



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2020 and for your effort. We are now able to present you your country report of the following sample size:

Number of participated center:	1
Number of participated units:	6
Number of patients:	78
Number of patients who gave consent:	78
Number of patients completing Sheet 3a:	78
Number of patients completing Sheet 3b:	78
Number of patients with 30-day outcome assessment:	78

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

The report consists of 4 parts:

Part I reflects capacity and staffing of your hospitals.

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.

Next year's nutritionDay will take place in November 2021. Again, we would very much appreciate your participation. You will be provided with further information on a regular

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	133 [133-133]	375 [213-715]
2. Total number of admissions in the hospital last year	2350 [2350-2350]	18870 [9512-38961]
3. Total number of staff in the hospital		
Total medical doctors	20 [20-20]	186 [90-417]
Medical specialists	20 [20-20]	124 [54-273]
Medical non-specialists	-	45 [19-116]
Nurses	74 [74-74]	440 [208-910]
Dieticians	1 [1-1]	5 [1-10]
Nutritionists	1 [1-1]	1 [0-5]
Pharmacists	1 [1-1]	8 [4-24]
Kitchen staff	11 [11-11]	32 [15-62]
Full time equivalent		
Total medical doctors	20 [20-20]	175 [76-394]
Medical specialists	-	121 [50-274]
Medical non-specialists	-	45 [18-138]
Nurses	70 [70-70]	380 [198-793]
Dieticians	-	5 [2-8]
Nutritionists	-	1 [0-3]
Pharmacists	-	7 [4-20]
Kitchen staff	-	30 [14-57]
4. Does the hospital have a nutrition care strategy?	Yes	439 (80.8%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	Yes	391 (72.0%) Yes
Nutrition steering committee is available	Yes	328 (60.4%) Yes
Quality indicators are recorded and reported to national or regional level	-	229 (42.2%) Yes
Quality indicators are used for internal benchmarking	-	299 (55.1%) Yes
Patient feedback about food and food service is collected using a questionnaire	Yes	415 (76.4%) Yes
None	-	32 (5.9%) Yes
No answer given	-	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	Yes	296 (54.5%) Yes

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

Codes routinely used

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

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	-	20.5%
Internal Medicine / Cardiology	-	4.3%
Internal Medicine / Gastroenterology & hepatology	-	7.6%
Internal Medicine / Geriatrics	-	9.5%
Internal Medicine / Infectious diseases	-	0.5%
Internal Medicine / Nephrology	-	1.3%
Internal Medicine / Oncology (incl. radiotherapy)	-	8.0%
Interdisciplinary	-	2.9%
Long term care	-	2.6%
Neurology	-	4.0%
Surgery / General	-	14.5%
Surgery/ Cardiac/Vascular/Thoracic	-	1.8%
Surgery / Neurosurgery	-	0.7%
Surgery / Orthopedic	-	3.5%
Trauma	-	0.6%
Ear Nose Throat (ENT)	-	1.4%
Gynecology / Obstetrics	-	1.6%
Pediatrics	-	0.4%
Psychiatry	-	1.0%
Others	6 (100.0%)	13.2%
2. Number of registered inpatients at noon	21 [20-23]	24 [18-31]
3. Total bed capacity of the unit	26 [25-27]	29 [24-38]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	3 [3-4]	3 [2-7]
Nurses	4 [4-4]	4 [3-7]
Nursing aides	4 [3-4]	2 [1-3]
Dieticians	0 [0-0]	1 [0-1]
Nutritionists	1 [1-1]	0 [0-1]
Administrative staff	0 [0-0]	1 [0-1]
Other staff involved in patient care	1 [0-2]	1 [0-3]
In training		
Medical doctors	-	1 [0-3]
Medical students	-	0 [0-2]
Nurses	2 [2-2]	1 [0-2]

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

5. Is there a nutrition support team in your hospital available? 6 (100%) Yes 936 (81.4%) Yes

6. Does the unit have a nutrition care strategy? 3 (50.0%) Yes 890 (77.4%) Yes

7. Is there a person in your unit responsible for nutrition care? 2 (33.3%) Yes 831 (72.3%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 6 (100%) Yes 1155 (90.1%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 5 (83.3%) Yes 662 (57.6%) Yes

