



nutritionDay November 2013 in ISRAEL

Dear participant,

February 2014

Thank you for your participation in nutritionDay worldwide in November 2013 and for your effort. We can finally present you your preliminary country report of the following sample size:

Number of units on nutritionDay:	13
Number of patients on nutritionDay:	324
Number of patients completing Sheet 3a:	250
Number of patients completing Sheet 3b:	243

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 on November 6th 2014. 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

PD. Dr. Karin Schindler

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 2013 = 20*

Fluid status (n):
dehydrated 4

Explanation: 4 of 20 patients participating are reported to be dehydrated on nutritionDay 2013.

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 2013 = 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"):

	497 units, 9897 patients	
	YOUR RESULTS	REFERENCE ND-13
Number of beds (n):		
Actual	32 ± 12	27 ± 15
Maximum	34 ± 15	32 ± 16
Number of patients on the nutritionDay (n):		
Total	324	9897
Did not give consent	10 (3.09%)	873 (8.82%)
Needed help completing form	126 (38.9%)	5232 (52.9%)
Terminally ill	14 (4.32%)	707 (7.14%)
Specialities (n):		
Internal medicine / general	8 (61.5%)	125 (25.2%)
Internal medicine / gastroenterology and hepatology	-	33 (6.64%)
Internal medicine / oncology (incl. radiotherapy)	1 (7.69%)	52 (10.5%)
Internal medicine / cardiology	-	40 (8.05%)
Internal medicine / infectious diseases	-	2 (0.40%)
Internal medicine / geriatrics	-	38 (7.65%)
Internal medicine / nephrology	-	8 (1.61%)
Pediatrics	-	5 (1.01%)
Neurology	1 (7.69%)	15 (3.02%)
Psychiatry	-	8 (1.61%)
Ear Nose Throat (ENT)	-	5 (1.01%)
General surgery	-	56 (11.3%)
Cardiothoracic surgery	-	4 (0.80%)
Orthopedic surgery	2 (15.4%)	29 (5.84%)
Trauma	-	7 (1.41%)
Neurosurgery	1 (7.69%)	6 (1.21%)
Gynecology	-	5 (1.01%)
Long-term-care	-	6 (1.21%)
Others	-	53 (10.7%)
Staff /Staff per patient (n):		
Physicians	12.15 ± 8.14	7.20 ± 8.91
Physicians per patient	0.69 ± 1.23	0.25 ± 0.32
Consultants	4.08 ± 3.78	2.71 ± 5.30
Consultants per patient	0.28 ± 0.65	0.09 ± 0.18
Registrars	0.50 ± 0.85	2.12 ± 4.43
Registrars per patient	0.01 ± 0.02	0.07 ± 0.13
Nurses	12.85 ± 10.20	8.34 ± 8.65
Nurses per patient	0.66 ± 1.02	0.27 ± 0.25
Nursing aides	3.15 ± 2.30	3.08 ± 3.31

Nursing aides per patient	0.13 ± 0.14	0.10 ± 0.10
Dieticians and dietetic assistants	1.31 ± 0.48	1.27 ± 1.20
Dieticians and dietetic assistants per pat.	0.05 ± 0.04	0.05 ± 0.05
Nutrition Care:		
Nutrition Team	13 units (100%) Yes	390 units (78%) Yes
Written procedures		
- individual	12 units (92%) Yes	316 units (64%) Yes
- local	13 units (100%) Yes	221 units (44%) Yes
- national	9 units (69%) Yes	225 units (45%) Yes
- other	3 units (23%) Yes	83 units (17%) Yes
Patients' weight assessed:		
On admission	9 units (69%) Yes	396 units (80%) Yes
When requested	10 units (77%) Yes	282 units (57%) Yes
Once a week	1 units (08%) Yes	203 units (41%) Yes
Occasionally	1 units (08%) Yes	61 units (12%) Yes
Never	- units (00%) Yes	2 units (00%) Yes

