 Mental health	26 (8,3%)	1218 (4,5%)
0600 Nervous system	34 (10,8%)	2493 (9,2%)
0700 Eye and adnexa	5 (1,6%)	339 (1,2%)
0800 Ear and mastoid process	3 (0,96%)	172 (0,63%)
0900 Circulatory system	82 (26,1%)	5629 (20,7%)
1000 Respiratory system	82 (26,1%)	4217 (15,5%)
1100 Digestive system	86 (27,4%)	6840 (25,2%)
1200 Skin and subcutaneous tissue	17 (5,4%)	1244 (4,6%)
1300 Musculoskeletal system and connective tissue	57 (18,2%)	4246 (15,6%)
1400 Genitourinary system	67 (21,3%)	2809 (10,3%)
1500 Pregnancy, childbirth and the puerperium	-	222 (0,82%)
1600 Conditions originating in the perinatal period	-	36 (0,13%)
1700 Congenital/chromosomal abnormalities	1 (0,32%)	52 (0,19%)
1800 Symptoms, signs, abnormal clinical/lab findings	23 (7,3%)	1319 (4,9%)
1900 Injury, poisoning	3 (0,96%)	724 (2,7%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	2 (0,64%)	671 (2,5%)
2100 Factors influencing health status and contact with health services	30 (9,6%)	990 (3,6%)
No answer given	7 (2,2%)	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	45 (15,2%)	5264 (21,3%)
Myocardial infarction	11 (3,7%)	1338 (5,5%)
Chronic lung disease	55 (18,6%)	3466 (14,1%)
Cerebral vascular disease	29 (9,8%)	2274 (9,3%)
Peripheral vascular disease	32 (10,9%)	2842 (11,6%)
Chronic liver disease	34 (11,5%)	1477 (6,1%)
Chronic kidney disease	56 (19,0%)	2817 (11,6%)
Diabetes	64 (21,8%)	5968 (24,2%)
Cancer	78 (26,5%)	5709 (23,2%)
Infection	46 (15,6%)	3578 (14,6%)
Dementia	14 (4,8%)	1229 (5,1%)
Major depressive disorder	13 (4,4%)	1233 (5,1%)
Other chronic mental disorder	10 (3,4%)	1229 (5,1%)
Other chronic disease	50 (17,0%)	6369 (25,9%)
None	52 (16,6%)	4869 (17,9%)

4a. Previous operation during this hospital stay

Yes, planned	37 (11,8%)	5304 (19,5%)
Yes, acute	17 (5,4%)	1634 (6,0%)
No	207 (65,9%)	17917 (65,9%)
I do not know	6 (1,9%)	313 (1,2%)
Missing	47 (15,0%)	2027 (7,5%)

Days since operation	8 [2-26]	3 [1-11]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	14 (4,5%)	1998 (7,3%)
Yes, later	23 (7,3%)	1411 (5,2%)
No	219 (69,7%)	19908 (73,2%)
I do not know	6 (1,9%)	1082 (4,0%)
Missing	52 (16,6%)	2796 (10,3%)

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

26 (9,3%)	2731 (10,6%)
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6. Is this patient terminally ill?

34 (11,1%)	1729 (6,4%)
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7. Fluid status

Normal	174 (55,4%)	20820 (76,6%)
Overloaded	12 (3,8%)	1466 (5,4%)
Dehydrated	7 (2,2%)	1298 (4,8%)
I do not know	112 (35,7%)	3611 (13,3%)
Missing	9 (2,9%)	-

8. Number of different medications planned

Oral	6 [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	28 (8,9%)	3264 (12,0%)
At risk	46 (14,6%)	4856 (17,9%)
No	191 (60,8%)	16820 (61,8%)
I do not know	40 (12,7%)	2255 (8,3%)
Missing	9 (2,9%)	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	78 (24,8%)	9496 (34,9%)
5% Glucose solution	7 (2,2%)	2615 (9,6%)

