



nutritionDay
WORLDWIDE

Country Report

nutritionDay November 2015 in SWITZERLAND

Dear participant,

Mai 2016

thank you for your participation in nutritionDay worldwide in November 2015 and for your effort. We can finally present you your country report of the following sample size:

Number of units on nutritionDay:	6
Number of patients on nutritionDay:	70
Number of patients completing Sheet 3a:	68
Number of patients completing Sheet 3b:	67

The report consists of 3 parts:

Part I reflects the organisation and the structure of the unit.

Part II describes the patients according to questionnaire "sheet 2".

Part III is the summary of information on nutrition given by the patients according to sheet 3a and 3b.

You will find some explanations how to read and interpret the data on the next page.

Next year's nutritionDay will take place in November 2016. 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 Kosak, MA

How to read the results

Your report is configured as table with 3 columns. The first column contains the name of the result, possibly with a short description. In the second column you will find your unit's results and in the third column you can see the reference values from units comparable to your patients.

You will find "(n)" in brackets indicating that results are referring to a certain number of patients. Generally the patients' results are based on the number of patients participating at your unit.

For example: *number of patients on nutritionDay 2015 = 20*

Fluid status (n):
dehydrated 4

Explanation: 4 of 20 patients participating are reported to be dehydrated on nutritionDay 2015.

If results are referring to an "n" different to the number of patients participating, a short explanation will be given.

For example: *number of patients on nutritionDay 2015 = 20*

Weight loss within 3 months (n)

Yes 10

Category of weight decrease (n):

0-4 kg 4

5-8 kg 2

> 8 kg 1

not sure 2

missing 1

Explanation: 10 of 20 patients reported a weight loss within the last 3 months. The category of weight decrease is only referring to these 10 patients having lost weight.

Be careful! - There are some multiple choice questions in the questionnaires. In this case the total number of answers exceeds the number of patients. These results are marked with an asterisk.

For example: *Affected organs (n)**

Mean and standard deviation are displayed as follows:

For example: *Weight (kg) 75 ± 15*

Median and range are displayed that way:

For example: *LOS (days) 8 [5-15]*

I. DESCRIPTION OF THE UNIT ("Sheet 1"):

	882 units, 18242 patients	
	YOUR RESULTS	REFERENCE ND-15
Number of beds (n):		
Actual	17 ± 3	26 ± 14
Maximum	19 ± 2	31 ± 15
Number of patients on the nutritionDay (n):		
Total	70	18242
Did not give consent	2 (2.86%)	1878 (10.3%)
Needed help completing form	68 (97.1%)	9572 (52.5%)
Terminally ill	-	2221 (12.2%)
Specialities (n):		
Internal medicine / general	2 (33.3%)	210 (23.8%)
Internal medicine / gastroenterology and hepatology	-	71 (8.05%)
Internal medicine / oncology (incl. radiotherapy)	1 (16.7%)	72 (8.16%)
Internal medicine / cardiology	-	52 (5.90%)
Internal medicine / infectious diseases	-	8 (0.91%)
Internal medicine / geriatrics	-	65 (7.37%)
Internal medicine / nephrology	1 (16.7%)	18 (2.04%)
Pediatrics	-	10 (1.13%)
Neurology	-	33 (3.74%)
Psychiatry	-	13 (1.47%)
Ear Nose Throat (ENT)	2 (33.3%)	20 (2.27%)
General surgery	-	120 (13.6%)
Cardiothoracic surgery	-	10 (1.13%)
Orthopedic surgery	-	52 (5.90%)
Trauma	-	14 (1.59%)
Neurosurgery	-	3 (0.34%)
Gynecology	-	15 (1.70%)
Long-term-care	-	11 (1.25%)
Others	-	85 (9.64%)
Staff /Staff per patient (n):		
Physicians	3.50 ± 1.38	5.42 ± 5.91
Physicians per patient	0.18 ± 0.08	0.18 ± 0.18
Consultants	1.00 ± 1.00	2.49 ± 4.49
Consultants per patient	0.05 ± 0.05	0.08 ± 0.16
Registrars	1.20 ± 1.10	1.47 ± 2.99
Registrars per patient	0.07 ± 0.06	0.05 ± 0.10
Nurses	6.17 ± 3.37	7.55 ± 7.10
Nurses per patient	0.31 ± 0.14	0.24 ± 0.21
Nursing aides	2.00 ± 0.00	2.84 ± 3.63

Nursing aides per patient	0.10 ± 0.01	0.09 ± 0.10
Dieticians and dietetic assistants	1.20 ± 0.45	1.24 ± 1.44
Dieticians and dietetic assistants per pat.	0.07 ± 0.03	0.04 ± 0.05

Nutrition Care:

Nutrition Team	6 units (100%) Yes	724 units (82%) Yes
Written procedures		
- individual	5 units (83%) Yes	605 units (69%) Yes
- local	4 units (67%) Yes	418 units (47%) Yes
- national	2 units (33%) Yes	429 units (49%) Yes
- other	- units (00%) Yes	124 units (14%) Yes

