



nutritionDay
WORLDWIDE

Country Report

nutritionDay November 2015 in ISRAEL

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:	9
Number of patients on nutritionDay:	261
Number of patients completing Sheet 3a:	175
Number of patients completing Sheet 3b:	171

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	33 ± 9	26 ± 14
Maximum	39 ± 13	31 ± 15
Number of patients on the nutritionDay (n):		
Total	261	18242
Did not give consent	20 (7.66%)	1878 (10.3%)
Needed help completing form	127 (48.7%)	9572 (52.5%)
Terminally ill	5 (1.92%)	2221 (12.2%)
Specialities (n):		
Internal medicine / general	3 (33.3%)	210 (23.8%)
Internal medicine / gastroenterology and hepatology	-	71 (8.05%)
Internal medicine / oncology (incl. radiotherapy)	-	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	-	18 (2.04%)
Pediatrics	-	10 (1.13%)
Neurology	1 (11.1%)	33 (3.74%)
Psychiatry	-	13 (1.47%)
Ear Nose Throat (ENT)	-	20 (2.27%)
General surgery	2 (22.2%)	120 (13.6%)
Cardiothoracic surgery	-	10 (1.13%)
Orthopedic surgery	2 (22.2%)	52 (5.90%)
Trauma	-	14 (1.59%)
Neurosurgery	-	3 (0.34%)
Gynecology	-	15 (1.70%)
Long-term-care	-	11 (1.25%)
Others	1 (11.1%)	85 (9.64%)
Staff /Staff per patient (n):		
Physicians	10.00 ± 2.65	5.42 ± 5.91
Physicians per patient	0.27 ± 0.08	0.18 ± 0.18
Consultants	5.44 ± 8.65	2.49 ± 4.49
Consultants per patient	0.16 ± 0.26	0.08 ± 0.16
Registrars	0.33 ± 0.71	1.47 ± 2.99
Registrars per patient	0.01 ± 0.02	0.05 ± 0.10
Nurses	13.56 ± 8.62	7.55 ± 7.10
Nurses per patient	0.38 ± 0.29	0.24 ± 0.21
Nursing aides	3.83 ± 2.65	2.84 ± 3.63

Nursing aides per patient	0.10 ± 0.07	0.09 ± 0.10
Dieticians and dietetic assistants	0.89 ± 0.33	1.24 ± 1.44
Dieticians and dietetic assistants per pat.	0.02 ± 0.01	0.04 ± 0.05

Nutrition Care:

Nutrition Team	9 units (100%) Yes	724 units (82%) Yes
Written procedures		
- individual	7 units (78%) Yes	605 units (69%) Yes
- local	8 units (89%) Yes	418 units (47%) Yes
- national	4 units (44%) Yes	429 units (49%) Yes
- other	- units (00%) Yes	124 units (14%) Yes

Patients' weight assessed:

On admission	7 units (78%) Yes	679 units (77%) Yes
When requested	9 units (100%) Yes	486 units (55%) Yes
Once a week	- units (00%) 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	261	18242
Patients who completed sheet 3a	175 (67.0%)	15848 (86.9%)
Patients who completed sheet 3b	171 (65.5%)	15415 (84.5%)
Demographic data:		
Age (years)	72 [17-103]	68 [1-116]
Female gender	134 (51.3%)	9222 (50.6%)
Weight (kg)	73.0 ± 18.2	71.9 ± 20.0
Height (cm)	164.8 ± 9.7	165.7 ± 11.7
BMI (kg/m ²)	26.8 ± 5.8	26.0 ± 6.4
ICU-stay:		
Any ICU-stay	11 (4.21%)	1880 (10.3%)
Surgery (n):		
Preoperative patients	14 (5.36%)	1385 (7.59%)
Postoperative patients	51 (19.5%)	4159 (22.8%)
Length of stay in Hospital (days):	7 [1-100]	11 [1-151]
Outcome after 30 days (n):		
Still in hospital	9 (3.45%)	1628 (8.92%)
Transferred to another hospital	-	383 (2.10%)
Transferred to long-term care	16 (6.13%)	1046 (5.73%)
Rehabilitation	3 (1.15%)	730 (4.00%)
Discharge home	120 (46.0%)	12413 (68.0%)
Death	13 (4.98%)	666 (3.65%)
Others	3 (1.15%)	797 (4.37%)
Missing	97 (37.2%)	579 (3.17%)
Readmitted (n):	19 (7.28%)	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	30 (11.5%)	1150 (6.30%)
Parenteral nutrition	3 (1.15%)	618 (3.39%)
Enteral + parenteral nutrition	1 (0.38%)	131 (0.72%)
Special diet	44 (16.9%)	4436 (24.3%)
Protein supplement	27 (10.3%)	1913 (10.5%)
Hospital food	161 (61.7%)	10834 (59.4%)
Others	28 (10.7%)	835 (4.58%)
Missing	2 (0.77%)	1115 (6.11%)
Lines & tubes (n)*:		
None	129 (49.4%)	11305 (62.0%)
Centralvenous	6 (2.30%)	1299 (7.12%)
Nasogastric tube	19 (7.28%)	335 (1.84%)
Any other (PEG, PEJ, ...)	107 (41.0%)	5303 (29.1%)
Affected organs (n)*:		
Brain, nerves	51 (19.5%)	2365 (13.0%)
Eye, ear	7 (2.68%)	359 (1.97%)
Nose, throat	-	400 (2.19%)
Heart, circulation	121 (46.4%)	3905 (21.4%)
Lung	73 (28.0%)	2587 (14.2%)
Liver	14 (5.36%)	1061 (5.82%)
Gastrointestinal tract	64 (24.5%)	3713 (20.4%)
Kidney, urinary tract, female genital tract	63 (24.1%)	2618 (14.4%)
Endocrine system	55 (21.1%)	1561 (8.56%)
Skeleton, bone, muscle	59 (22.6%)	3235 (17.7%)
Blood, bone marrow	18 (6.90%)	842 (4.62%)
Skin	16 (6.13%)	711 (3.90%)
Ischaemia	8 (3.07%)	271 (1.49%)
Cancer	22 (8.43%)	2381 (13.1%)
Infection	14 (5.36%)	1096 (6.01%)
Pregnancy	-	134 (0.73%)
Others	15 (5.75%)	1167 (6.40%)
No affected organ	-	1075 (5.89%)
Comorbidities (n)*:		
Diabetes I/II	81 (31.0%)	3788 (20.8%)
Stroke	48 (18.4%)	1084 (5.94%)
COPD	28 (10.7%)	1290 (7.07%)
Myocardial infarction	18 (6.90%)	615 (3.37%)
Cardiac insufficiency	48 (18.4%)	2373 (13.0%)
Others	83 (31.8%)	7888 (43.2%)
No comorbidity	77 (29.5%)	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	169 (96.6%)	15261 (96.3%)
Yes	73 (41.7%)	6612 (41.7%)
No	64 (36.6%)	6290 (39.7%)
No, I've gained weight	14 (8.00%)	1189 (7.50%)
I don't know	18 (10.3%)	1170 (7.38%)
Category of weight decrease (n):		
Patients reporting weight loss	73 (41.7%)	6612 (41.7%)
0-4 kg	30 (17.1%)	2966 (18.7%)
5-8 kg	14 (8.00%)	1210 (7.64%)
> 8 kg	16 (9.14%)	1665 (10.5%)
Not sure	13 (7.43%)	696 (4.39%)
Missing	-	75 (0.47%)