11. Number of ONS drinks planned

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

Regular hospital food	253 (80,6%)	15788 (58,1%)
Fortified/enriched hospital food	22 (7,0%)	3133 (11,5%)
Protein/energy supplement (e.g. ONS drinks)	21 (6,7%)	4012 (14,8%)
Enteral nutrition	30 (9,6%)	1315 (4,8%)
Parenteral nutrition	7 (2,2%)	1286 (4,7%)
Special diet	41 (13,1%)	8834 (32,5%)
None	23 (7,3%)	1283 (4,7%)

13a. All lines and Tubes

Central Venous	32 (11,5%)	2360 (9,2%)
Peripheral venous access	199 (71,3%)	12501 (48,7%)
Nasogastric	4 (1,4%)	680 (2,6%)
Nasojejunal	5 (1,8%)	135 (0,53%)
Nasoduodenal	5 (1,8%)	99 (0,39%)
Enterostoma	6 (2,2%)	126 (0,49%)
Percutaneous endoscopy/surgical gastrostomy	6 (2,2%)	234 (0,91%)
Percutaneous endoscopy/surgical jejunostomy	6 (2,2%)	95 (0,37%)
None	84 (26,8%)	12303 (45,2%)

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

Yes, previously	5 (1,6%)	362 (1,3%)
Yes, ongoing	2 (0,64%)	227 (0,83%)
No	233 (74,2%)	21227 (78,1%)
I do not know	14 (4,5%)	2312 (8,5%)
Missing	60 (19,1%)	3067 (11,3%)

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

Energy requirements were determined	33 (11,8%)	9593 (37,3%)
Protein requirements were determined	23 (8,2%)	8543 (33,3%)
Food/Nutrition intake was recorded in the patient record	27 (9,7%)	11079 (43,1%)
Nutrition treatment plan was developed	37 (13,3%)	9042 (35,2%)
Nutrition expert was consulted	48 (17,2%)	9313 (36,3%)
Malnutrition status is recorded in the patient record	23 (8,2%)	8238 (32,1%)
None	-	-

15a. Energy goal

< 500 kcal	16 (5,1%)	1046 (3,8%)
500-999 kcal	2 (0,64%)	269 (0,99%)
1000-1499 kcal	7 (2,2%)	2400 (8,8%)
1500-1999 kcal	34 (10,8%)	8218 (30,2%)
>=2000 kcal	10 (3,2%)	2704 (9,9%)
Not determined	118 (37,6%)	8749 (32,2%)
I do not know	92 (29,3%)	2265 (8,3%)
Missing	35 (11,1%)	1544 (5,7%)

15b. Energy intake

< 500 kcal	16 (5,1%)	1697 (6,2%)
500-999 kcal	5 (1,6%)	1257 (4,6%)
1000-1499 kcal	7 (2,2%)	3424 (12,6%)
1500-1999 kcal	12 (3,8%)	5999 (22,1%)
>=2000 kcal	5 (1,6%)	1448 (5,3%)
Not determined	126 (40,1%)	8533 (31,4%)
I do not know	109 (34,7%)	3276 (12,0%)
Missing	34 (10,8%)	1561 (5,7%)

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

Improved	76 (24,2%)	12837 (47,2%)
Deteriorated	11 (3,5%)	1433 (5,3%)
Remained the same	100 (31,8%)	7057 (25,9%)
This patient has just been admitted	29 (9,2%)	1699 (6,2%)
I do not know	65 (20,7%)	2663 (9,8%)
Missing	33 (10,5%)	1506 (5,5%)

Length of hospital stay (days)	10 [5-20]	12 [6-23]
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Outcome Code

1= Still in the hospital	20 (6,4%)	2601 (9,6%)
2= Transferred to another hospital	6 (1,9%)	571 (2,1%)
3= Transferred to long term care	13 (4,1%)	1107 (4,1%)

4= Rehabilitation	8 (2,5%)	1222 (4,5%)
5= Discharged home	240 (76,4%)	20149 (74,1%)
6= Death	9 (2,9%)	845 (3,1%)
7= Others	1 (0,32%)	507 (1,9%)
Missing	17 (5,4%)	193 (0,71%)