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

At admission

No routine screening	-	101 (7.5%) Yes
No fixed criteria	-	13 (0.97%) Yes
Experience / visual assessment only	-	85 (6.3%) Yes
Weighing / BMI only	1 (16.7%) Yes	193 (14.3%) Yes
Nutritional Risk Screening (NRS) 2002	-	455 (33.8%) Yes
Malnutrition Universal Screening Tool (MUST)	5 (83.3%) Yes	86 (6.4%) Yes
Malnutrition Screening tool (MST)	-	94 (7.0%) Yes
SNAQ	-	27 (2.0%) Yes
Other formal tool	-	218 (16.2%) Yes
I do not know	-	10 (0.74%) Yes
Missing	-	64 (4.8%)

During hospital stay

No routine monitoring	-	120 (8.9%) Yes
No fixed criteria	1 (16.7%) Yes	101 (7.5%) Yes
Experience / visual assessment only	-	212 (15.8%) Yes
Weighing / BMI only	5 (83.3%) Yes	438 (32.5%) Yes
Other formal tool	-	378 (28.1%) Yes
I do not know	-	33 (2.5%) Yes
Missing	-	64 (4.8%)

11a. Do you routinely use guidelines or standards for nutrition care? 6 (100%) Yes 954 (85.2%) Yes

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

International guidelines	-	266 (27.9%) Yes
National guidelines	2 (33.3%) Yes	148 (15.5%) Yes
Standards on hospital level	4 (66.7%) Yes	355 (37.2%) Yes
Standards on unit level	-	58 (6.1%) Yes
Individual patient nutrition care plans	-	111 (11.6%) Yes
Other	-	8 (0.84%) Yes
Missing	-	8 (0.84%)

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

Watchful waiting	-	355 (26.4%) Yes
Discuss nutrition care activities during ward rounds	3 (50.0%) Yes	572 (42.5%) Yes
Develop an individual nutrition care plan	2 (33.3%) Yes	675 (50.1%) Yes
Initiate treatment / nutrition intervention	3 (50.0%) Yes	739 (54.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	2 (33.3%) Yes	739 (54.9%) Yes
Consult a medical professional	-	472 (35.1%) Yes
Calculate energy requirements	1 (16.7%) Yes	593 (44.1%) Yes
Calculate protein requirements	1 (16.7%) Yes	574 (42.6%) Yes

Malnourished

Watchful waiting	-	252 (18.7%) Yes
Discuss nutrition care activities during ward rounds	2 (33.3%) Yes	614 (45.6%) Yes
Develop an individual nutrition care plan	6 (100%) Yes	739 (54.9%) Yes
Initiate treatment / nutrition intervention	5 (83.3%) Yes	797 (59.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	6 (100%) Yes	729 (54.2%) Yes
Consult a medical professional	3 (50.0%) Yes	540 (40.1%) Yes
Calculate energy requirements	3 (50.0%) Yes	686 (51.0%) Yes
Calculate protein requirements	3 (50.0%) Yes	670 (49.8%) Yes

Every patient

Watchful waiting	6 (100%) Yes	668 (49.6%) Yes
Discuss nutrition care activities during ward rounds	1 (16.7%) Yes	331 (24.6%) Yes
Develop an individual nutrition care plan	-	220 (16.3%) Yes
Initiate treatment / nutrition intervention	-	173 (12.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	256 (19.0%) Yes
Consult a medical professional	-	267 (19.8%) Yes
Calculate energy requirements	-	166 (12.3%) Yes
Calculate protein requirements	-	148 (11.0%) Yes

Never

Watchful waiting	-	95 (7.1%) Yes
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Discuss nutrition care activities during ward rounds	1 (16.7%) Yes	58 (4.3%) Yes
Develop an individual nutrition care plan	-	40 (3.0%) Yes
Initiate treatment / nutrition intervention	-	22 (1.6%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	20 (1.5%) Yes
Consult a medical professional	3 (50.0%) Yes	124 (9.2%) Yes
Calculate energy requirements	3 (50.0%) Yes	120 (8.9%) Yes
Calculate protein requirements	3 (50.0%) Yes	139 (10.3%) Yes