Patients' weight assessed:

On admission	5 units (83%) Yes	679 units (77%) Yes
When requested	5 units (83%) Yes	486 units (55%) Yes
Once a week	3 units (50%) Yes	343 units (39%) Yes
Occasionally	- units (00%) Yes	105 units (12%) Yes
Never	- units (00%) Yes	13 units (01%) Yes

II. YOUR PATIENTS ("Sheet 2"):

882 units, 18242 patients

	YOUR RESULTS	REFERENCE ND-15
Number of patients (n):		
Total	70	18242
Patients who completed sheet 3a	68 (97.1%)	15848 (86.9%)
Patients who completed sheet 3b	67 (95.7%)	15415 (84.5%)
Demographic data:		
Age (years)	67 [18-90]	68 [1-116]
Female gender	30 (42.9%)	9222 (50.6%)
Weight (kg)	74.0 ± 22.9	71.9 ± 20.0
Height (cm)	166.3 ± 10.0	165.7 ± 11.7
BMI (kg/m ²)	26.5 ± 7.8	26.0 ± 6.4
ICU-stay:		
Any ICU-stay	10 (14.3%)	1880 (10.3%)
Surgery (n):		
Preoperative patients	3 (4.29%)	1385 (7.59%)
Postoperative patients	16 (22.9%)	4159 (22.8%)
Length of stay in Hospital (days):	13 [2-79]	11 [1-151]
Outcome after 30 days (n):		
Still in hospital	2 (2.86%)	1628 (8.92%)
Transferred to another hospital	2 (2.86%)	383 (2.10%)
Transferred to long-term care	1 (1.43%)	1046 (5.73%)
Rehabilitation	10 (14.3%)	730 (4.00%)
Discharge home	51 (72.9%)	12413 (68.0%)
Death	4 (5.71%)	666 (3.65%)
Others	-	797 (4.37%)
Missing	-	579 (3.17%)
Readmitted (n):	13 (18.6%)	2068 (11.3%)

Results in percent referring to the total number of patients

II. YOUR PATIENTS ("Sheet 2"):

882 units, 18242 patients

	YOUR RESULTS	REFERENCE ND-15
Nutrition therapy (n)*:		
Enteral nutrition	2 (2.86%)	1150 (6.30%)
Parenteral nutrition	2 (2.86%)	618 (3.39%)
Enteral + parenteral nutrition	-	131 (0.72%)
Special diet	2 (2.86%)	4436 (24.3%)
Protein supplement	10 (14.3%)	1913 (10.5%)
Hospital food	64 (91.4%)	10834 (59.4%)
Others	2 (2.86%)	835 (4.58%)
Missing	-	1115 (6.11%)
Lines & tubes (n)*:		
None	8 (11.4%)	11305 (62.0%)
Centralvenous	4 (5.71%)	1299 (7.12%)
Nasogastric tube	1 (1.43%)	335 (1.84%)
Any other (PEG, PEJ, ...)	57 (81.4%)	5303 (29.1%)
Affected organs (n)*:		
Brain, nerves	1 (1.43%)	2365 (13.0%)
Eye, ear	1 (1.43%)	359 (1.97%)
Nose, throat	5 (7.14%)	400 (2.19%)
Heart, circulation	19 (27.1%)	3905 (21.4%)
Lung	11 (15.7%)	2587 (14.2%)
Liver	-	1061 (5.82%)
Gastrointestinal tract	13 (18.6%)	3713 (20.4%)
Kidney, urinary tract, female genital tract	9 (12.9%)	2618 (14.4%)
Endocrine system	4 (5.71%)	1561 (8.56%)
Skeleton, bone, muscle	2 (2.86%)	3235 (17.7%)
Blood, bone marrow	-	842 (4.62%)
Skin	-	711 (3.90%)
Ischaemia	-	271 (1.49%)
Cancer	13 (18.6%)	2381 (13.1%)
Infection	1 (1.43%)	1096 (6.01%)
Pregnancy	-	134 (0.73%)
Others	5 (7.14%)	1167 (6.40%)
No affected organ	-	1075 (5.89%)
Comorbidities (n)*:		
Diabetes I/II	14 (20.0%)	3788 (20.8%)
Stroke	1 (1.43%)	1084 (5.94%)
COPD	6 (8.57%)	1290 (7.07%)
Myocardial infarction	-	615 (3.37%)
Cardiac insufficiency	7 (10.0%)	2373 (13.0%)
Others	43 (61.4%)	7888 (43.2%)
No comorbidity	19 (27.1%)	5897 (32.3%)