II. YOUR PATIENTS ("Sheet 2"):

	497 units, 9897 patients	
	YOUR RESULTS	REFERENCE ND-13
Number of patients (n):		
Total	324	9897
Patients who completed sheet 3a	250 (77.2%)	8656 (87.5%)
Patients who completed sheet 3b	243 (75.0%)	8375 (84.6%)
Demographic data:		
Age (years)	71 [18-101]	67 [2-109]
Female gender	154 (47.5%)	4907 (49.6%)
Weight (kg)	71.8 ± 17.7	71.7 ± 20.6
Height (cm)	164.3 ± 9.9	165.2 ± 11.7
BMI (kg/m ²)	26.4 ± 5.9	26.1 ± 6.5
ICU-stay:		
Any ICU-stay	6 (1.85%)	996 (10.1%)
Surgery (n):		
Preoperative patients	8 (2.47%)	799 (8.07%)
Postoperative patients	34 (10.5%)	2361 (23.9%)
Length of stay in Hospital (days):	9 [2-123]	12 [1-358]
Outcome after 30 days (n):		
Still in hospital	15 (4.63%)	1017 (10.3%)
Transferred to another hospital	2 (0.62%)	230 (2.32%)
Transferred to long-term care	11 (3.40%)	598 (6.04%)
Rehabilitation	6 (1.85%)	377 (3.81%)
Discharge home	135 (41.7%)	6785 (68.6%)
Death	12 (3.70%)	390 (3.94%)
Others	-	110 (1.11%)
Missing	143 (44.1%)	390 (3.94%)
Readmitted (n):	22 (6.79%)	1144 (11.6%)

Results in percent referring to the total number of patients

II. YOUR PATIENTS ("Sheet 2"):





	497 units, 9897 patients	
	YOUR RESULTS	REFERENCE ND-13
Nutrition therapy (n)*:		
Enteral nutrition	33 (10.2%)	729 (7.37%)
Parenteral nutrition	3 (0.93%)	276 (2.79%)
Enteral + parenteral nutrition	-	57 (0.58%)
Special diet	66 (20.4%)	2520 (25.5%)
Protein supplement	27 (8.33%)	1215 (12.3%)
Hospital food	194 (59.9%)	5906 (59.7%)
Others	2 (0.62%)	477 (4.82%)
Missing	11 (3.40%)	479 (4.84%)
Lines & tubes (n)*:		
None	244 (75.3%)	6115 (61.8%)
Centralvenous	8 (2.47%)	754 (7.62%)
Nasogastric tube	21 (6.48%)	230 (2.32%)
Any other (PEG, PEJ, ...)	51 (15.7%)	2798 (28.3%)
Affected organs (n)*:		
Brain, nerves	51 (15.7%)	1323 (13.4%)
Eye, ear	12 (3.70%)	190 (1.92%)
Nose, throat	11 (3.40%)	180 (1.82%)
Heart, circulation	127 (39.2%)	2052 (20.7%)
Lung	83 (25.6%)	1428 (14.4%)
Liver	26 (8.02%)	446 (4.51%)
Gastrointestinal tract	50 (15.4%)	1768 (17.9%)
Kidney, urinary tract, female genital tract	67 (20.7%)	1472 (14.9%)
Endocrine system	22 (6.79%)	807 (8.15%)
Skeleton, bone, muscle	66 (20.4%)	1564 (15.8%)
Blood, bone marrow	22 (6.79%)	406 (4.10%)
Skin	16 (4.94%)	400 (4.04%)
Ischaemia	19 (5.86%)	117 (1.18%)
Cancer	54 (16.7%)	1625 (16.4%)
Infection	37 (11.4%)	688 (6.95%)
Pregnancy	-	93 (0.94%)
Others	59 (18.2%)	547 (5.53%)
No affected organ	7 (2.16%)	466 (4.71%)
Comorbidities (n)*:		
Diabetes I/II	121 (37.3%)	2238 (22.6%)
Stroke	41 (12.7%)	642 (6.49%)
COPD	31 (9.57%)	686 (6.93%)
Myocardial infarction	15 (4.63%)	363 (3.67%)
Cardiac insufficiency	75 (23.1%)	1262 (12.8%)
Others	154 (47.5%)	3763 (38.0%)
No comorbidity	50 (15.4%)	3551 (35.9%)