"How well have you eaten during the last week?"(n):		
Normal	68 (38.9%)	7491 (47.3%)
A bit less than normal	30 (17.1%)	3584 (22.6%)
Less than half of normal	38 (21.7%)	2302 (14.5%)
Less than a quarter to nearly nothing	33 (18.9%)	1782 (11.2%)
Missing	5 (2.86%)	556 (3.51%)
"I ate less because"(n)*:		
Total of patients answering	101 (57.7%)	7679 (48.5%)
Loss of appetite	50 (28.6%)	4361 (27.5%)
Problems with swallowing, mastication	9 (5.14%)	708 (4.47%)
Nausea	13 (7.43%)	1215 (7.67%)
Other reasons	45 (25.7%)	2616 (16.5%)
"Can you walk without assistance?"(n):		
Yes	87 (49.7%)	9574 (60.4%)
No, only with assistance	59 (33.7%)	4110 (25.9%)
No, I stay in bed	24 (13.7%)	1589 (10.0%)
Missing	5 (2.86%)	504 (3.18%)
"In general would you say your health is" (n):		
Excellent	12 (6.86%)	529 (3.34%)
Very good	12 (6.86%)	1343 (8.47%)
Good	46 (26.3%)	4726 (29.8%)
Fair	50 (28.6%)	5561 (35.1%)
Poor	51 (29.1%)	2997 (18.9%)
Missing	4 (2.29%)	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	83 (47.4%)	9474 (59.8%)
No	78 (44.6%)	4730 (29.8%)
- I was not hungry	32 (41.0%)	2568 (54.3%)
- Problems with swallowing / mastication	3 (3.85%)	346 (7.32%)
- Nausea	16 (20.5%)	722 (15.3%)
- Others	27 (34.6%)	1174 (24.8%)
No answer	10 (5.71%)	1211 (7.64%)
Fluid and supplement intake (n):		
Patients with fluid intake	116 (67.8%)	11895 (77.2%)
Drinks per patient & day (l)	0.62	0.43
Patients with supplements	12 (7.02%)	1566 (10.2%)
Supplements per patient & day (l)	0.02	0.03
„What kind of drinks did you consume?“ (n)*:		
Water	139 (81.3%)	9843 (63.9%)
Milk	22 (12.9%)	2050 (13.3%)
Fruit juice	39 (22.8%)	3313 (21.5%)
Tea, coffee	81 (47.4%)	6515 (42.3%)
Soft drinks	32 (18.7%)	1406 (9.12%)
Lunch intake (n):		
 All	31 (18.1%)	6329 (41.1%)
 1/2	44 (25.7%)	4364 (28.3%)
 1/4	43 (25.1%)	2363 (15.3%)
 Nothing	49 (28.7%)	1984 (12.9%)
? No answer	4 (2.34%)	375 (2.43%)
„I did not eat everything because“ (n)*:		
I was not hungry	37 (26.4%)	2743 (30.2%)
I had nausea / vomiting	14 (10.0%)	678 (7.46%)
I was not allowed to eat	20 (14.3%)	850 (9.36%)
I can not eat without help	3 (2.14%)	125 (1.38%)
I had an examination / surgery	5 (3.57%)	564 (6.21%)
I ordered a smaller portion	4 (2.86%)	201 (2.21%)
I was tired	10 (7.14%)	439 (4.83%)
I normally eat less	6 (4.29%)	853 (9.39%)
I did not like the smell	9 (6.43%)	258 (2.84%)
I did not like the taste	39 (27.9%)	1127 (12.4%)

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

Yes	71 (40.6%)	5109 (32.2%)
No	94 (53.7%)	9242 (58.3%)
No answer	6 (3.43%)	1064 (6.71%)

„What do you eat?“ (n)*:

Cakes, biscuits	17 (23.9%)	1581 (30.9%)
Fresh fruits	22 (31.0%)	2214 (43.3%)
Sandwiches	17 (23.9%)	456 (8.93%)
Dairy products	10 (14.1%)	690 (13.5%)
Preferred dish	20 (28.2%)	504 (9.86%)
Sweets	9 (12.7%)	849 (16.6%)
Fruit Juice	4 (5.63%)	691 (13.5%)
Others	15 (21.1%)	840 (16.4%)

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

Yes	133 (76.0%)	10372 (65.4%)
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Results referring to the total number of completed questionnaires