

Anemia and red blood cell transfusion practice in prolonged mechanically ventilated patients admitted to a specialized weaning center: an observational study.

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Additional file 2

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1. Table S1: Comparison of number and percentage of different isolated pathogens according to the type of nosocomial infection

Pathogen	Group	VAP	TB	UTI	Gastroenteritis	Decubitus infection	CR-BSI	Other
P. aeruginosa	T	6 (30.0)	12 (36.4)	6 (16.7)	-	2 (40.0)	-	3 (12.5)
	NT	-	7 (28.0)	11 (31.4)	-	-	-	-
E. faecium	T	-	-	1 (2.8)	-	2 (40.0)	2 (13.3)	5 (20.8)
	NT	-	-	4 (11.4)	-	-	-	1 (100.0)
E. faecalis	T	-	-	2 (5.6)	-	-	2 (13.3)	2 (8.3)
	NT	-	-	3 (8.6)	-	1 (25.0)	2 (22.2)	-
S. epidermidis	T	-	-	-	-	-	8 (53.3)	1 (4.2)
	NT	-	-	-	-	-	1 (11.1)	-
S. aureus	T	4 (20.0)	6 (18.2)	1 (2.8)	-	-	1 (6.7)	2 (8.3)
	NT	1 (50.0)	6 (24.0)	1 (2.9)	-	-	3 (33.3)	-
E. coli	T	-	6 (18.2)	8 (22.2)	-	-	-	2 (8.3)
	NT	-	3 (12.0)	7 (20.0)	-	-	-	-
Enterobacter spp.	T	1 (5.0)	-	2 (5.6)	-	1 (20.0)	-	3 (12.5)
	NT	1 (50.0)	2 (8.0)	1 (2.9)	-	1 (25.0)	-	-
K. pneumoniae	T	1 (5.0)	4 (12.1)	3 (8.3)	-	-	-	1 (4.2)
	NT	-	3 (12.0)	4 (11.4)	-	-	-	-
K. oxytoca	T	1 (5.0)	-	1 (2.8)	-	-	-	-
	NT	-	-	1 (2.9)	-	1 (25.0)	1 (11.1)	-
S. marcescens	T	2 (10.0)	-	4 (11.1)	-	-	-	-
	NT	-	1 (4.0)	-	-	-	-	-
C. freundii	T	-	-	1 (2.8)	-	-	-	-
	NT	-	-	-	-	-	-	-
P. mirabilis	T	-	-	1 (2.8)	-	-	-	-
	NT	-	2 (8.0)	3 (8.6)	-	1 (25.0)	-	-
A. baumannii	T	2 (10.0)	1 (3.0)	-	-	-	-	-
	NT	-	1 (4.0)	-	-	-	-	-
S. maltophilia	T	2 (10.0)	4 (12.1)	-	-	-	-	-
	NT	-	-	-	-	-	-	-
Candida spp.	T	-	-	3 (8.3)	-	-	1 (6.7)	-
	NT	-	-	-	-	-	1 (11.1)	-
C. difficile	T	-	-	-	17 (85.0)	-	-	-
	NT	-	-	-	12 (100.0)	-	-	-
Norovirus	T	-	-	-	3 (15.0)	-	-	-
	NT	-	-	-	-	-	-	-
Others	T	1 (5.0)	-	3 (8.3)	-	-	1 (6.7)	5 (20.8)
	NT	-	-	-	-	-	1 (11.1)	-
No pathogen detected	T	8	-	2	-	-	-	3
	NT	-	1	1	-	-	-	-
Summary	T	20 (100)	33 (100)	36 (100)	20 (100)	5 (100)	15 (100)	24 (100)
	NT	2 (100)	25 (100)	35 (100)	12 (100)	4 (100)	9 (100)	1 (100)

Legend

Results are presented as number or number (%).

Abbreviations: T, transfused group; NT, non transfused group; VAP, Ventilator-associated pneumonia; TB, Tracheobronchitis; UTI, Urinary tract infection; CR-BSI, Catheter-related blood stream infection; P. aeruginosa, Pseudomonas aeruginosa; E. faecium, Enterococcus faecium; E. faecalis, Enterococcus faecalis; S. epidermidis, Staphylococcus epidermidis; S. aureus, Staphylococcus aureus; E. coli, Escherichia coli; spp., species; K. pneumoniae, Klebsiella pneumoniae; K. oxytoca, Klebsiella oxytoca; S. marcescens, Serratia marcescens, C. freundii, Citrobacter freundii; P. mirabilis, Proteus mirabilis; A. baumannii, Acinetobacter baumannii; S. maltophilia, Stenotrophomonas maltophilia; C. difficile, Clostridium difficile; NI, Nosocomial infection.