I do not know

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

13. When do you routinely weigh your patients?

at admission	6 (100%) Yes	878 (65.2%) Yes
Within 24 hours	-	203 (15.1%) Yes
Within 48 hours	-	74 (5.5%) Yes
Within 72 hours	-	32 (2.4%) Yes
Every week	3 (50.0%) Yes	631 (46.9%) Yes
Occasionally	-	153 (11.4%) Yes
When requested	3 (50.0%) Yes	707 (52.5%) Yes
At discharge	1 (16.7%) Yes	65 (4.8%) Yes
Never	-	12 (0.89%) Yes
I do not know	-	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	6 (100%) Yes	1043 (77.5%) Yes
Offer meal choices	6 (100%) Yes	989 (73.5%) Yes
Offer different portion sizes	3 (50.0%) Yes	900 (66.9%) Yes
Consider food presentation	4 (66.7%) Yes	460 (34.2%) Yes
Change food texture/consistency as needed	6 (100%) Yes	1106 (82.2%) Yes
Consider patient problems with eating and drinking	6 (100%) Yes	1111 (82.5%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	5 (83.3%) Yes	399 (29.6%) Yes
Promote positive eating environment	5 (83.3%) Yes	493 (36.6%) Yes
Consider cultural/religious preferences	5 (83.3%) Yes	999 (74.2%) Yes
Consider patient allergies / intolerances	6 (100%) Yes	1163 (86.4%) Yes
Other	-	101 (7.5%) Yes

I do not know	-	23 (1.7%) Yes
No answer given	-	64 (4.8%)

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

Nutrition training is available	5 (83.3%) Yes	772 (57.4%) Yes
Reporting of nutrition related information to hospital managers	3 (50.0%) Yes	544 (40.4%) Yes
Quality indicators are recorded and reported to national or regional level	2 (33.3%) Yes	422 (31.4%) Yes
Quality indicators are used for internal benchmarking	2 (33.3%) Yes	494 (36.7%) Yes
Patient feedback about food and food service is collected using a questionnaire	5 (83.3%) Yes	805 (59.8%) Yes
None	-	38 (2.8%) Yes
I do not know	-	59 (4.4%) Yes
No answer given	-	196 (14.6%)

16. At admission what is asked and documented?

Change in weight	6 (100%) Yes	985 (73.2%) Yes
Eating habits/difficulties	6 (100%) Yes	932 (69.2%) Yes
Nutrition before admission	6 (100%) Yes	746 (55.4%) Yes
None	-	20 (1.5%) Yes
I do not know	-	39 (2.9%) Yes
No answer given	-	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	5 (83.3%) Yes	965 (71.7%) Yes
nutrition treatment	6 (100%) Yes	759 (56.4%) Yes
None	-	53 (3.9%) Yes
I do not know	-	40 (3.0%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	3 (50.0%) Yes	573 (42.6%) Yes
makes future nutrition-related recommendations	5 (83.3%) Yes	775 (57.6%) Yes
None	-	112 (8.3%) Yes
I do not know	-	136 (10.1%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	3 (50.0%) Yes	475 (44.9%) Yes
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19. Who filled in this sheet?

Head staff	-	369 (27.4%) Yes
Dietician	-	641 (47.6%) Yes
Nurse	1 (16.7%) Yes	339 (25.2%) Yes

Physician	5 (83.3%) Yes	140 (10.4%) Yes
Administrative staff	-	22 (1.6%) Yes
Other	-	87 (6.5%) Yes
None	-	-
I do not know	-	16 (1.2%) Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	78	24938
Age	71 [59-80]	67 [52-79]
Female	35 (44.9%)	12350 (49.5%)
Weight	69.7±13.9	70.6±18.8
Height	169±8	166±10
BMI	24.5±4.8	25.6±5.9

