



nutritionDay November 2011 in CHINA

Dear participant,

June 2012

Thank you for your participation in nutritionDay worldwide in November 2011 and for your effort. We can finally present you your preliminary country report of the following sample size:

Number of units on nutritionDay:	11
Number of patients on nutritionDay:	145
Number of patients completing Sheet 3a:	144
Number of patients completing Sheet 3b:	144

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 8th 2012. 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!

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Karin Schindler

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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 2011 = 20*

Fluid status (n):
dehydrated 4

Explanation: 4 of 20 patients participating are reported to be dehydrated on nutritionDay 2011.

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 2011 = 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"):

	678 units, 14207 patients	
	YOUR RESULTS	REFERENCE ND-11
Number of beds (n):		
Actual	102 ± 51	37 ± 50
Maximum	107 ± 50	38 ± 31
Number of patients on the nutritionDay (n):		
Total	145	14207
Did not give consent	-	1205 (8.48%)
Needed help completing form	71 (49.0%)	8324 (58.6%)
Terminally ill	8 (5.52%)	988 (6.95%)
Specialities (n):		
Internal medicine / general	2 (18.2%)	115 (17.0%)
Internal medicine / gastroenterology and hepatology	-	46 (6.78%)
Internal medicine / oncology (incl. radiotherapy)	1 (9.09%)	76 (11.2%)
Internal medicine / cardiology	-	38 (5.60%)
Internal medicine / infectious diseases	-	8 (1.18%)
Internal medicine / geriatrics	-	54 (7.96%)
Internal medicine / nephrology	1 (9.09%)	11 (1.62%)
Pediatrics	-	2 (0.29%)
Neurology	1 (9.09%)	26 (3.83%)
Psychiatry	-	4 (0.59%)
Ear Nose Throat (ENT)	1 (9.09%)	18 (2.65%)
General surgery	1 (9.09%)	111 (16.4%)
Cardiothoracic surgery	1 (9.09%)	17 (2.51%)
Orthopedic surgery	1 (9.09%)	39 (5.75%)
Trauma	-	7 (1.03%)
Neurosurgery	1 (9.09%)	11 (1.62%)
Gynecology	-	8 (1.18%)
Long-term-care	-	6 (0.88%)
Others	1 (9.09%)	81 (11.9%)
Staff /Staff per patient (n):		
Physicians	28.00 ± 17.87	6.98 ± 10.34
Physicians per patient	0.28 ± 0.20	0.21 ± 0.27
Consultants	0.00 ± 0.00	3.16 ± 6.27
Consultants per patient	0.00 ± 0.00	0.10 ± 0.21
Registrars	0.00 ± 0.00	2.59 ± 4.52
Registrars per patient	0.00 ± 0.00	0.08 ± 0.17
Nurses	34.55 ± 21.77	9.92 ± 15.04
Nurses per patient	0.32 ± 0.18	0.27 ± 0.22
Nursing aides	1.55 ± 3.01	2.78 ± 4.15

Nursing aides per patient	0.01 ± 0.03	0.08 ± 0.14
Dieticians and dietetic assistants	0.00 ± 0.00	1.20 ± 2.07
Dieticians and dietetic assistants per pat.	0.00 ± 0.00	0.06 ± 0.57

Nutrition Care:

Nutrition Team	11 units (100%) Yes	476 units (70%) Yes
Written procedures		
- individual	11 units (100%) Yes	421 units (62%) Yes
- local	- units (00%) Yes	261 units (38%) Yes
- national	- units (00%) Yes	234 units (35%) Yes
- other	- units (00%) Yes	105 units (15%) Yes

Patients' weight assessed:

On admission	11 units (100%) Yes	484 units (71%) Yes
When requested	4 units (36%) Yes	385 units (57%) Yes
Once a week	9 units (82%) Yes	249 units (37%) Yes
Occasionally	- units (00%) Yes	59 units (09%) Yes
Never	- units (00%) Yes	18 units (03%) Yes

