nutritionDay November 2013 in FRANCE

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:	6
Number of patients on nutritionDay:	115
Number of patients completing Sheet 3a:	95
Number of patients completing Sheet 3b:	88

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	20 ± 3	27 ± 15
Maximum	23 ± 6	32 ± 16
Number of patients on the nutritionDay (n):		
Total	115	9897
Did not give consent	4 (3.48%)	873 (8.82%)
Needed help completing form	34 (29.6%)	5232 (52.9%)
Terminally ill	5 (4.35%)	707 (7.14%)
Specialities (n):		
Internal medicine / general	-	125 (25.2%)
Internal medicine / gastroenterology and hepatology	2 (33.3%)	33 (6.64%)
Internal medicine / oncology (incl. radiotherapy)	1 (16.7%)	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	-	15 (3.02%)
Psychiatry	-	8 (1.61%)
Ear Nose Throat (ENT)	-	5 (1.01%)
General surgery	2 (33.3%)	56 (11.3%)
Cardiothoracic surgery	-	4 (0.80%)
Orthopedic surgery	-	29 (5.84%)
Trauma	-	7 (1.41%)
Neurosurgery	-	6 (1.21%)
Gynecology	-	5 (1.01%)
Long-term-care	-	6 (1.21%)
Others	1 (16.7%)	53 (10.7%)
Staff /Staff per patient (n):		
Physicians	2.17 ± 1.60	7.20 ± 8.91
Physicians per patient	0.10 ± 0.08	0.25 ± 0.32
Consultants	0.83 ± 0.98	2.71 ± 5.30
Consultants per patient	0.04 ± 0.05	0.09 ± 0.18
Registrars	1.67 ± 0.52	2.12 ± 4.43
Registrars per patient	0.08 ± 0.03	0.07 ± 0.13
Nurses	3.50 ± 1.64	8.34 ± 8.65
Nurses per patient	0.16 ± 0.09	0.27 ± 0.25
Nursing aides	3.83 ± 0.75	3.08 ± 3.31

Nursing aides per patient	0.17 ± 0.04	0.10 ± 0.10
Dieticians and dietetic assistants	0.83 ± 0.41	1.27 ± 1.20
Dieticians and dietetic assistants per pat.	0.04 ± 0.02	0.05 ± 0.05

Nutrition Care:

Nutrition Team	5 units (83%) Yes	390 units (78%) Yes
Written procedures		
- individual	6 units (100%) Yes	316 units (64%) Yes
- local	3 units (50%) Yes	221 units (44%) Yes
- national	- units (00%) Yes	225 units (45%) Yes
- other	- units (00%) Yes	83 units (17%) Yes

Patients' weight assessed:

