Table S1. Statistical Analysis of demographic data of our responding NICUs
For comparison the Chi²-test with Yates correction was performed using Graphpad-prism. P-value and Chi²-value are displayed in the corresponding columns.

	Does a SOP exist?	**Is a risk stratification at admission to ICU implemented?**	**Are specific risk stratification scores used?**	**Are patients' caloric needs being determined?**	**Is indirect calorimetry being used?**	**Is the actual body weight being applied in non-obese patients?**	**Is a hypocaloric energy target set in the first 2-3 days?**	**Is an isocaloric energy target set in the following 4-7 days?**	**Is a protein intake target set?**	**Is the protein target during critical illness 1.0-1.2g/kgBw/day (DGEM) or ESPEN (1.3) in non-obese patients?**	**Is the protein target in obese patients either 1.5g (DGEM) or 1.3g (ESPEN)?**	**Is nutritional management in general evaluated?**	**Are patients' caloric needs evaluated?**
Acadamic Hospital (n1) vs. non-acadamic (n2)	n1=20/25 n2= 21/26 p= 0.77 Chi²= 0.08	n1=8/25 n2= 9/25 p= 0.99 Chi²= 0.01	n1= 5/25 n2= 5/25 p= 0.99 Chi²= 0.01	n1=19/25 n2= 17/23 p= 0.87 Chi²= 0.03	n1= 5/25 n2= 2/23 p= 0.48 Chi²= 0.49	n1= 10/18 n2= 7/14 p= 0.96 Chi²= 0.01	n1= 11/19 n2= 7/17 p= 0.50 Chi²= 0.45	n1= 11/19 n2= 9/17 p= 0.97 Chi²= 0.01	n1= 11/20 n2= 11/19 p= 0.88 Chi²= 0.02	n1= 7/20 n2= 8/19 p= 0.90 Chi²= 0.02	n1= 4/25 n2= 2/22 p= 0.79 Chi²= 0.07	n1= 14/24 n2= 10/21 p= 0.68 Chi²= 0.18	n1= 9/24 n2= 8/21 p= 0.79 Chi²= 0.07
Subspeciality: Neurology (n1) vs. Others (n2)	n1=30/39 n2= 10/11 p= 0.55 Chi²= 0.36	n1= 14/38 n2= 3/11 p= 0.82 Chi²= 0.05	n1= 8/38 n2= 2/11 p= 0.83 Chi²= 0.05	n1= 25/36 n2= 10/11 p= 0.30 Chi²= 1.07	n1= 5/36 n2= 2/11 p= 0.89 Chi²= 0.02	n1= 14/22 n2= 3/9 p=0.25 Chi²= 1.30	n1=12/25 n2= 6/10 p= 0.79 Chi²= 0.07	n1= 12/25 n2= 7/10 p= 0.42 Chi²= 0.65	n1= 17/31 n2= 4/7 p= 0.76 Chi²= 0.10	n1= 13/31 n2= 2/7 p= 0.82 Chi²= 0.05	n1= 6/36 n2= 0/11 p= 0.35 Chi²= 0.87	n1= 19/35 n2= 5/10 p= 0.90 Chi²= 0.01	n1= 14/35 n2= 3/10 p= 0.84 Chi²= 0.04
Leadership position Yes (n1) vs. No (n2)	n1=27/33 n2= 14/18 p= 0.98 Chi²=0.01	n1=13/32 n2= 4/18 p=0.31 Chi²= 1.02	n1= 7/32 n2= 3/18 p= 0.94 Chi²= 0.01	n1= 24/31 n2= 12/17 p= 0.86 Chi²= 0.03	n1= 5/31 n2= 2/17 p= 0.99 Chi²= 0.01	n1= 11/21 n2= 7/11 p= 0.81 Chi²= 0.06	n1= 13/24 n2= 5/12 p= 0.724 Chi²= 0.13	n1= 13/24 n2= 7/12 p= 0.91 Chi²= 0.01	n1= 12/24 n2= 10/15 p= 0.49 Chi²= 0.48	n1= 10/24 n2= 5/15 p= 0.86 Chi²= 0.03	n1= 4/31 n2= 2/16 p= 0.67 Chi²= 0.18	n1= 18/30 n2= 6/15 p= 0.34 Chi²= 0.90	n1= 14/30 n2= 3/15 p= 0.16 Chi²= 2.00