1. This hospital admission was...

planned	67 (85.9%)	8897 (35.7%)
an emergency	11 (14.1%)	14095 (56.5%)
I do not know	-	1946 (7.8%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	2 (2.6%)	2401 (9.6%)
0200 Neoplasms	3 (3.8%)	4540 (18.2%)
0300 Blood and bloodforming organs and the immune mechanism	4 (5.1%)	1745 (7.0%)
0400 Endocrine, nutritional and metabolic diseases	12 (15.4%)	3135 (12.6%)
0500 Mental health	2 (2.6%)	1229 (4.9%)
0600 Nervous system	25 (32.1%)	2384 (9.6%)
0700 Eye and adnexa	1 (1.3%)	314 (1.3%)
0800 Ear and mastoid process	-	143 (0.57%)
0900 Circulatory system	20 (25.6%)	5456 (21.9%)
1000 Respiratory system	16 (20.5%)	3828 (15.4%)
1100 Digestive system	4 (5.1%)	6160 (24.7%)
1200 Skin and subcutaneous tissue	-	1185 (4.8%)
1300 Musculoskeletal system and connective tissue	23 (29.5%)	4086 (16.4%)
1400 Genitourinary system	-	2781 (11.2%)
1500 Pregnancy, childbirth and the puerperium	-	294 (1.2%)
1600 Conditions originating in the perinatal period	2 (2.6%)	55 (0.22%)
1700 Congenital/chromosomal abnormalities	-	57 (0.23%)
1800 Symptoms, signs, abnormal clinical/lab findings	-	1374 (5.5%)
1900 Injury, poisoning	7 (9.0%)	699 (2.8%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	1 (1.3%)	760 (3.0%)
2100 Factors influencing health status and contact with health services	-	967 (3.9%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	23 (29.5%)	4815 (20.0%)
Myocardial infarction	8 (10.3%)	1295 (5.4%)
Chronic lung disease	21 (26.9%)	3095 (12.9%)
Cerebral vascular disease	18 (23.1%)	2104 (8.8%)
Peripheral vascular disease	13 (16.9%)	2576 (10.7%)
Chronic liver disease	10 (12.8%)	1387 (5.8%)
Chronic kidney disease	11 (14.5%)	2780 (11.6%)
Diabetes	13 (16.9%)	5493 (22.8%)
Cancer	10 (13.0%)	5291 (22.0%)
Infection	6 (7.8%)	3401 (14.2%)
Dementia	1 (1.3%)	1201 (5.0%)
Major depressive disorder	6 (7.8%)	1146 (4.8%)
Other chronic mental disorder	10 (13.0%)	1129 (4.7%)
Other chronic disease	18 (23.1%)	6182 (25.7%)
None	17 (21.8%)	4918 (19.7%)

4a. Previous operation during this hospital stay

Yes, planned	24 (30.8%)	4588 (18.4%)
Yes, acute	22 (28.2%)	1540 (6.2%)
No	32 (41.0%)	15619 (62.6%)
I do not know	-	235 (0.94%)
Missing	-	2956 (11.9%)

Days since operation	17 [10-27]	4 [1-13]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	1 (1.3%)	1928 (7.7%)
Yes, later	1 (1.3%)	1364 (5.5%)
No	72 (92.3%)	17466 (70.0%)
I do not know	-	777 (3.1%)
Missing	4 (5.1%)	3403 (13.6%)

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

21 (26.9%)	2367 (10.6%)
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6. Is this patient terminally ill?

-	1518 (6.1%)
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7. Fluid status

Normal	72 (92.3%)	19053 (76.4%)
Overloaded	4 (5.1%)	1296 (5.2%)
Dehydrated	2 (2.6%)	1231 (4.9%)
I do not know	-	3358 (13.5%)
Missing	-	-

8. Number of different medications planned

Oral	8 [6-10]	5 [2-8]
Other	1 [1-2]	2 [1-4]

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

Malnourished	9 (11.5%)	3162 (12.7%)
At risk	18 (23.1%)	4616 (18.5%)
No	51 (65.4%)	15318 (61.4%)
I do not know	-	1842 (7.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	3 (3.8%)	8176 (32.8%)
5% Glucose solution	-	2128 (8.5%)

11. Number of ONS drinks planned

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

Regular hospital food	74 (94.9%)	15131 (60.7%)
Fortified/enriched hospital food	6 (7.7%)	3290 (13.2%)
Protein/energy supplement (e.g. ONS drinks)	20 (25.6%)	4070 (16.3%)
Enteral nutrition	1 (1.3%)	1106 (4.4%)
Parenteral nutrition	-	1022 (4.1%)
Special diet	6 (7.7%)	7501 (30.1%)
None	2 (2.6%)	982 (3.9%)

