REVISTA ESPAÑOLA DE Quimioterapia

SOCIEDAD ESPAÑOLA DE QUIMIOTERAPIA

Supplementary Table 1. **Univariate analysis by Kpn-KPC rectal colonization status**

Variable	No rectal Kpn-KPC colonization (n=267)	Rectal Kpn-KPC colonization (n=228)	p
	Median [IQR]		
Age	68 [20.5]	65 [23.5]	0.1
Charlson comorbidity index	3 [2]	3 [3]	0.3
	n (%)		
Sex: male	163 (61)	124 (54.4)	0.2
Surgery admission ward	33 (12.4)	22 (9.6)	
Internal medicine admission ward	66 (24.7)	72 (31.6)	0.2
ICU admission ward	168 (62.9)	134 (58.8)	
Oncohematologic disease	3 (1.1)	0	0.6
Solid tumor	29 (10.9)	17 (7.5)	0.3
HIV infection	2 (0.7)	3 (1.3)	0.7
Solid organ transplantation	1 (0.4)	0	1
Hospitalization in previous 12 months	115 (43.1)	87 (38.2)	0.3
Referred from another hospital or nursing home	13 (4.9)	12 (5.3)	1
Previous corticosteroid therapy	5 (1.9)	4 (1.8)	1
Radiotherapy/Chemotherapy in past month	5 (1.9)	1 (0.4)	0.2
Neutropenia	7 (2.6)	0	0.1
Central venous catheter	228 (85.4)	204 (89.5)	0.2
Parenteral nutrition	1 (0.4)	5 (2.2)	0.1
Urinary catheter	208 (77.9)	188 (82.5)	0.2
Mechanical ventilation	138 (51.7)	148 (64.9)	<0.01
Hemodialysis during admission	12 (4.5)	11 (4.8)	1
Other abdominal surgery	37 (13.9)	33 (14.5)	0.9
Other non-abdominal surgery	52 (19.5)	43 (18.9)	1
	Kpn-KPC infection		
	n (%)		
Kpn-KPC bacteremia	9 (3.3)	7 (2.9)	1
Non-bacteremic Kpn-KPC infection	7 (3.1)	3 (1.4)	0.7
	Clinical outcome		
	n (%)		
Death	127 (47.6)	110 (48.2)	0.8

Kpn: *Klebsiella pneumoniae*; KPC: *Klebsiella pneumoniae* carbapenemase.

© 2026 The authors. This article is distributed under the terms of the **Creative Commons Attribution–NonCommercial 4.0 International license (CC BY-NC 4.0)**. Published with index on behalf of Sociedad Española de Quimioterapia.

Supplementary Table 2. Univariate analysis by Pst-NDM rectal colonization status

Variable	No rectal Pst-NDM colonization (n=321)	Rectal Pst-NDM colonization (n=174)	P
	Median [IQR]		
Age	65 [28]	68 [17]	<0.05
Charlson comorbidity index	3 [3]	3 [2]	0.1
	n (%)		
Sex: male	173 (53.9)	114 (65.5)	<0.05
Surgery admission ward	39 (12.1)	16 (9.2)	
Internal medicine admission ward	83 (25.9)	55 (31.6)	0.3
ICU admission ward	199 (62.0)	103 (59.2)	
Oncohematologic disease	3 (0.9)	0	1
Solid tumor	34 (10.6)	12 (6.9)	0.2
HIV infection	1 (0.3)	4 (2.3)	0.1
Solid organ transplantation	1 (0.3)	0	1
Hospitalization in previous 12 months	131 (40.8)	71 (40.8)	1
Referred from another hospital or nursing home	16 (5.0)	9 (5.2)	1
Previous corticosteroid therapy	6 (1.9)	3 (1.7)	1
Radiotherapy/Chemotherapy in past month	3 (0.9)	3 (1.7)	0.4
Neutropenia	0	7 (4.0)	<0.01
Central venous catheter	280 (87.2)	152 (87.4)	1
Parenteral nutrition	3 (0.9)	3 (1.7)	0.4
Urinary catheter	258 (80.4)	138 (79.3)	0.9
Mechanical ventilation	174 (54.2)	112 (64.4)	<0.05
Hemodialysis during admission	14 (4.4)	9 (5.2)	0.9
Other abdominal surgery	52 (16.2)	18 (10.3)	0.1
Other non-abdominal surgery	52 (16.2)	43 (24.7)	<0.05
	Pst-NDM infection		
	n (%)		
Pst-NDM bacteremia	6 (1.9)	6 (3.4)	0.4
Non-bacteremic Pst-NDM infection	1 (0.3)	2 (1.4)	0.2
	Clinical outcome		
	n (%)		
Death	142 (44.2)	95 (54.6)	<0.05

Pst: *Providencia stuartii*; NDM: New Delhi metallo-β-lactamase.