Readmitted since ND

1= No	204 (73,9%)	18115 (75,8%)
2= Yes, same hospital planned	38 (13,8%)	1637 (6,9%)
3= Yes, same hospital unplanned	16 (5,8%)	1465 (6,1%)
4= Yes, different hospital planned	1 (0,36%)	112 (0,47%)
5= Yes, different hospital unplanned	1 (0,36%)	112 (0,47%)
6= Unknown	5 (1,8%)	796 (3,3%)
Missing	8 (2,9%)	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	205 (68,6%)	17526 (66,5%)
I am vegetarian	6 (2,0%)	510 (1,9%)
I adhere to a vegan diet	2 (0,67%)	193 (0,73%)
I eat gluten-free diet	2 (0,67%)	244 (0,93%)
I avoid added sugars	60 (20,1%)	3934 (14,9%)
I avoid carbohydrates	15 (5,0%)	1502 (5,7%)
I eat a low fat-diet	44 (14,7%)	2899 (11,0%)
I am lactose intolerant	7 (2,3%)	946 (3,6%)
Other special diet due to intolerances/allergies	11 (3,7%)	469 (1,8%)
Other	12 (4,0%)	1854 (7,0%)
No answer given	30 (10,0%)	1891 (7,2%)
2. Where did you live before your current hospital admission?		
At home	234 (78,3%)	22025 (83,6%)
In a nursing home or other live-in facility	18 (6,0%)	836 (3,2%)
I was transferred from another hospital	7 (2,3%)	1411 (5,4%)
Other	2 (0,67%)	374 (1,4%)
Missing	38 (12,7%)	1694 (6,4%)
3. In general, are you able to walk?		
Yes	171 (57,2%)	16014 (60,8%)
Yes, with someone's help	13 (4,3%)	2580 (9,8%)
Yes, independently using a cane, walker, or crutches	61 (20,4%)	3466 (13,2%)
No, I have a wheelchair	13 (4,3%)	1033 (3,9%)
No, I am bedridden	6 (2,0%)	1462 (5,6%)
Missing	35 (11,7%)	1785 (6,8%)
4. In general, how would you say your health is?		
Very good	17 (5,7%)	1854 (7,0%)
Good	75 (25,1%)	8966 (34,0%)
Fair	107 (35,8%)	9409 (35,7%)
Poor	54 (18,1%)	3513 (13,3%)
Very poor	6 (2,0%)	824 (3,1%)
Missing	40 (13,4%)	1774 (6,7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	6 [3-12]	5 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-3]	1 [0-2]

... how many nights in total have you spent in hospital?	8 [0-21]	5 [0-15]
--	----------	----------

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

1-2	41 (13,7%)	4936 (18,7%)
3-5	64 (21,4%)	6672 (25,3%)
More than 5	102 (34,1%)	7906 (30,0%)
None	32 (10,7%)	3926 (14,9%)
I do not know	22 (7,4%)	1077 (4,1%)
Missing	38 (12,7%)	1823 (6,9%)

7. Do you have health insurance?

Yes, private insurance only	6 (2,0%)	4253 (16,1%)
Yes, public insurance only	221 (73,9%)	12350 (46,9%)
Yes, both	26 (8,7%)	3229 (12,3%)
None	2 (0,67%)	2938 (11,2%)
I prefer not to answer	3 (1,0%)	1314 (5,0%)
Missing	41 (13,7%)	2256 (8,6%)

8. What was your weight 5 years ago?

	80 [70-92]	72 [60-85]
--	------------	------------

I do not know	58 (19,4%)	6267 (23,8%)
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9a. Have you lost weight within the last 3 months?

Yes, intentionally	44 (14,7%)	2468 (9,4%)
Yes, unintentionally	94 (31,4%)	10065 (38,2%)
No, my weight stayed the same	94 (31,4%)	7869 (29,9%)
No, I gained weight	28 (9,4%)	2857 (10,8%)
I do not know	25 (8,4%)	2512 (9,5%)
Missing	14 (4,7%)	569 (2,2%)

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

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

I do not know	14 (10,1%)	1997 (15,9%)
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10. Did you know about your hospitalisation two days before admission? (Yes)

	106 (42,6%)	9602 (40,6%)
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11. Please indicate if you ...