Annul number of patients > 450 (n1) vs. < 450 (n2)	n1= 12/13 n2= 20/28 p= 0.27 Chi²= 1.21	n1= 2/13 n2= 12/27 p=0.14 Chi²= 2.11	n1= 1/13 n2= 8/27 p= 0.25 Chi²= 1.33	n1= 10/13 n2= 19/25 p= 0.73 Chi²= 0.12	n1= 3/13 n2= 3/25 p= 0.67 Chi²= 0.18	n1= 4/9 n2= 11/17 p= 0.56 Chi²= 0.33	n1= 5/10 n2= 11/19 p= 0.99 Chi²= 0.01	n1= 7/10 n2= 10/17 p= 0.87 Chi²= 0.03	n1= 4/11 n2= 13/22 p= 0.39 Chi²= 0.74	n1= 3/11 n2= 9/22 p= 0.70 Chi²= 0.15	n1= 0/13 n2= 5/25 p= 0.29 Chi²= 1.10	n1= 8/13 n2= 13/23 p= 0.95 Chi²= 0.01	n1= 5/13 n2= 9/23 p= 0.75 Chi²= 0.10
Experience in intensive care medicine > 5y (n1) vs.< 5y (n2)	n1= 28/32 n2= 12/18 p= 0.16 Chi²= 1.96	n1= 11/31 n2= 6/18 p=0.87 Chi²= 0.03	n1= 5/31 n2= 5/18 p= 0.54 Chi²= 0.37	n1= 23/29 n2= 12/18 p= 0.53 Chi²= 0.39	n1= 6/29 n2= 1/18 p= 0.32 Chi²= 0.99	n1= 8/19 n2= 10/12 p= 0.06 Chi²= 3.58	n1= 10/23 n2= 8/12 p= 0.34 Chi²= 0.90	n1= 13/23 n2= 7/12 p= 0.80 Chi²= 0.07	n1= 17/26 n2= 4/12 p= 0.13 Chi²= 2.24	n1= 12/26 n2= 3/12 p= 0.38 Chi²= 0.78	n1= 2/29 n2= 4/18 p= 0.28 Chi²= 1.17	n1= 16/28 n2= 8/17 p= 0.73 Chi²= 0.12	n1= 13/28 n2= 4/17 p= 0.22 Chi²= 1.49
Neurology led ICU (n1) vs. Others (n2)	n1= 17/21 n2= 23/29 p= 0.83 Chi²= 0.05	n1= 7/21 n2= 11/29 p= 0.97 Chi²= 0.01	n1= 3/21 n2= 7/29 p= 0.62 Chi²= 0.25	n1= 15/20 n2= 21/28 p= 0.74 Chi²= 0.11	n1= 3/20 n2= 4/28 p= 0.73 Chi²= 0.12	n1= 9/15 n2= 9/21 p= 0.50 Chi²= 0.46	n1= 5/15 n2=13/21 p= 0.18 Chi²= 1.83	n1= 6/15 n2= 14/21 p= 0.21 Chi²= 1.56	n1= 8/17 n2= 14/22 p= 0.48 Chi²= 0.50	n1= 7/17 n2= 8/22 p= 0.98 Chi²= 0.01	n1= 2/20 n2= 4/28 p= 0.99 Chi²= 0.01	n1= 10/20 n2= 14/25 p= 0.92 Chi²= 0.01	n1= 9/20 n2= 8/25 p= 0.56 Chi²= 0.34
MTT (n1) vs. STT (n2)	n1= 15/19 n2= 26/31 p= 0.95 Chi²= 0.01	n1= 9/18 n2= 9/32 p= 0.12 Chi²= 2.39	n1= 5/18 n2= 5/32 p= 0.51 Chi²= 0.44	n1= 13/17 n2= 23/31 p= 0.86 Chi²= 0.03	n1= 4/17 n2= 3/31 p= 0.38 Chi²= 0.76	n1= 6/13 n2= 12/23 p= 0.99 Chi²= 0.01	n1= 7/13 n2= 11/23 p= 0.99 Chi²= 0.01	n1= 10/13 n2= 10/23 p= 0.11 Chi²= 2.53	n1= 6/13 n2= 16/26 p= 0.57 Chi²= 0.33	n1= 3/13 n2= 12/26 p= 0.23 Chi²= 1.44	n1= 1/17 n2= 5/31 p= 0.57 Chi²= 0.33	n1= 10/16 n2= 13/28 p= 0.48 Chi²= 0.51	n1= 8/16 n2= 9/28 p= 0.40 Chi²= 0.72