

ADDITIONAL FILE 2

Table 1
Extracted data

	Name, Year	Number of Patients	Age	Infection rate	Pneumonia rate	UTI rate	High (0) /low (1) income country	Study Design (prospective =0, retrospective=1)	Consecutive study (=1)	Domain	Gender	ICU study(=1)	Time of observation	Stroke severity	Dysphagia	Study aim (1 = study on infection)	Lowered consciousness	Disorders of urinary tract
1	Minnerup J	591	67,7	237	72	65	0	0	1	S	325	0	14	7	-	1	105	-
2	Pilar Grajales Cuesy, 2010 ¹	255	73,3	-	44	-	0	0	0	IS	102	0	-	-	43	1	143	-
3	Eriksson M, 2009 ²	24633	76	-	988	-	0	1	0	S	12350	0	17	-	-	0	4419	-
4	Den Hertog, 2009 ³	1400	69,9	-	33	10	0	0	0	S	784	0	-	6	0	0	-	-

5	Langdon, 2009 ⁴	330	71,1	115	51	52	0	0	0	IS	170	0	30	-	74	1	-	127
6	Levy DE, 2009 ⁵	500	69,9	170	23	86	0	0	0	S	246	0	90	11	-	0	-	-
7	Saposnik, 2008 ⁶	3631	72	-	240	-	0	0	1	IS	1895	0	30	-	418	0	483	-
8	Sorbello D., 2009 ⁷	71	74,7	-	11	14	0	0	0	S	38	0	90	-	-	0	-	-
9	Stott DJ, 2009 ⁸ Sellars C, 2007 ⁹	412	67,9	-	78	65	0	0	1	S	205	0	90	-	-	1	-	-
10	Vermeij, 2009 ¹⁰	521	70,5	78	39	23	0	0	1	IS	281	0	7	-	-	1	58	-
11	Gargano, 2008 ¹¹	2566	68,4	-	146	204	0	1	0	S	1185	0	-	-	-	0	-	-
12	Harms, 2008 ¹²	40	72,7	13	8	5	0	0	0	IS	29	0	11	-	27	1	-	-

13	Hong, 2008 ¹³	1254	66,5	-	151	86	0	0	1	IS	703	0	28	4	-	0	-	-
14	Horner, 2008 ¹⁴	13831	70,5	-	763	680	0	1	0	IS	7161	0	90	6	-	0	-	-
15	Huang, 2008 ¹⁵	66	67,6	-	6	2	1	0	1	IS	51	0	30	-	-	0		-
16	Indredavik, 2008 ¹⁶	489	77,2	-	55	78	0	0	1	S	233	0	7	-	-	0	104	-
17	Naidech, 2008 ¹⁷	56	63,9	-	9	-	0	0	1	HS	29	1	8	-	-	0	43	-
18	Navarro JC, 2008 ¹⁸	1153	62	-	95	50	1	0	1	S	666	0	14	-	-	0		49
19	Reid JM, 2008 ¹⁹	2725		-	141	353	0	1	1	S	1414	0	-	-	-	0	-	-

20	Schwarz, 2008 ²⁰	30	73	27	7	18	0	0	0	IS	30	0	10	15	-	1	-	-
21	Sposato, 2008 ²¹	1991	69,4	-	285	-	0	0	1	IS	1100	0	8	-	-	0	-	-
22	Yan, 2008 ²²	137	71	67	63	19	1	1	1	S	84	1	5	-	62	0	80	-
23	Lee M, 2007 ²³	947	69,6	-	104	119	1	0	1	IS	502	0	18	-	-	0	129	-
24	Ros, 2007 ²⁴	258	74,9	102	24	38	0	0	1	S	126	0	11	13	114	1	-	-
25	Roth, 2007	2457	63,4	-	379	498	0	1	1	S	1214	0	17	9	-	0	-	-
26	Shuaib, 2007 ²⁵	3195	68,9	-	193	325	0	0	0	IS	1768	0	90	13	NR	0	-	-