... were weighed at admission	139 (53,5%)	14112 (57,4%)
... were informed about your nutrition status	97 (37,2%)	8364 (34,3%)
... were informed about nutrition care options	75 (29,0%)	7769 (31,9%)
... received special nutrition care	62 (23,7%)	7463 (30,7%)

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

More than normal	10 (3,4%)	1163 (4,4%)
Normal	183 (62,7%)	15832 (60,4%)

About 3/4 of normal	30 (10,3%)	2728 (10,4%)
About half of normal	40 (13,7%)	3287 (12,5%)
About a quarter to nearly nothing	20 (6,8%)	2496 (9,5%)
I do not know	4 (1,4%)	264 (1,0%)
Missing	5 (1,7%)	443 (1,7%)

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

Very satisfied	92 (31,5%)	6066 (23,1%)
Somewhat satisfied	77 (26,4%)	8166 (31,2%)
Neutral	51 (17,5%)	4867 (18,6%)
Dissatisfied	14 (4,8%)	2103 (8,0%)
Very dissatisfied	9 (3,1%)	726 (2,8%)
I do not know	13 (4,5%)	2021 (7,7%)
Missing	36 (12,3%)	2264 (8,6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	7 (2,4%)	2448 (9,3%)
Yes, from hospital staff	14 (4,8%)	1670 (6,4%)
No	227 (77,7%)	19193 (73,2%)
I do not know	5 (1,7%)	302 (1,2%)
Missing	39 (13,4%)	2600 (9,9%)

15. Were you able to eat without interruption TODAY? (Yes)	196 (81,0%)	17231 (74,2%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	133 (45,5%)	12095 (46,1%)
1/2	78 (26,7%)	6486 (24,7%)
1/4	40 (13,7%)	3353 (12,8%)
Nothing	18 (6,2%)	3130 (11,9%)
Missing	23 (7,9%)	1149 (4,4%)

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

Standard	174 (59,6%)	15979 (61,0%)
Smaller	26 (8,9%)	2367 (9,0%)
Larger	1 (0,34%)	1119 (4,3%)
I do not know	40 (13,7%)	2429 (9,3%)
Missing	51 (17,5%)	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	23 (16,9%)	2061 (15,9%)
I did not like the smell/taste of the food	15 (11,0%)	1569 (12,1%)
The food did not fit my cultural/religious preferences	1 (0,74%)	143 (1,1%)
The food was too hot	-	59 (0,45%)

The food was too cold	2 (1,5%)	296 (2,3%)
Due to food allergy/intolerance	1 (0,74%)	96 (0,74%)
I was not hungry at that time	26 (19,1%)	2205 (17,0%)
I do not have my usual appetite	42 (30,9%)	3830 (29,5%)
I have problems chewing/swallowing	7 (5,1%)	761 (5,9%)
I normally eat less than what was served	49 (36,0%)	1427 (11,0%)
I had nausea/vomiting	10 (7,4%)	1029 (7,9%)
I was too tired	7 (5,1%)	789 (6,1%)
I cannot eat without help	1 (0,74%)	208 (1,6%)
I was not allowed to eat	4 (2,9%)	1289 (9,9%)
I had an exam, surgery, or test and missed my meal	6 (4,4%)	766 (5,9%)
I did not get requested food	1 (0,74%)	139 (1,1%)
No answer given	14 (10,3%)	1829 (14,1%)

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

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

19a. Did you eat any food apart from hospital food TODAY? 53 (23,0%) 6580 (28,9%)

19b. If yes, what did you eat?

Sweet snacks	7 (13,2%)	1928 (29,3%)
Salty snacks	4 (7,5%)	749 (11,4%)
Homemade food	9 (17,0%)	963 (14,6%)
Fruits	24 (45,3%)	2551 (38,8%)
Dairy products	3 (5,7%)	724 (11,0%)
Food delivered/restaurant	3 (5,7%)	293 (4,5%)
Sandwich	7 (13,2%)	421 (6,4%)
Other	11 (20,8%)	1042 (15,8%)

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

Increased	30 (10,3%)	3706 (14,1%)
Decreased	92 (31,5%)	7774 (29,7%)
Stayed the same	96 (32,9%)	10331 (39,4%)
I do not know	26 (8,9%)	1690 (6,4%)
Missing	48 (16,4%)	2712 (10,3%)

