



nutritionDay
IN EUROPE

Final unit report

nutritionDay 2009

*Outcome data < 90%!
Final report can be generated after
outcome data have been completed.*

Centre: 117 (IT)
Unit: 597
Main Speciality: Others

Dear participant,

July 2009

Thank you for your participation in nutritionDay in European hospitals 2009 and for your effort. We are now able to present you your final unit report of the following sample size:

Number of patients on nutritionDay:	23
Number of patients completing Sheet 3a:	23
Number of patients completing Sheet 3b:	23

Your unit report reference group is based on data of your main speciality (Others) from nutritionDay 2009.

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 January 2010. 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!

Michael Hiesmayr

Karin Schindler

Johanna Tripamer

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 2009 = 20*

Fluid status (n):
dehydrated 4

...

Explanation: 4 of 20 patients participating are reported to be dehydrated on nutritionDay 2009.

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 2009 = 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"):

Main patient group admitted: Others		(92 units, 1579 patients)	
	YOUR RESULTS	REFERENCE ND-09	
Number of beds (n):			
Actual	21	20 [4-65]	
Maximum	21	20 [7-60]	
Number of patients on the nutritionDay (n):			
Total	23	1579	
Did not give consent	-	182 (11.5%)	
Needed help completing form	-	617 (39.1%)	
Staff /Staff per patient (n):			
Physicians	2	3.86 ± 3.76	
Physicians per patient	0.10	0.19 ± 0.23	
Consultants	2	1.62 ± 2.14	
Consultants per patient	0.10	0.10 ± 0.17	
Registrars	-	2.12 ± 2.68	
Registrars per patient	-	0.09 ± 0.11	
Nurses	1	5.45 ± 4.25	
Nurses per patient	0.05	0.28 ± 0.34	
Nursing aides	2	1.87 ± 1.81	
Nursing aides per patient	0.10	0.08 ± 0.08	
Student nurses	-	1.18 ± 1.29	
Student nurses per patient	-	0.04 ± 0.05	
Dieticians and dietetic assistants	-	0.78 ± 0.73	
Dieticians and dietetic assistants per pat.	-	0.04 ± 0.04	
Nutrition Care:			
Nutrition Team	YES	65 units (71%) YES	
Written procedures			
- individual	YES	56 units (61%) YES	
- local	YES	42 units (46%) YES	
- national	YES	22 units (24%) YES	
Patients' weight assessed:			
On admission	NO	69 units (75%) YES	
When requested	YES	42 units (46%) YES	
Once a week	NO	33 units (36%) YES	
Occasionally	NO	8 units (09%) YES	
Never	NO	4 units (04%) YES	

II. YOUR PATIENTS ("Sheet 2"):

Main patient group admitted: Others		(92 units, 1579 patients)
	YOUR RESULTS	REFERENCE ND-09
Number of patients (n):		
Total	23	1579
Patients who completed sheet 3a	23 (100%)	1211 (76.7%)
Patients who completed sheet 3b	23 (100%)	1177 (74.5%)
Demographic data:		
Age (years)	75 [56-89]	65 [10-105]
Female gender	10 (43.5%)	772 (48.9%)
Weight (kg)	75.3 ± 17.9	73.1 ± 18.7
Height (cm)	160.1 ± 9.8	167.0 ± 9.8
BMI (kg/m ²)	29.4 ± 6.5	26.2 ± 6.3
Fluid status (n):		
Normal	13 (56.5%)	1096 (69.4%)
Dehydrated	4 (17.4%)	99 (6.27%)
Fluid overload	6 (26.1%)	150 (9.50%)
Missing	-	234 (14.8%)
ICU-stay:		
Any ICU-stay	19 (82.6%)	241 (15.3%)
Surgery (n):		
Preoperative patients	2 (8.70%)	137 (8.68%)
Postoperative patients	16 (69.6%)	458 (29.0%)
Length of stay (days):		
Hospital	38 [19-252]	13 [2-304]
Unit	27 [8-243]	12 [2-243]
Outcome after 30 days (n):		
Still in hospital	5 (21.7%)	85 (5.38%)
Transferred to another hospital	2 (8.70%)	36 (2.28%)
Transferred to long-term care	-	19 (1.20%)
Rehabilitation	-	24 (1.52%)
Discharge home	13 (56.5%)	976 (61.8%)
Death	-	33 (2.09%)
Others	-	26 (1.65%)
Missing	3 (13.0%)	380 (24.1%)
Readmitted (n):	3 (13.0%)	95 (6.02%)