27	Sundar U, 2007 ²⁶	184	-	-	29	8	1	0	1	IS	-	0	14	-	43	0	-	-
28	Walter U, 2007 ²⁷	236	69,8	-	51	-	0	0	0	IS	124	1	5	-	69	1	65	-
29	Yilmaz, 2007 ²⁸	171	66	71	44	70	0	0	0	S	90	1	11	-	-	1	-	-
30	Chiu, 2006 ²⁹	46	79	-	7	18	1	0	1	IS	14	0	17	19	-	0	-	-
31	Dziedzic, 2006 ³⁰	833	69,0	-	89	-	0	1	1	IS	389	0	30	-	-	0	-	-
32	Dziedzic, 2006 ³¹	705	69,7	-	74	-	0	1	1	IS	320	0	12	-	-	1	-	-
33	Gosney, 2006 ³²	100	-	-	7	-	0	0	0	S	106	0	21	-	33	1	-	-

34	Hassan A, 2006 ³³	443	58	-	102	-	1	1	0	S	-	0	4	-	-	1	-	-
35	Kwan J, 2007 ³⁴	439	74	73	45	30	0	0	1	S	215	0	5	0	149	1	118	183
36	Kwon HM, 2006 ³⁵	286	62,8	-	47	-	0	0	1	S	192	0	30	13	96	1	-	-
37	Langdon PC, 2006 ³⁶	88	74,6	25	16	10	0	0	0	IS	43	0	30	-	58	0	36	-
38	Maramattom, 2006	144	71,3	-	28	-	0	0	1	HS	89	0	6	-	-	0	69	-
39	Matz, 2006 ³⁹	238	71,8	-	33	17	0	0	1	S	109	0	10	5	-	0	-	-
40	Ovbiagele B, 2006 ³⁷	663		-	66	84	0	1	0	IS	297	0	-	-	-	1	-	-

41	Vargas, 2006 ³⁸	229	72,6	60	33	13	0	0	1	S	117	0	7	-	-	1	-	-
42	Secades, 2006 ³⁹	38	70,8	-	-	1	0	0	0	HS	19	0	90	12	-	0	-	-
43	Garbusinski, 2005 ⁴⁰	148	-	-	27	-	1	0	1	S	73	0		16	90	0	68	-
44	Hanchaiphiboolkul	332	62	22	12	13	1	1	0	IS	209	0	3	-	-	0	31	-
45	Hinchey, 2005 ⁴¹	2532	70,5	-	114	-	0	0	0	IS	1262	0	6	-		1	-	-
46	Misra, 2005 ⁴²	141	57,2	-	12	-	1	0	0	HS	101	0	30	-	-	0	-	-
47	Heuschman, 2004 ⁴³	10800	70	-	648	-	0	1	1	IS	5751	0	11	-	-	0	-	-

48	Field, 2004 ⁴⁴	11642	-	-	541	-	0	1	0	S	5856	0	-	-	-	0	-	-
49	Kwan, 2004 ⁴⁵	351	74,5	-	37	25	0	-	1	S	173	0	5	-	149	0	-	-
50	Lees, 2004 ⁴⁶	2386	70,3	-	19	-	0	0	0	IS	1277	0	2	-	-	0	-	-
51	Steger, 2004 ⁴⁷	992	76,2	-	135	142	0	0	1	S	425	0	-	-	-	0	-	-
52	Upadya A, 2004 ⁴⁸	55	69,6	-	26	-	0	1	0	S	31	1	16	17	-	1	-	-
53	Aslanyan S, 2003 ⁴⁹	1455	70	-	159	146	0	0	0	IS	815	0	7	13	-	1	-	-
54	Broadley, 2003 ⁵⁰	149	70	-	7	-	0	0	1	S	88	0	-	-	74	0	18	44

55	FOOD-collaboration, 2003 ⁵¹	3012	73,3	-	367	-	0	0	0	S	1520	0	40	-	732	0	-	-
56	Hamidon BB, 2003 ⁵²	163	62,2	26	20	6	0	0	0	IS	105	0	3	-	-	1	-	-
57	Hilker, 2003 ⁵³	124	63,8	-	26	-	0	0	1	S	82	1	8	-	36	1	-	-
58	Katzan IL, 2003 ⁵⁴	11286	76,8	-	635	-	0	1	0	S	7888	0		-	-	1	1696	-
59	Lang, 2003 ⁵⁵	2030		-	73	40	0	1	0	IS	-	0	5	-	-	0	-	-
60	Martinsson, 2003 ⁵⁶	45	67,3	-	6	3	0	0	0	IS	26	0	90	-	-	0	7	-
61	Pittock SJ, 2003 ⁵⁷	117	69,9	-	11	4	0	0	1	IS	68	0	14	-	33	0	-	29