21. TODAY I feel...

Stronger than at admission	95 (32,5%)	11240 (42,9%)
Weaker than at admission	55 (18,8%)	4893 (18,7%)
Same as at admission	102 (34,9%)	7428 (28,3%)
I was admitted today	13 (4,5%)	662 (2,5%)
I do not know	14 (4,8%)	1384 (5,3%)
Missing	13 (4,5%)	606 (2,3%)

22. Can you walk without assistance TODAY?

Yes	187 (64,0%)	15438 (58,9%)
No, only with assistance	63 (21,6%)	6458 (24,6%)
No, I stay in bed	28 (9,6%)	3018 (11,5%)
Missing	14 (4,8%)	1299 (5,0%)

23. Did anyone help you complete this questionnaire?	108 (42,4%)	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:	4	331
Computerized system in hospital:	4 units (100%) YES	312 units (94%) YES
Nutritional treatment of cancer patients is part of overall care plan	4 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	1 (25,0%)	224 (67,7%)
At chemotherapy	2 (50,0%)	53 (16,0%)
When necessary	1 (25,0%)	43 (13,0%)
Never	-	4 (1,21%)
Unknown	-	3 (0,91%)
Missing	-	4 (1,21%)

Anthropometrics (circumference)

Regularly	1 (25,0%)	38 (11,5%)
At chemotherapy	-	7 (2,11%)
When necessary	-	118 (35,6%)
Never	3 (75,0%)	143 (43,2%)
Unknown	-	10 (3,02%)
Missing	-	15 (4,53%)

BIA

Regularly	-	12 (3,63%)
At chemotherapy	-	4 (1,21%)
When necessary	1 (25,0%)	102 (30,8%)
Never	3 (75,0%)	187 (56,5%)
Unknown	-	12 (3,63%)
Missing	-	14 (4,23%)

CT SCAN

Regularly	-	13 (3,93%)
At chemotherapy	-	4 (1,21%)
When necessary	-	84 (25,4%)
Never	3 (75,0%)	199 (60,1%)
Unknown	1 (25,0%)	18 (5,44%)
Missing	-	13 (3,93%)

DEXA

Regularly	-	6 (1,81%)
At chemotherapy	-	1 (0,30%)
When necessary	-	55 (16,6%)
Never	2 (50,0%)	227 (68,6%)
Unknown	2 (50,0%)	27 (8,16%)
Missing	-	15 (4,53%)

Other (body composition)

Regularly	1 (25,0%)	6 (1,81%)
At chemotherapy	-	1 (0,30%)

When necessary	-	47 (14,2%)
Never	1 (25,0%)	113 (34,1%)
Unknown	2 (50,0%)	47 (14,2%)
Missing	-	117 (35,3%)

Body function:

Handgrip

Regularly	1 (25,0%)	16 (4,83%)
At chemotherapy	-	9 (2,72%)
When necessary	1 (25,0%)	98 (29,6%)
Never	2 (50,0%)	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	3 (75,0%)	76 (23,0%)
Never	1 (25,0%)	193 (58,3%)
Unknown	-	21 (6,34%)
Missing	-	22 (6,65%)

Other (body function)

Regularly	-	16 (4,83%)
At chemotherapy	-	1 (0,30%)
When necessary	1 (25,0%)	60 (18,1%)
Never	2 (50,0%)	120 (36,3%)
Unknown	1 (25,0%)	45 (13,6%)
Missing	-	89 (26,9%)

Nutritional requirements, calculated

Regularly	1 (25,0%)	107 (32,3%)
At chemotherapy	-	3 (0,91%)
When necessary	2 (50,0%)	160 (48,3%)
Never	1 (25,0%)	15 (4,53%)
Unknown	-	5 (1,51%)
Missing	-	41 (12,4%)

Nutritional intake:

Every meal

Regularly	1 (25,0%)	84 (25,4%)
At chemotherapy	-	3 (0,91%)
When necessary	2 (50,0%)	143 (43,2%)
Never	-	39 (11,8%)