Supplementary Table 3. **Univariate analysis by Kpn-KPC extra-rectal colonization status**

Variable	No extra-rectal Kpn-KPC colonization (n=473)	Extra-rectal Kpn-KPC colonization (n=22)	p
	Median [IQR]		
Age	66 [21]	63.5 [36.8]	0.2
Charlson comorbidity index	3 [3]	2.5 [4]	0.1
	n (%)		
Sex: male	274 (57.9)	13 (59.1)	1
Surgery admission ward	53 (11.2)	2 (9.1)	
Internal medicine admission ward	130 (27.5)	8 (36.4)	0.6
ICU admission ward	290 (61.4)	12 (54.5)	
Oncohematologic disease	22 (4.7)	0	0.2
Solid tumor	43 (9.3)	0	0.7
HIV infection	22 (4.7)	0	0.2
Solid organ transplantation	1 (0.2)	0	0.1
Hospitalization in previous 12 months	283 (59.8)	10 (45.5)	0.3
Referred from another hospital or nursing home	23 (4.9)	2 (9.1)	0.3
Previous corticosteroid therapy	8 (1.7)	1 (4.5)	0.3
Radiotherapy/Chemotherapy in past month	6 (1.3)	0	0.3
Neutropenia	7 (1.5)	0	0.3
Central venous catheter	410 (86.7)	22 (100)	0.3
Parenteral nutrition	6 (1.3)	0	0.3
Urinary catheter	378 (80.1)	18 (81.8)	1
Mechanical ventilation	274 (57.9)	12 (54.5)	0.9
Hemodialysis during admission	22 (4.7)	1 (4.5)	1
Other abdominal surgery	67 (14.2)	3 (13.6)	1
Other non-abdominal surgery	88 (18.7)	7 (31.8)	0.2
	Kpn-KPC infection		
	n (%)		
Kpn-KPC bacteremia	14 (3.0)	2 (9.1)	0.2
Non-bacteremic Kpn-KPC infection	9 (1.9)	1 (4.5)	0.5
	Clinical outcome		
	n (%)		
Death	227 (48)	10 (45.5)	1

Kpn: *Klebsiella pneumoniae*; KPC: *Klebsiella pneumoniae* carbapenemase.

Supplementary Table 4. Univariate analysis by Pst-NDM extra-rectal colonization status

Variable	No extra-rectal Pst-NDM colonization (n=474)	Extra-rectal Pst-NDM colonization (n=21)	p
	Median [IQR]		
Age	66 [22]	70 [9]	0.3
Charlson comorbidity index	3 [3]	3 [1]	0.4
	n (%)		
Sex: male	275 (58.0)	12 (57.1)	1
Surgery admission ward	53 (11.2)	2 (9.1)	
Internal medicine admission ward	129 (27.2)	9 (42.9)	0.3
ICU admission ward	291 (61.4)	11 (52.4)	
Oncohematologic disease	21 (4.3)	0	0.2
Solid tumor	46 (9.7)	0	0.7
HIV infection	4 (0.8)	1 (4.8)	0.2
Solid organ transplantation	1 (0.2)	0	0.1
Hospitalization in previous 12 months	190 (40.1)	12 (57.1)	0.2
Referred from another hospital or nursing home	21 (4.4)	0	1
Previous corticosteroid therapy	21 (4.4)	0	0.4
Radiotherapy/Chemotherapy in past month	21 (4.4)	0	0.3
Neutropenia	4 (0.8)	3 (14.3)	<0.01
Central venous catheter	411 (86.7)	21 (100)	0.3
Parenteral nutrition	5 (1.1)	1 (4.8)	0.2
Urinary catheter	381 (80.4)	15 (71.4)	0.5
Mechanical ventilation	272 (57.4)	14 (66.7)	0.5
Hemodialysis during admission	23 (4.9)	0	1
Other abdominal surgery	65 (13.7)	5 (23.8)	0.3
Other non-abdominal surgery	86 (18.4)	7 (33.3)	0.2
	Pst-NDM infection		
	n (%)		
Pst-NDM bacteremia	11 (2.3)	1 (4.8)	0.4
Non-bacteremic Pst-NDM infection	6 (1.3)	1 (4.8)	0.3
	Clinical outcome		
	n (%)		
Death	222 (46.8)	15 (71.4)	<0.05

Pst: *Providencia stuartii*; NDM: New Delhi metallo-β-lactamase.