Results in percent referring to the total number of patients

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

	497 units, 9897 patients	
	YOUR RESULTS	REFERENCE ND-13
Weight loss within the last 3 months (n):		
Total of patients answering	243 (97.2%)	8418 (97.3%)
Yes	117 (46.8%)	3772 (43.6%)
No	76 (30.4%)	3288 (38.0%)
No, I've gained weight	19 (7.60%)	718 (8.29%)
I don't know	31 (12.4%)	640 (7.39%)
Category of weight decrease (n):		
Patients reporting weight loss	117 (46.8%)	3772 (43.6%)
0-4 kg	62 (24.8%)	1679 (19.4%)
5-8 kg	19 (7.60%)	678 (7.83%)
> 8 kg	10 (4.00%)	970 (11.2%)
Not sure	17 (6.80%)	412 (4.76%)
Missing	9 (3.60%)	33 (0.38%)
"How well have you eaten during the last week?"(n):		
Normal	96 (38.4%)	4084 (47.2%)
A bit less than normal	64 (25.6%)	1957 (22.6%)
Less than half of normal	43 (17.2%)	1256 (14.5%)
Less than a quarter to nearly nothing	40 (16.0%)	1074 (12.4%)
Missing	7 (2.80%)	285 (3.29%)
"I ate less because"(n)*:		
Total of patients answering	145 (58.0%)	4299 (49.7%)
Loss of appetite	84 (33.6%)	2344 (27.1%)
Problems with swallowing, mastication	17 (6.80%)	448 (5.18%)
Nausea	24 (9.60%)	748 (8.64%)
Other reasons	39 (15.6%)	1574 (18.2%)
"Can you walk without assistance?"(n):		
Yes	123 (49.2%)	5059 (58.4%)
No, only with assistance	93 (37.2%)	2373 (27.4%)
No, I stay in bed	26 (10.4%)	968 (11.2%)
Missing	8 (3.20%)	256 (2.96%)
"In general would you say your health is" (n):		
Excellent	10 (4.00%)	283 (3.27%)
Very good	12 (4.80%)	728 (8.41%)
Good	53 (21.2%)	2708 (31.3%)
Fair	77 (30.8%)	2932 (33.9%)
Poor	90 (36.0%)	1685 (19.5%)
Missing	8 (3.20%)	320 (3.70%)
Results in percent referring to the total number of patients answering		

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

497 units, 9897 patients		
	YOUR RESULTS	REFERENCE ND-13
Hospital food intake:		
„Is your appetite normal?“ (n):		
Yes	117 (46.8%)	4927 (56.9%)
No	115 (46.0%)	2875 (33.2%)
- I was not hungry	55 (47.8%)	1429 (49.7%)
- Problems with swallowing / mastication	9 (7.83%)	238 (8.28%)
- Nausea	22 (19.1%)	546 (19.0%)
- Others	27 (23.5%)	658 (22.9%)
no answer	11 (4.40%)	573 (6.62%)
Fluid and supplement intake (n):		
Patients with fluid intake	185 (76.1%)	6289 (75.1%)
Drinks per patient & day (l)	0.59	0.39
Patients with supplements	19 (7.82%)	982 (11.7%)
Supplements per patient & day (l)	0.05	0.03
„What kind of drinks did you consume?“ (n)*:		
Water	205 (84.4%)	5783 (69.1%)
Milk	13 (5.35%)	1754 (20.9%)
Fruit juice	30 (12.3%)	1975 (23.6%)
Tea, coffee	113 (46.5%)	3262 (38.9%)
Soft drinks	40 (16.5%)	872 (10.4%)
Lunch intake (n):		
 All	52 (21.4%)	3380 (40.4%)
 1/2	67 (27.6%)	2315 (27.6%)
 1/4	77 (31.7%)	1405 (16.8%)
 Nothing	42 (17.3%)	1133 (13.5%)
? No answer	5 (2.06%)	142 (1.70%)
„I did not eat everything because“ (n)*:		
I was not hungry	73 (38.2%)	1554 (31.1%)
I had nausea / vomiting	19 (9.95%)	474 (9.49%)
I was not allowed to eat	6 (3.14%)	473 (9.47%)
I can not eat without help	2 (1.05%)	68 (1.36%)
I had an examination / surgery	6 (3.14%)	292 (5.85%)
I ordered a smaller portion	3 (1.57%)	106 (2.12%)
I was tired	6 (3.14%)	313 (6.27%)
I normally eat less	7 (3.66%)	379 (7.59%)
I did not like the smell	13 (6.81%)	188 (3.76%)
I did not like the taste	45 (23.6%)	664 (13.3%)

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

Yes	113 (45.2%)	2709 (31.3%)
No	118 (47.2%)	5149 (59.5%)
No answer	12 (4.80%)	517 (5.97%)

„What do you eat?“ (n)*:

Cakes, biscuits	27 (23.9%)	837 (30.9%)
Fresh fruits	30 (26.5%)	959 (35.4%)
Sandwiches	21 (18.6%)	309 (11.4%)
Dairy products	14 (12.4%)	416 (15.4%)
Preferred dish	23 (20.4%)	312 (11.5%)
Sweets	11 (9.73%)	485 (17.9%)
Fruit Juice	10 (8.85%)	334 (12.3%)
Others	24 (21.2%)	470 (17.3%)

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

Yes	165 (66.0%)	6038 (69.8%)
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Results referring to the total number of completed questionnaires