Unknown	1 (25,0%)	17 (5,14%)
Missing	-	45 (13,6%)
1 meal per day		
Regularly	-	26 (7,85%)
At chemotherapy	1 (25,0%)	3 (0,91%)
When necessary	-	112 (33,8%)
Never	2 (50,0%)	67 (20,2%)
Unknown	1 (25,0%)	21 (6,34%)
Missing	-	102 (30,8%)
2 meals per day		
Regularly	-	26 (7,85%)
At chemotherapy	-	1 (0,30%)
When necessary	1 (25,0%)	109 (32,9%)
Never	2 (50,0%)	69 (20,8%)
Unknown	1 (25,0%)	20 (6,04%)
Missing	-	106 (32,0%)
24h recall		
Regularly	-	67 (20,2%)
At chemotherapy	-	8 (2,42%)
When necessary	-	130 (39,3%)
Never	3 (75,0%)	43 (13,0%)
Unknown	1 (25,0%)	16 (4,83%)
Missing	-	67 (20,2%)
Other (nutritional intake)		
Regularly	-	12 (3,63%)
At chemotherapy	-	1 (0,30%)
When necessary	-	61 (18,4%)
Never	2 (50,0%)	55 (16,6%)
Unknown	2 (50,0%)	43 (13,0%)
Missing	-	159 (48,0%)
Questionnaire completed by		
Dietitian	-	142 (42,9%)
Nurse	2 (50,0%)	83 (25,1%)
Physician	1 (25,0%)	75 (22,7%)
Nutritional scientist	1 (25,0%)	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:	8	3278
Demographic data:		
Age (years)	62 [20-119]	64 [18-102]
Female gender	5 (62,5%)	1437 (43,8%)
Weight (kg)	82,4 ± 19,6	65,7 ± 16,5
Height (cm)	175,4 ± 10,9	165,3 ± 9,9
BMI (kg/m2)	26,7 ± 5,2	23,9 ± 4,9
Outpatient (o)/Ward (w)		
Outpatient(o)	4 (50,0%)	166 (5,06%)
Ward (w)	4 (50,0%)	3101 (94,6%)
Missing	-	11 (0,34%)
Goal of Therapy		
Curative	1 (12,5%)	1959 (59,8%)
Palliative	4 (50,0%)	1091 (33,3%)
Terminal	-	153 (4,67%)
Missing	3 (37,5%)	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	1 (12,5%)	1019 (31,1%)
3-5 months	-	544 (16,6%)
6-12 months	-	551 (16,8%)
1-2 years	3 (37,5%)	436 (13,3%)
2-4 years	-	308 (9,40%)
> 4 years	-	319 (9,73%)
Missing	4 (50,0%)	66 (2,01%)

Cancer staging

0=Carcinoma in situ	-	152 (4,64%)
I=Localized	-	654 (20,0%)
II=Early locally advanced	1 (12,5%)	584 (17,8%)
III=Late locally advanced	1 (12,5%)	523 (16,0%)
IV=Metastasised	2 (25,0%)	993 (30,3%)
Missing	4 (50,0%)	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	1 (12,5%)	2414 (73,6%)
Local	1 (12,5%)	506 (15,4%)
General	2 (25,0%)	274 (8,36%)
Missing	4 (50,0%)	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:	8	3248
Body weight prior to becoming ill	82 [44-96]	70 [20-180]
Actual body weight	77 [70-94]	64 [11-175]
Change in weight was		
Intentional	1 (12,5%)	130 (3,97%)
Unintentional	4 (50,0%)	2109 (64,3%)
Weight is stable	1 (12,5%)	524 (16,0%)
Missing	-	99 (3,02%)
During the last week		
Patients who have had pain:		
Not at all	3 (37,5%)	1075 (32,8%)
A little	2 (25,0%)	966 (29,5%)
Quite a bit	1 (12,5%)	585 (17,8%)
Very much	-	379 (11,6%)
Missing	1 (12,5%)	242 (7,38%)
Patients who needed a rest:		
Not at all	2 (25,0%)	676 (20,6%)
A little	1 (12,5%)	995 (30,4%)
Quite a bit	-	774 (23,6%)
Very much	4 (50,0%)	535 (16,3%)
Missing	1 (12,5%)	256 (7,81%)
Patients who felt weak:		
Not at all	-	688 (21,0%)
A little	1 (12,5%)	995 (30,4%)
Quite a bit	2 (25,0%)	783 (23,9%)
Very much	3 (37,5%)	535 (16,3%)
Missing	2 (25,0%)	244 (7,44%)
Patients who felt depressed:		
Not at all	1 (12,5%)	1154 (35,2%)
A little	-	1026 (31,3%)
Quite a bit	1 (12,5%)	499 (15,2%)
Very much	3 (37,5%)	282 (8,60%)
Missing	2 (25,0%)	255 (7,78%)