62	Spratt, 2002 ⁵⁸	257	73	51	26	33	0	0	1	IS	127	0	21	-	-	0	43	-
63	Weimar, 2002 ⁵⁹	3866	66,6	-	286	244	0	0	70	IS	2241	0	7	8	-	0	766	-
64	Evans, 2001 ⁶⁰	304	76	-	58	-	0	0	0	S	155	0	90	-	-	0	-	-
65	Kammersgaard LP, 2001 ⁶¹	1156	74,2	225	82	143	0	0	1	S	531	0	3	-	-	1	-	-
66	Koennecke, 2001 ⁶²	42	70,3	-	2	2	0	0	1	IS	22	1	10	-	-	0	-	-
67	Enlimomab Stroke Trial, 2001 ⁶³	625	68,9	-	12	-	0	0	0	IS	344	0	5	15	-	0	-	-
68	Schwab, 2001 ⁶⁴	50	57	-	24	-	0	0	1	IS	35	1	-	25	-	0	-	-

69	Georgilis K, 1999 ⁶⁵	330	72,8	75	33	38	0	1	0	S	184	0	-	-	-	0	-	-
70	Grau AJ, 1999 ⁶⁶	119	61	17	10	2	0	0	1	IS	79	0	2	-	-	1	-	-
71	Tirschwell DL, 1999 ⁶⁷	4757	75	-	338	442	0	1	0	IS	2041	0	8	-	266	0	-	-
72	Hacke, 1998 ⁶⁸	37	68,5	-	3	-	0	0	0	IS	21	0	28	-	-	0	-	-
73	Hinds, 1998 ⁶⁹	115	74,9	-	27	-	0	0	1	S	51	0	13	-	62	0	22	-
74	Johnston, 1998 ⁷⁰	279	69	-	27	30	0	0	0	IS	159	0	90	-	15	0	-	14
75	Newell, 1995 ⁷¹	356	-	-	23	-	0	1	0	IS	-	0	10	-	-	0	-	-

76	Newell, 1997	399	-	-	11	-	0	1	0	IS	-	0	7	-	-	0	-	-
77	Nilsson, 1998 ⁷²	100	75,4	-	5	-	0	0	1	S	36	0	-	-	14	0	-	-
78	Pinto, 1998 ⁷³	213	59,2	-	21	37	0	0	1	S	113	0	10	-	-	0	14	-
79	Sala, 1998	187	73,3	-	13	-	0	0	1	S	95	0	10	-	135	0	55	-
80	Schneider, 1998 ⁷⁵	32	63	-	10	-	0	0	0	S	14	0		-	-	0	-	-
81	Grotta J, 1997 ⁷⁶	721	70,5	-	59	95	0	0	0	IS	-	0	7	15	-	0	-	-
82	Davenport, 1996 ⁷⁷	607	73	-	70	98	0	1	1	S	279	0	37	-	-	0	-	-

83	Kidd, 1995 ⁷⁸	60	72	-	19	-	0	0	1	S	25	0	14	-	25	1	-	-
84	Webb, 1995 ⁷⁹	383	-	-	12	64	0	1	0	S	-	0	10	-	-	0	-	-
85	Webb	303	-	-	5	35	0	1	0	S	-	0	8	-	-	0	-	-
86	Oddersson, ⁸⁰	211	74,1	-	11	24	0	0	0	IS	-	0	8	-	-	0	-	-
87	Spitzer, 1988 ⁸¹	63	50,1	-	20	12	0	1	1	HS	31	0	-	-	-	0	-	-
88	Gordon, 1987 ⁸²	91	-	-	11	-	0	0	1	S	38	0		-	41	0	55	-
89	Przelomski, 1986 ⁸³	104	71,8	-	13	2	0	0	1	S	55	0	5	-	-	0	-	-

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