2. Table S2: Comparison of number of different isolated MDR pathogens according to the type of nosocomial infection

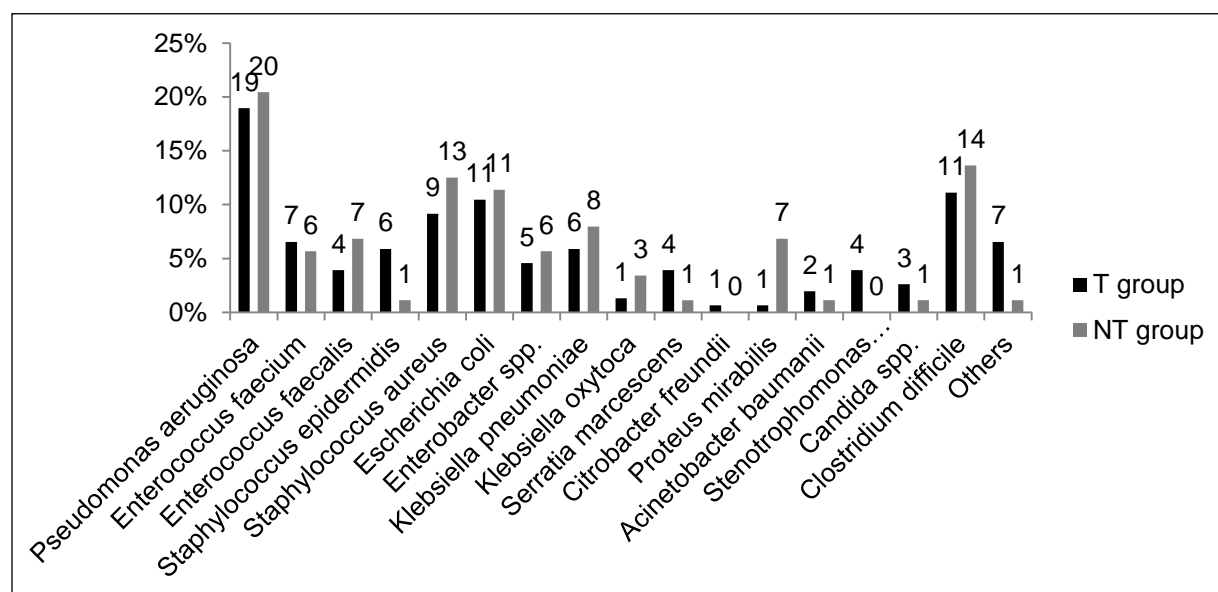
Pathogen	Group	Drug Resistance	VAP	TB	UTI	Decubitus infection	CR-BSI	Other	Summary
P. aeruginosa	T	3MRGN	2	1					3
		4MRGN	1		1	1		1	4
	NT	3MRGN		1	1				2
		4MRGN			2				2
S. epidermidis	T	MRSE					6		6
	NT	MRSE					1		1
S. aureus	T	MRSA	1	1					2
	NT	MRSA					1		1
E. coli	T	3MRGN						1	1
	NT	ESBL							
Enterobacter spp.	T	Amp-C		1	2	1		1	5
	NT	Amp-C			1	1			2
Summary	T		4	3	3	2	6	3	21
	NT		0	1	5	1	2	0	9

Legend

Results are presented as number.

Abbreviations: T, transfused group; NT, non transfused group; MDR, Multidrug resistant; VAP, Ventilator-associated pneumonia; TB, Tracheobronchitis; UTI, Urinary tract infection; CR-BSI, Catheter-related blood stream infection; 3MRGN, multiresistant gram negative bacteria non-susceptible to three specific groups of antibiotics; 4MRGN, multiresistant gram negative bacteria non-susceptible to four specific groups of antibiotics; Amp-C, ampC β-lactamases producing antimicrobial resistant bacteria; MRSA, methicillin-resistant staphylococcus aureus; ESBL, extended spectrum β-lactamases producing antimicrobial resistant bacteria; MRSE, methicillin-resistant staphylococcus epidermidis.

3. Figure S1: Percentage of different pathogens in patients with nosocomial infections



Legend

Abbreviations: spp., species; T group, transfused group; NT group, non-transfused group; Staphylococcus ..., Staphylococcus epidermidis; Stenotrophomonas ..., Stenotrophomonas maltophilia.