13a. All lines and Tubes

Central Venous	2 (2.6%)	2136 (9.6%)
Peripheral venous access	18 (23.1%)	11129 (49.9%)
Nasogastric	-	528 (2.4%)
Nasojejunal	-	115 (0.52%)
Nasoduodenal	-	82 (0.37%)
Enterostoma	-	100 (0.45%)
Percutaneous endoscopy/surgical gastrostomy	-	216 (0.97%)
Percutaneous endoscopy/surgical jejunostomy	-	91 (0.41%)
None	59 (75.6%)	11685 (46.9%)

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

Yes, previously	-	352 (1.4%)
Yes, ongoing	1 (1.3%)	210 (0.84%)
No	72 (92.3%)	18650 (74.8%)
I do not know	1 (1.3%)	2030 (8.1%)
Missing	4 (5.1%)	3696 (14.8%)

14. Please indicate if any of the following was done for this patient since admission		
Energy requirements were determined	13 (16.7%)	8591 (38.5%)
Protein requirements were determined	11 (14.1%)	7723 (34.6%)
Food/Nutrition intake was recorded in the patient record	16 (20.5%)	9521 (42.7%)
Nutrition treatment plan was developed	14 (17.9%)	8177 (36.6%)
Nutrition expert was consulted	12 (15.4%)	8667 (38.8%)
Malnutrition status is recorded in the patient record	20 (25.6%)	7448 (33.4%)
None	-	-

15a. Energy goal

< 500 kcal	-	783 (3.1%)
500-999 kcal	-	194 (0.78%)
1000-1499 kcal	2 (2.6%)	1956 (7.8%)
1500-1999 kcal	66 (84.6%)	7632 (30.6%)
>=2000 kcal	2 (2.6%)	2380 (9.5%)
Not determined	8 (10.3%)	7419 (29.7%)
I do not know	-	1959 (7.9%)
Missing	-	2615 (10.5%)

15b. Energy intake

< 500 kcal	-	1316 (5.3%)
500-999 kcal	-	938 (3.8%)
1000-1499 kcal	2 (2.6%)	2996 (12.0%)
1500-1999 kcal	63 (80.8%)	5568 (22.3%)
>=2000 kcal	1 (1.3%)	1218 (4.9%)
Not determined	11 (14.1%)	7394 (29.6%)
I do not know	1 (1.3%)	2893 (11.6%)
Missing	-	2615 (10.5%)

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

Improved	68 (87.2%)	11443 (45.9%)
Deteriorated	1 (1.3%)	1219 (4.9%)
Remained the same	4 (5.1%)	6079 (24.4%)
This patient has just been admitted	5 (6.4%)	1466 (5.9%)
I do not know	-	2116 (8.5%)
Missing	-	2615 (10.5%)

Length of hospital stay (days)	29 [19-44]	12 [6-23]
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Outcome Code

1= Still in the hospital	11 (14.1%)	2515 (10.1%)
2= Transferred to another hospital	5 (6.4%)	534 (2.1%)
3= Transferred to long term care	-	1049 (4.2%)

4= Rehabilitation	-	871 (3.5%)
5= Discharged home	62 (79.5%)	18594 (74.6%)
6= Death	-	785 (3.1%)
7= Others	-	410 (1.6%)
Missing	-	180 (0.72%)