II. YOUR PATIENTS ("Sheet 2"):

	678 units, 14207 patients	
	YOUR RESULTS	REFERENCE ND-11
Number of patients (n):		
Total	145	14207
Patients who completed sheet 3a	144 (99.3%)	12770 (89.9%)
Patients who completed sheet 3b	144 (99.3%)	12319 (86.7%)
Demographic data:		
Age (years)	47 [14-93]	67 [2-105]
Female gender	58 (40.0%)	6921 (48.7%)
Weight (kg)	62.5 ± 13.2	69.6 ± 21.0
Height (cm)	167.5 ± 8.3	165.2 ± 14.5
BMI (kg/m ²)	22.2 ± 4.5	25.4 ± 6.1
ICU-stay:		
Any ICU-stay	42 (29.0%)	1412 (9.94%)
Surgery (n):		
Preoperative patients	9 (6.21%)	1251 (8.81%)
Postoperative patients	32 (22.1%)	3671 (25.8%)
Length of stay in Hospital (days):	18 [4-124]	14 [1-1846]
Outcome after 30 days (n):		
Still in hospital	29 (20.0%)	1726 (12.1%)
Transferred to another hospital	2 (1.38%)	390 (2.75%)
Transferred to long-term care	1 (0.69%)	578 (4.07%)
Rehabilitation	14 (9.66%)	366 (2.58%)
Discharge home	90 (62.1%)	9755 (68.7%)
Death	2 (1.38%)	576 (4.05%)
Others	6 (4.14%)	204 (1.44%)
Missing	1 (0.69%)	612 (4.31%)
Readmitted (n):	29 (20.0%)	1497 (10.5%)

Results in percent referring to the total number of patients

II. YOUR PATIENTS ("Sheet 2"):

678 units, 14207 patients

	YOUR RESULTS	REFERENCE ND-11
Nutrition therapy (n)*:		
Enteral nutrition	33 (22.8%)	1136 (8.00%)
Parenteral nutrition	11 (7.59%)	640 (4.50%)
Enteral + parenteral nutrition	12 (8.28%)	140 (0.99%)
Special diet	7 (4.83%)	3640 (25.6%)
Protein supplement	18 (12.4%)	1363 (9.59%)
Hospital food	95 (65.5%)	8154 (57.4%)
Others	15 (10.3%)	778 (5.48%)
Missing	1 (0.69%)	587 (4.13%)
Lines & tubes (n)*:		
None	11 (7.59%)	9416 (66.3%)
Centralvenous	30 (20.7%)	1055 (7.43%)
Nasogastric tube	8 (5.52%)	326 (2.29%)
Any other (PEG, PEJ, ...)	96 (66.2%)	3410 (24.0%)
Affected organs (n)*:		
Brain, nerves	21 (14.5%)	1926 (13.6%)
Eye, ear	7 (4.83%)	304 (2.14%)
Nose, throat	8 (5.52%)	388 (2.73%)
Heart, circulation	15 (10.3%)	2647 (18.6%)
Lung	37 (25.5%)	1961 (13.8%)
Liver	16 (11.0%)	913 (6.43%)
Gastrointestinal tract	35 (24.1%)	3161 (22.2%)
Kidney, urinary tract, female genital tract	27 (18.6%)	1689 (11.9%)
Endocrine system	6 (4.14%)	1059 (7.45%)
Skeleton, bone, muscle	15 (10.3%)	2359 (16.6%)
Blood, bone marrow	7 (4.83%)	851 (5.99%)
Skin	19 (13.1%)	466 (3.28%)
Ischaemia	4 (2.76%)	180 (1.27%)
Cancer	20 (13.8%)	3064 (21.6%)
Infection	24 (16.6%)	1078 (7.59%)
Pregnancy	-	36 (0.25%)
Others	22 (15.2%)	1007 (7.09%)
No affected organ	12 (8.28%)	590 (4.15%)
Comorbidities (n)*:		
Diabetes I/II	14 (9.66%)	2566 (18.1%)
Stroke	12 (8.28%)	798 (5.62%)
COPD	7 (4.83%)	883 (6.22%)
Myocardial infarction	5 (3.45%)	591 (4.16%)
Cardiac insufficiency	8 (5.52%)	1735 (12.2%)
Others	59 (40.7%)	5325 (37.5%)
No comorbidity	64 (44.1%)	5505 (38.7%)