Results in percent referring to the total number of patients

III. YOUR PATIENTS ("Sheet 3a"):

882 units, 18242 patients

	YOUR RESULTS	REFERENCE ND-15
Weight loss within the last 3 months (n):		
Total of patients answering	64 (94.1%)	15261 (96.3%)
Yes	27 (39.7%)	6612 (41.7%)
No	30 (44.1%)	6290 (39.7%)
No, I've gained weight	6 (8.82%)	1189 (7.50%)
I don't know	1 (1.47%)	1170 (7.38%)
Category of weight decrease (n):		
Patients reporting weight loss	27 (39.7%)	6612 (41.7%)
0-4 kg	12 (17.6%)	2966 (18.7%)
5-8 kg	8 (11.8%)	1210 (7.64%)
> 8 kg	6 (8.82%)	1665 (10.5%)
Not sure	1 (1.47%)	696 (4.39%)
Missing	-	75 (0.47%)
"How well have you eaten during the last week?"(n):		
Normal	22 (32.4%)	7491 (47.3%)
A bit less than normal	16 (23.5%)	3584 (22.6%)
Less than half of normal	16 (23.5%)	2302 (14.5%)
Less than a quarter to nearly nothing	8 (11.8%)	1782 (11.2%)
Missing	4 (5.88%)	556 (3.51%)
"I ate less because"(n)*:		
Total of patients answering	41 (60.3%)	7679 (48.5%)
Loss of appetite	15 (22.1%)	4361 (27.5%)
Problems with swallowing, mastication	5 (7.35%)	708 (4.47%)
Nausea	3 (4.41%)	1215 (7.67%)
Other reasons	27 (39.7%)	2616 (16.5%)
"Can you walk without assistance?"(n):		
Yes	49 (72.1%)	9574 (60.4%)
No, only with assistance	10 (14.7%)	4110 (25.9%)
No, I stay in bed	5 (7.35%)	1589 (10.0%)
Missing	4 (5.88%)	504 (3.18%)
"In general would you say your health is" (n):		
Excellent	9 (13.2%)	529 (3.34%)
Very good	10 (14.7%)	1343 (8.47%)
Good	21 (30.9%)	4726 (29.8%)
Fair	16 (23.5%)	5561 (35.1%)
Poor	7 (10.3%)	2997 (18.9%)
Missing	5 (7.35%)	692 (4.37%)
Results in percent referring to the total number of patients answering		

III. YOUR PATIENTS ("Sheet 3b"):

882 units, 18242 patients

YOUR RESULTS

REFERENCE ND-15

Hospital food intake:

„Is your appetite normal?“ (n):

Yes	31 (45.6%)	9474 (59.8%)
No	25 (36.8%)	4730 (29.8%)
- I was not hungry	14 (56.0%)	2568 (54.3%)
- Problems with swallowing / mastication	2 (8.00%)	346 (7.32%)
- Nausea	5 (20.0%)	722 (15.3%)
- Others	8 (32.0%)	1174 (24.8%)
No answer	11 (16.2%)	1211 (7.64%)

Fluid and supplement intake (n):

Patients with fluid intake	54 (80.6%)	11895 (77.2%)
Drinks per patient & day (l)	0.49	0.43
Patients with supplements	9 (13.4%)	1566 (10.2%)
Supplements per patient & day (l)	0.03	0.03

„What kind of drinks did you consume?“ (n)*:

Water	54 (80.6%)	9843 (63.9%)
Milk	-	2050 (13.3%)
Fruit juice	4 (5.97%)	3313 (21.5%)
Tea, coffee	8 (11.9%)	6515 (42.3%)
Soft drinks	4 (5.97%)	1406 (9.12%)

Lunch intake (n):

 All	18 (26.9%)	6329 (41.1%)
 1/2	21 (31.3%)	4364 (28.3%)
 1/4	12 (17.9%)	2363 (15.3%)
 Nothing	14 (20.9%)	1984 (12.9%)
? No answer	2 (2.99%)	375 (2.43%)

„I did not eat everything because“ (n)*:

I was not hungry	18 (36.7%)	2743 (30.2%)
I had nausea / vomiting	6 (12.2%)	678 (7.46%)
I was not allowed to eat	3 (6.12%)	850 (9.36%)
I can not eat without help	-	125 (1.38%)
I had an examination / surgery	-	564 (6.21%)
I ordered a smaller portion	2 (4.08%)	201 (2.21%)
I was tired	2 (4.08%)	439 (4.83%)
I normally eat less	2 (4.08%)	853 (9.39%)
I did not like the smell	3 (6.12%)	258 (2.84%)
I did not like the taste	12 (24.5%)	1127 (12.4%)

„Do you eat any food apart from hospital food?“ (n):

Yes	18 (26.5%)	5109 (32.2%)
No	38 (55.9%)	9242 (58.3%)
No answer	11 (16.2%)	1064 (6.71%)

„What do you eat?“ (n)*:

Cakes, biscuits	5 (27.8%)	1581 (30.9%)
Fresh fruits	6 (33.3%)	2214 (43.3%)
Sandwiches	-	456 (8.93%)
Dairy products	4 (22.2%)	690 (13.5%)
Preferred dish	-	504 (9.86%)
Sweets	-	849 (16.6%)
Fruit Juice	1 (5.56%)	691 (13.5%)
Others	7 (38.9%)	840 (16.4%)

“Did you need help to complete the questionnaire?“(according to patient) (n):

Yes	63 (92.6%)	10372 (65.4%)
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Results referring to the total number of completed questionnaires