Results in percent referring to the total number of patients

II. YOUR PATIENTS ("Sheet 2"):

Main patient group admitted: Others		(92 units, 1579 patients)
	YOUR RESULTS	REFERENCE ND-09
Nutrition therapy (n)*:		
Enteral nutrition	-	158 (10.0%)
Parenteral nutrition	-	53 (3.36%)
Enteral + parenteral nutrition	-	42 (2.66%)
Special diet	4 (17.4%)	168 (10.6%)
Protein supplement	-	89 (5.64%)
Hospital food	19 (82.6%)	1011 (64.0%)
Others	-	115 (7.28%)
Missing	-	173 (11.0%)
Lines & tubes (n)*:		
None	18 (78.3%)	1190 (75.4%)
One line	5 (21.7%)	338 (21.4%)
More than one	-	51 (3.23%)
Centralvenous	-	140 (8.87%)
Nasogastric tube	-	27 (1.71%)
Any other (PEG, PEJ, ...)	5 (21.7%)	265 (16.8%)
Affected organs (n)*:		
Brain, nerves	1 (4.35%)	148 (9.37%)
Eye, ear	1 (4.35%)	26 (1.65%)
Nose, throat	-	19 (1.20%)
Heart, circulation	22 (95.7%)	173 (11.0%)
Lung	7 (30.4%)	249 (15.8%)
Liver	2 (8.70%)	44 (2.79%)
Gastrointestinal tract	4 (17.4%)	185 (11.7%)
Kidney, urinary tract, female genital tract	4 (17.4%)	174 (11.0%)
Endocrine system	12 (52.2%)	118 (7.47%)
Skeleton, bone, muscle	4 (17.4%)	247 (15.6%)
Blood, bone marrow	1 (4.35%)	86 (5.45%)
Skin	-	52 (3.29%)
Ischaemia	13 (56.5%)	24 (1.52%)
Cancer	1 (4.35%)	223 (14.1%)
Infection	-	101 (6.40%)
Pregnancy	-	22 (1.39%)
Others	1 (4.35%)	59 (3.74%)
No affected organ	-	324 (20.5%)
Comorbidities (n)*:		
Diabetes I/II	10 (43.5%)	269 (17.0%)
Stroke	-	69 (4.37%)
COPD	7 (30.4%)	115 (7.28%)
Myocardial infarction	18 (78.3%)	57 (3.61%)
Cardiac insufficiency	9 (39.1%)	170 (10.8%)
Others	10 (43.5%)	542 (34.3%)
No comorbidity	-	671 (42.5%)

Results in percent referring to the total number of patients

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

Main patient group admitted: Others **(92 units, 1579 patients)**

YOUR RESULTS **REFERENCE ND-09**

Weight loss within the last 3 months (n):

Total of patients answering	20 (87.0%)	1165 (96.2%)
Yes	14 (60.9%)	459 (37.9%)
No	4 (17.4%)	464 (38.3%)
No, I've gained weight	-	152 (12.6%)
I don't know	2 (8.70%)	90 (7.43%)

Category of weight decrease (n):

Patients reporting weight loss	14 (60.9%)	459 (37.9%)
0-4 kg	9 (39.1%)	225 (18.6%)
5-8 kg	3 (13.0%)	92 (7.60%)
> 8 kg	2 (8.70%)	108 (8.92%)
Not sure	-	26 (2.15%)
Missing	-	8 (0.66%)

"How well have you eaten during the last week?"(n):

Normal	15 (65.2%)	636 (52.5%)
A bit less than normal	5 (21.7%)	280 (23.1%)
Less than half of normal	2 (8.70%)	149 (12.3%)
Less than a quarter to nearly nothing	1 (4.35%)	111 (9.17%)
Missing	-	35 (2.89%)

"I ate less because"(n)*:

Total of patients answering	7 (30.4%)	538 (44.4%)
Loss of appetite	4 (17.4%)	313 (25.8%)
Problems with swallowing, mastication	-	57 (4.71%)
Nausea	1 (4.35%)	61 (5.04%)
Other reasons	2 (8.70%)	194 (16.0%)

"Can you walk without assistance?"(n):

Yes	18 (78.3%)	816 (67.4%)
No, only with assistance	3 (13.0%)	238 (19.7%)
No, I stay in bed	2 (8.70%)	108 (8.92%)
Missing	-	49 (4.05%)

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

Yes	18 (78.3%)	704 (58.1%)
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Results in percent referring to the total number of patients answering

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

Main patient group admitted: Others **(92 units, 1579 patients)**

YOUR RESULTS REFERENCE ND-09

Fluid and supplement intake (n):

Patients with fluid intake	23 (100%)	982 (83.4%)
Drinks per patient & day (l)	1.13	0.83
Patients with supplements	1 (4.35%)	180 (15.3%)
Supplements per patient & day (l)	0.01	0.07

Results referring to the total number of completed questionnaires

Hospital food intake:

Your unit results (referring to the total number of completed questionnaires=23)					
n (%)	all	1/2	1/4	nothing	no answer
Breakfast	20 (87.0%)	2 (8.70%)	-	1 (4.35%)	-
Lunch	16 (69.6%)	6 (26.1%)	-	1 (4.35%)	-
Dinner	14 (60.9%)	7 (30.4%)	1 (4.35%)	-	1 (4.35%)

Reference results ND-09 (referring to the total number of completed questionnaires=1177)					
n (%)	all	1/2	1/4	nothing	no answer
Breakfast	615 (52.3%)	172 (14.6%)	76 (6.46%)	139 (11.8%)	175 (14.9%)
Lunch	549 (46.6%)	320 (27.2%)	126 (10.7%)	136 (11.6%)	46 (3.91%)
Dinner	500 (42.5%)	223 (18.9%)	104 (8.84%)	129 (11.0%)	221 (18.8%)

Your unit results (referring to the total number of completed questionnaires=23)			
n (%)	Snack 1	Snack 2	Snack 3
Cakes, sweets, biscuits	3 (13.0%)	2 (8.70%)	1 (4.35%)
Fresh fruits	2 (8.70%)	3 (13.0%)	1 (4.35%)
Sandwiches	-	-	-
Dairy products	-	-	-
Others	-	-	-
Nothing	18 (78.3%)	18 (78.3%)	22 (95.7%)
Missing	-	-	-

Reference results ND-09 (referring to the total number of completed questionnaires=1177)			
n (%)	Snack 1	Snack 2	Snack 3
Cakes, sweets, biscuits	102 (8.67%)	182 (15.5%)	119 (10.1%)
Fresh fruits	153 (13.0%)	156 (13.3%)	109 (9.26%)
Sandwiches	25 (2.12%)	50 (4.25%)	58 (4.93%)
Dairy products	89 (7.56%)	102 (8.67%)	93 (7.90%)
Others	28 (2.38%)	42 (3.57%)	39 (3.31%)
Nothing	410 (34.8%)	287 (24.4%)	329 (28.0%)
Missing	439 (37.3%)	469 (39.8%)	518 (44.0%)