Results in percent referring to the total number of patients

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

678 units, 14207 patients

	YOUR RESULTS	REFERENCE ND-11
Weight loss within the last 3 months (n):		
Total of patients answering	143 (99.3%)	12269 (96.1%)
Yes	64 (44.4%)	5661 (44.3%)
No	55 (38.2%)	4638 (36.3%)
No, I've gained weight	18 (12.5%)	1067 (8.36%)
I don't know	6 (4.17%)	903 (7.07%)
Category of weight decrease (n):		
Patients reporting weight loss	64 (44.4%)	5661 (44.3%)
0-4 kg	40 (27.8%)	2538 (19.9%)
5-8 kg	7 (4.86%)	1045 (8.18%)
> 8 kg	11 (7.64%)	1423 (11.1%)
Not sure	4 (2.78%)	576 (4.51%)
Missing	2 (1.39%)	79 (0.62%)
"How well have you eaten during the last week?"(n):		
Normal	88 (61.1%)	6081 (47.6%)
A bit less than normal	17 (11.8%)	2575 (20.2%)
Less than half of normal	18 (12.5%)	1838 (14.4%)
Less than a quarter to nearly nothing	21 (14.6%)	1716 (13.4%)
Missing	-	560 (4.39%)
"I ate less because"(n)*:		
Total of patients answering	58 (40.3%)	6075 (47.6%)
Loss of appetite	20 (13.9%)	3243 (25.4%)
Problems with swallowing, mastication	4 (2.78%)	609 (4.77%)
Nausea	6 (4.17%)	1074 (8.41%)
Other reasons	30 (20.8%)	2325 (18.2%)
"Can you walk without assistance?"(n):		
Yes	95 (66.0%)	7570 (59.3%)
No, only with assistance	23 (16.0%)	3323 (26.0%)
No, I stay in bed	26 (18.1%)	1417 (11.1%)
Missing	-	460 (3.60%)
"In general would you say your health is" (n):		
Excellent	7 (4.86%)	341 (2.67%)
Good	10 (6.94%)	852 (6.67%)
Very good	41 (28.5%)	3898 (30.5%)
Fair	54 (37.5%)	4501 (35.2%)
Poor	31 (21.5%)	2543 (19.9%)
Missing	1 (0.69%)	635 (4.97%)
Results in percent referring to the total number of patients answering		

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

678 units, 14207 patients

YOUR RESULTS REFERENCE ND-11

Hospital food intake:

„Is your appetite normal?“ (n):

Yes	106 (73.6%)	7557 (59.2%)
No	27 (18.8%)	3941 (30.9%)
- I was not hungry	3 (11.1%)	1936 (49.1%)
- Problems with swallowing / mastication	3 (11.1%)	326 (8.27%)
- Nausea	6 (22.2%)	671 (17.0%)
- Others	12 (44.4%)	969 (24.6%)
no answer	11 (7.64%)	821 (6.43%)

Fluid and supplement intake (n):

Patients with fluid intake	94 (65.3%)	9318 (75.6%)
Drinks per patient & day (l)	0.26	0.55
Patients with supplements	67 (46.5%)	1147 (9.31%)
Supplements per patient & day (l)	0.10	0.04

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

Water	109 (75.7%)	7925 (64.3%)
Milk	54 (37.5%)	2062 (16.7%)
Fruit juice	8 (5.56%)	3006 (24.4%)
Tea, coffee	1 (0.69%)	4583 (37.2%)
Soft drinks	3 (2.08%)	746 (6.06%)

Lunch intake (n):

 All	66 (45.8%)	5174 (42.0%)
 1/2	38 (26.4%)	3053 (24.8%)
 1/4	16 (11.1%)	1890 (15.3%)
 Nothing	19 (13.2%)	1954 (15.9%)
? No answer	5 (3.47%)	248 (2.01%)

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

I was not hungry	1 (1.28%)	2066 (28.9%)
I had nausea / vomiting	1 (1.28%)	685 (9.59%)
I was not allowed to eat	20 (25.6%)	702 (9.83%)
I kann not eat without help	-	104 (1.46%)
I had an examination / surgery	1 (1.28%)	553 (7.74%)
I ordered a smaller portion	1 (1.28%)	136 (1.90%)
I was tired	-	434 (6.07%)
I normaly eat less	1 (1.28%)	584 (8.17%)
I did not like the smell	-	275 (3.85%)
I did not like the taste	-	945 (13.2%)

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

Yes	98 (68.1%)	4578 (35.8%)
No	41 (28.5%)	7056 (55.3%)
No answer	5 (3.47%)	685 (5.36%)

„What do you eat?“ (n)*:

Cakes, biscuits	15 (15.3%)	1312 (28.7%)
Fresh fruits	66 (67.3%)	1918 (41.9%)
Sandwiches	-	396 (8.65%)
Dairy products	13 (13.3%)	650 (14.2%)
Preferred dish	17 (17.3%)	522 (11.4%)
Sweets	3 (3.06%)	699 (15.3%)
Fruit Juice	5 (5.10%)	870 (19.0%)
Others	24 (24.5%)	901 (19.7%)

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

Yes	72 (50.0%)	8581 (67.2%)
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Results referring to the total number of completed questionnaires