Readmitted since ND

1= No	62 (92.5%)	16760 (76.8%)
2= Yes, same hospital planned	-	1458 (6.7%)
3= Yes, same hospital unplanned	-	1363 (6.2%)
4= Yes, different hospital planned	-	114 (0.52%)
5= Yes, different hospital unplanned	-	114 (0.52%)
6= Unknown	1 (1.5%)	481 (2.2%)
Missing	4 (6.0%)	1471 (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	64 (82.1%)	15402 (63.5%)
I am vegetarian	1 (1.3%)	445 (1.8%)
I adhere to a vegan diet	-	160 (0.66%)
I eat gluten-free diet	1 (1.3%)	204 (0.84%)
I avoid added sugars	7 (9.0%)	3626 (14.9%)
I avoid carbohydrates	3 (3.8%)	1383 (5.7%)
I eat a low fat-diet	1 (1.3%)	2463 (10.2%)
I am lactose intolerant	-	809 (3.3%)
Other special diet due to intolerances/allergies	2 (2.6%)	416 (1.7%)
Other	3 (3.8%)	1608 (6.6%)
No answer given	1 (1.3%)	2801 (11.5%)
2. Where did you live before your current hospital admission?		
At home	32 (41.0%)	19123 (78.8%)
In a nursing home or other live-in facility	1 (1.3%)	762 (3.1%)
I was transferred from another hospital	44 (56.4%)	1370 (5.6%)
Other	-	330 (1.4%)
Missing	1 (1.3%)	2674 (11.0%)
3. In general, are you able to walk?		
Yes	38 (48.7%)	13831 (57.0%)
Yes, with someone's help	4 (5.1%)	2252 (9.3%)
Yes, independently using a cane, walker, or crutches	20 (25.6%)	3228 (13.3%)
No, I have a wheelchair	14 (17.9%)	852 (3.5%)
No, I am bedridden	1 (1.3%)	1317 (5.4%)
Missing	1 (1.3%)	2779 (11.5%)
4. In general, how would you say your health is?		
Very good	7 (9.0%)	1712 (7.1%)
Good	33 (42.3%)	7821 (32.2%)
Fair	22 (28.2%)	8148 (33.6%)
Poor	11 (14.1%)	3099 (12.8%)
Very poor	4 (5.1%)	710 (2.9%)
Missing	1 (1.3%)	2769 (11.4%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	2 [0-4]	5 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	1 [0-1]	1 [0-2]

... how many nights in total have you spent in hospital?	7 [0-13]	6 [0-16]
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6. How many different medications do you take routinely each day (prior to hospitalisation)?

1-2	9 (11.5%)	4416 (18.2%)
3-5	27 (34.6%)	5773 (23.8%)
More than 5	37 (47.4%)	6835 (28.2%)
None	1 (1.3%)	3630 (15.0%)
I do not know	4 (5.1%)	820 (3.4%)
Missing	-	2785 (11.5%)

7. Do you have health insurance?

Yes, private insurance only	2 (2.6%)	3823 (15.8%)
Yes, public insurance only	7 (9.0%)	11203 (46.2%)
Yes, both	2 (2.6%)	2662 (11.0%)
None	63 (80.8%)	2485 (10.2%)
I prefer not to answer	2 (2.6%)	986 (4.1%)
Missing	2 (2.6%)	3100 (12.8%)

8. What was your weight 5 years ago?

	72 [66-80]	72 [62-85]
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I do not know	11 (14.1%)	5440 (22.4%)
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9a. Have you lost weight within the last 3 months?

Yes, intentionally	3 (3.8%)	2202 (9.1%)
Yes, unintentionally	38 (48.7%)	9411 (38.8%)
No, my weight stayed the same	23 (29.5%)	7247 (29.9%)
No, I gained weight	11 (14.1%)	2760 (11.4%)
I do not know	1 (1.3%)	2195 (9.0%)
Missing	2 (2.6%)	444 (1.8%)

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

	5 [3-9]	6 [4-10]
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I do not know	5 (12.2%)	1851 (15.9%)
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10. Did you know about your hospitalisation two days before admission? (Yes)

	61 (82.4%)	8227 (39.7%)
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11. Please indicate if you ...

... were weighed at admission	74 (94.9%)	12540 (58.3%)
... were informed about your nutrition status	40 (51.3%)	7803 (36.5%)
... were informed about nutrition care options	45 (58.4%)	7174 (33.6%)
... received special nutrition care	23 (29.5%)	6955 (32.7%)

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

More than normal	3 (3.8%)	1099 (4.5%)
Normal	54 (69.2%)	14509 (60.0%)

About 3/4 of normal	10 (12.8%)	2651 (11.0%)
About half of normal	10 (12.8%)	3062 (12.7%)
About a quarter to nearly nothing	-	2263 (9.4%)
I do not know	1 (1.3%)	231 (0.96%)
Missing	-	362 (1.5%)

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

Very satisfied	38 (48.7%)	5394 (22.3%)
Somewhat satisfied	28 (35.9%)	7204 (29.8%)
Neutral	8 (10.3%)	4214 (17.4%)
Dissatisfied	4 (5.1%)	1854 (7.7%)
Very dissatisfied	-	673 (2.8%)
I do not know	-	1694 (7.0%)
Missing	-	3144 (13.0%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	-	2177 (9.0%)
Yes, from hospital staff	4 (5.1%)	1475 (6.1%)
No	71 (91.0%)	16830 (69.6%)
I do not know	-	282 (1.2%)
Missing	3 (3.8%)	3413 (14.1%)