On admission	6 units (100%) Yes	396 units (80%) Yes
When requested	1 units (17%) Yes	282 units (57%) Yes
Once a week	4 units (67%) Yes	203 units (41%) Yes
Occasionally	- units (00%) 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	115	9897
Patients who completed sheet 3a	95 (82.6%)	8656 (87.5%)
Patients who completed sheet 3b	88 (76.5%)	8375 (84.6%)
Demographic data:		
Age (years)	65 [22-92]	67 [2-109]
Female gender	54 (47.0%)	4907 (49.6%)
Weight (kg)	69.9 ± 21.3	71.7 ± 20.6
Height (cm)	166.2 ± 12.5	165.2 ± 11.7
BMI (kg/m^2)	25.0 ± 6.8	26.1 ± 6.5
ICU-stay:		
Any ICU-stay	21 (18.3%)	996 (10.1%)
Surgery (n):		
Preoperative patients	25 (21.7%)	799 (8.07%)
Postoperative patients	53 (46.1%)	2361 (23.9%)
Length of stay in Hospital (days):	14 [1-55]	12 [1-358]
Outcome after 30 days (n):		
Still in hospital	14 (12.2%)	1017 (10.3%)
Transferred to another hospital	6 (5.22%)	230 (2.32%)
Transferred to long-term care	10 (8.70%)	598 (6.04%)
Rehabilitation	-	377 (3.81%)
Discharge home	75 (65.2%)	6785 (68.6%)
Death	3 (2.61%)	390 (3.94%)
Others	-	110 (1.11%)
Missing	7 (6.09%)	390 (3.94%)
Readmitted (n):	11 (9.57%)	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	14 (12.2%)	729 (7.37%)
Parenteral nutrition	14 (12.2%)	276 (2.79%)
Enteral + parenteral nutrition	1 (0.87%)	57 (0.58%)
Special diet	23 (20.0%)	2520 (25.5%)
Protein supplement	12 (10.4%)	1215 (12.3%)
Hospital food	68 (59.1%)	5906 (59.7%)
Others	10 (8.70%)	477 (4.82%)
Missing	12 (10.4%)	479 (4.84%)
Lines & tubes (n)*:		
None	37 (32.2%)	6115 (61.8%)
Centralvenous	29 (25.2%)	754 (7.62%)
Nasogastric tube	2 (1.74%)	230 (2.32%)
Any other (PEG, PEJ, ...)	47 (40.9%)	2798 (28.3%)
Affected organs (n)*:		
Brain, nerves	2 (1.74%)	1323 (13.4%)
Eye, ear	-	190 (1.92%)
Nose, throat	-	180 (1.82%)
Heart, circulation	8 (6.96%)	2052 (20.7%)
Lung	-	1428 (14.4%)
Liver	15 (13.0%)	446 (4.51%)
Gastrointestinal tract	63 (54.8%)	1768 (17.9%)
Kidney, urinary tract, female genital tract	6 (5.22%)	1472 (14.9%)
Endocrine system	1 (0.87%)	807 (8.15%)
Skeleton, bone, muscle	1 (0.87%)	1564 (15.8%)
Blood, bone marrow	2 (1.74%)	406 (4.10%)
Skin	-	400 (4.04%)
Ischaemia	-	117 (1.18%)
Cancer	35 (30.4%)	1625 (16.4%)
Infection	2 (1.74%)	688 (6.95%)
Pregnancy	1 (0.87%)	93 (0.94%)
Others	2 (1.74%)	547 (5.53%)
No affected organ	9 (7.83%)	466 (4.71%)
Comorbidities (n)*:		
Diabetes I/II	25 (21.7%)	2238 (22.6%)
Stroke	1 (0.87%)	642 (6.49%)
COPD	2 (1.74%)	686 (6.93%)
Myocardial infarction	5 (4.35%)	363 (3.67%)
Cardiac insufficiency	9 (7.83%)	1262 (12.8%)
Others	67 (58.3%)	3763 (38.0%)
No comorbidity	31 (27.0%)	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	88 (92.6%)	8418 (97.3%)
Yes	42 (44.2%)	3772 (43.6%)
No	30 (31.6%)	3288 (38.0%)
No, I've gained weight	14 (14.7%)	718 (8.29%)
I don't know	2 (2.11%)	640 (7.39%)
Category of weight decrease (n):		
Patients reporting weight loss	42 (44.2%)	3772 (43.6%)
0-4 kg	14 (14.7%)	1679 (19.4%)
5-8 kg	11 (11.6%)	678 (7.83%)
> 8 kg	14 (14.7%)	970 (11.2%)
Not sure	3 (3.16%)	412 (4.76%)
Missing	-	33 (0.38%)
"How well have you eaten during the last week?"(n):		
Normal	34 (35.8%)	4084 (47.2%)
A bit less than normal	17 (17.9%)	1957 (22.6%)
Less than half of normal	18 (18.9%)	1256 (14.5%)
Less than a quarter to nearly nothing	19 (20.0%)	1074 (12.4%)
Missing	7 (7.37%)	285 (3.29%)
"I ate less because"(n)*:		
Total of patients answering	49 (51.6%)	4299 (49.7%)
Loss of appetite	31 (32.6%)	2344 (27.1%)
Problems with swallowing, mastication	8 (8.42%)	448 (5.18%)
Nausea	11 (11.6%)	748 (8.64%)
Other reasons	14 (14.7%)	1574 (18.2%)
"Can you walk without assistance?"(n):		
Yes	67 (70.5%)	5059 (58.4%)
No, only with assistance	13 (13.7%)	2373 (27.4%)
No, I stay in bed	8 (8.42%)	968 (11.2%)
Missing	7 (7.37%)	256 (2.96%)
"In general would you say your health is"(n):		
Excellent	4 (4.21%)	283 (3.27%)
Very good	5 (5.26%)	728 (8.41%)
Good	26 (27.4%)	2708 (31.3%)
Fair	35 (36.8%)	2932 (33.9%)
Poor	16 (16.8%)	1685 (19.5%)
Missing	9 (9.47%)	320 (3.70%)