Patients who were tired:

Not at all	-	700 (21,4%)
A little	-	1048 (32,0%)
Quite a bit	1 (12,5%)	755 (23,0%)
Very much	4 (50,0%)	494 (15,1%)
Missing	2 (25,0%)	243 (7,41%)

Patients whose pain interfered with their daily activities:

Not at all	2 (25,0%)	1203 (36,7%)
A little	-	789 (24,1%)
Quite a bit	1 (12,5%)	548 (16,7%)
Very much	2 (25,0%)	421 (12,8%)
Missing	3 (37,5%)	267 (8,15%)

Patients who lacked appetite:

Not at all	2 (25,0%)	1102 (33,6%)
A little	1 (12,5%)	840 (25,6%)
Quite a bit	2 (25,0%)	567 (17,3%)
Very much	1 (12,5%)	465 (14,2%)
Missing	2 (25,0%)	261 (7,96%)

Just now**Patients who have pain:**

Not at all	1 (12,5%)	1281 (39,1%)
A little	2 (25,0%)	1090 (33,3%)
Quite a bit	2 (25,0%)	444 (13,5%)
Very much	-	167 (5,09%)
Missing	2 (25,0%)	258 (7,87%)

Patients who need a rest:

Not at all	-	671 (20,5%)
A little	1 (12,5%)	1142 (34,8%)
Quite a bit	2 (25,0%)	759 (23,2%)
Very much	2 (25,0%)	393 (12,0%)
Missing	3 (37,5%)	266 (8,11%)

Patients who feel weak:

Not at all	-	760 (23,2%)
A little	-	1079 (32,9%)
Quite a bit	2 (25,0%)	740 (22,6%)
Very much	3 (37,5%)	386 (11,8%)
Missing	2 (25,0%)	265 (8,08%)

Patients who are depressed:

Not at all	2 (25,0%)	1318 (40,2%)
A little	1 (12,5%)	1001 (30,5%)
Quite a bit	1 (12,5%)	431 (13,1%)
Very much	1 (12,5%)	199 (6,07%)
Missing	2 (25,0%)	270 (8,24%)

Patients who are tired:

Not at all	-	799 (24,4%)
A little	2 (25,0%)	1157 (35,3%)
Quite a bit	2 (25,0%)	651 (19,9%)
Very much	2 (25,0%)	352 (10,7%)
Missing	2 (25,0%)	270 (8,24%)

Patients whose pain interferes with their daily activities:

Not at all	1 (12,5%)	1232 (37,6%)
A little	-	858 (26,2%)
Quite a bit	3 (37,5%)	531 (16,2%)
Very much	1 (12,5%)	318 (9,70%)
Missing	2 (25,0%)	288 (8,79%)

Patients who lack appetite:

Not at all	2 (25,0%)	1159 (35,4%)
A little	1 (12,5%)	880 (26,8%)
Quite a bit	1 (12,5%)	550 (16,8%)
Very much	1 (12,5%)	355 (10,8%)
Missing	3 (37,5%)	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	3 (37,5%)	121 (3,69%)

Maximum activity performed by patients

Able to do sports	2 (25,0%)	135 (4,12%)
Fully active	1 (12,5%)	462 (14,1%)
Able to carry out light activities	-	675 (20,6%)
Able to carry out self care	2 (25,0%)	777 (23,7%)
Able to carry out limited self care	1 (12,5%)	487 (14,9%)

Confined to bed or chair	-	463 (14,1%)
Missing	2 (25,0%)	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	2 (25,0%)	701 (21,4%)
Patients needing help to complete questionnaire	4 (50,0%)	1819 (55,5%)
Patients believing that including nutrition in their therapeutic approach could provide relevant benefit to them:	1 (12,5%)	2090 (63,8%)