15. Were you able to eat without interruption TODAY? (Yes)

72 (92.3%) 15256 (74.7%)

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

About all	58 (74.4%)	11133 (46.0%)
1/2	14 (17.9%)	6143 (25.4%)
1/4	2 (2.6%)	3103 (12.8%)
Nothing	-	2802 (11.6%)
Missing	4 (5.1%)	996 (4.1%)

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

Standard	54 (69.2%)	13732 (56.8%)
Smaller	1 (1.3%)	2093 (8.7%)
Larger	19 (24.4%)	1046 (4.3%)
I do not know	1 (1.3%)	2302 (9.5%)
Missing	3 (3.8%)	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	1 (6.3%)	1945 (16.1%)
I did not like the smell/taste of the food	2 (12.5%)	1480 (12.3%)
The food did not fit my cultural/religious preferences	-	127 (1.1%)
The food was too hot	-	54 (0.45%)

The food was too cold	-	281 (2.3%)
Due to food allergy/intolerance	-	105 (0.87%)
I was not hungry at that time	6 (37.5%)	1991 (16.5%)
I do not have my usual appetite	5 (31.3%)	3586 (29.8%)
I have problems chewing/swallowing	1 (6.3%)	716 (5.9%)
I normally eat less than what was served	8 (50.0%)	1383 (11.5%)
I had nausea/vomiting	-	984 (8.2%)
I was too tired	2 (12.5%)	740 (6.1%)
I cannot eat without help	-	191 (1.6%)
I was not allowed to eat	-	1088 (9.0%)
I had an exam, surgery, or test and missed my meal	-	733 (6.1%)
I did not get requested food	-	124 (1.0%)
No answer given	-	1823 (15.1%)

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

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

19a. Did you eat any food apart from hospital food TODAY? 13 (16.9%) 5831 (29.2%)

19b. If yes, what did you eat?

Sweet snacks	12 (92.3%)	1820 (31.2%)
Salty snacks	2 (15.4%)	645 (11.1%)
Homemade food	-	896 (15.4%)
Fruits	2 (15.4%)	2357 (40.4%)
Dairy products	-	686 (11.8%)
Food delivered/restaurant	-	272 (4.7%)
Sandwich	-	347 (6.0%)
Other	-	795 (13.6%)

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

Increased	20 (25.6%)	3329 (13.8%)
Decreased	23 (29.5%)	6808 (28.2%)
Stayed the same	34 (43.6%)	9055 (37.5%)
I do not know	1 (1.3%)	1479 (6.1%)
Missing	-	3506 (14.5%)

21. TODAY I feel...

Stronger than at admission	54 (69.2%)	10558 (43.7%)
Weaker than at admission	4 (5.1%)	4610 (19.1%)
Same as at admission	13 (16.7%)	6833 (28.3%)
I was admitted today	4 (5.1%)	576 (2.4%)
I do not know	2 (2.6%)	1178 (4.9%)
Missing	1 (1.3%)	422 (1.7%)

22. Can you walk without assistance TODAY?

Yes	40 (51.3%)	14229 (58.9%)
No, only with assistance	34 (43.6%)	5989 (24.8%)
No, I stay in bed	4 (5.1%)	2912 (12.0%)
Missing	-	1047 (4.3%)

23. Did anyone help you complete this questionnaire?	25 (32.5%)	13801 (65.2%)
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	YOUR RESULTS	REFERENCE RESULTS
1. Are you COVID-19 positive TODAY?		
Yes	-	-
No	69 (88.5%)	-
I do not know	-	-
Missing	9 (11.5%)	-
2. Have you been tested COVID-19 positive in the last:		
0-3 months	-	-
3-6 months	1 (1.3%)	-
6-12 months	-	-
>1 year	-	-
never	64 (82.1%)	-
I do not know	5 (6.4%)	-
Missing	8 (10.3%)	-
3. Have you been hospitalized during your COVID-19 infection?		
Yes	28 (35.9%)	-
No	42 (53.8%)	-
I do not know	-	-
Missing	8 (10.3%)	-