Results in percent referring to the total number of patients answering

	497 units, 9897 patients	
	YOUR RESULTS	REFERENCE ND-13

Hospital food intake:

„Is your appetite normal?" (n):

	YOUR RESULTS	REFERENCE ND-13
Yes	34 (35.8%)	4927 (56.9%)
No	32 (33.7%)	2875 (33.2%)
- I was not hungry	19 (59.4%)	1429 (49.7%)
- Problems with swallowing / mastication	2 (6.25%)	238 (8.28%)
- Nausea	6 (18.8%)	546 (19.0%)
- Others	9 (28.1%)	658 (22.9%)
no answer	22 (23.2%)	573 (6.62%)

Fluid and supplement intake (n):

	YOUR RESULTS	REFERENCE ND-13
Patients with fluid intake	52 (59.1%)	6289 (75.1%)
Drinks per patient & day (l)	0.30	0.39
Patients with supplements	11 (12.5%)	982 (11.7%)
Supplements per patient & day (l)	0.04	0.03

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

	YOUR RESULTS	REFERENCE ND-13
Water	71 (80.7%)	5783 (69.1%)
Milk	8 (9.09%)	1754 (20.9%)
Fruit juice	4 (4.55%)	1975 (23.6%)
Tea, coffee	33 (37.5%)	3262 (38.9%)
Soft drinks	3 (3.41%)	872 (10.4%)

Lunch intake (n):

	YOUR RESULTS	REFERENCE ND-13
All	23 (26.1%)	3380 (40.4%)
1/2	22 (25.0%)	2315 (27.6%)
1/4	24 (27.3%)	1405 (16.8%)
Nothing	16 (18.2%)	1133 (13.5%)
? No answer	3 (3.41%)	142 (1.70%)

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

	YOUR RESULTS	REFERENCE ND-13
I was not hungry	24 (36.9%)	1554 (31.1%)
I had nausea / vomiting	6 (9.23%)	474 (9.49%)
I was not allowed to eat	15 (23.1%)	473 (9.47%)
I can not eat without help	-	68 (1.36%)
I had an examination / surgery	3 (4.62%)	292 (5.85%)
I ordered a smaller portion	1 (1.54%)	106 (2.12%)
I was tired	3 (4.62%)	313 (6.27%)
I normally eat less	6 (9.23%)	379 (7.59%)
I did not like the smell	6 (9.23%)	188 (3.76%)
I did not like the taste	12 (18.5%)	664 (13.3%)

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

Yes	17 (17.9%)	2709 (31.3%)
No	47 (49.5%)	5149 (59.5%)
No answer	24 (25.3%)	517 (5.97%)

„What do you eat?" (n)*:

Cakes, biscuits	7 (41.2%)	837 (30.9%)
Fresh fruits	10 (58.8%)	959 (35.4%)
Sandwiches	-	309 (11.4%)
Dairy products	2 (11.8%)	416 (15.4%)
Preferred dish	1 (5.88%)	312 (11.5%)
Sweets	2 (11.8%)	485 (17.9%)
Fruit Juice	1 (5.88%)	334 (12.3%)
Others	2 (11.8%)	470 (17.3%)

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

Yes	50 (52.6%)	6038 (69.8%)

Results referring to the total number of completed questionnaires