

**Supplemental Information: Frequency of *Clostridioides difficile* Infection (CDI) among Hospitalized Patients in Kerman City, Iran**

**Appendix 1.** Frequency of Patients with Diarrhea in Three Educational Hospitals in Kerman City Based on Gender <sup>a</sup>

Hospital	Gender		Total, No. (%)
	Male	Female	
<b>Bahonar</b>	105 (46.3)	92 (48.4)	197 (47.2)
<b>Afzalipour</b>	92 (40.5)	75 (39.5)	167 (40.0)
<b>Shafa</b>	30 (13.2)	23 (12.1)	53 (12.7)
<b>Total</b>	227 (100.0)	190 (100.0)	417 (100.0)

<sup>a</sup> Values are expressed as No. (%).

**Appendix 2.** Frequencies of Positive and Negative Isolates of *Clostridioides difficile* in Male and Female Patients

Gender	cdd-3					
	Positive			Negative		
	No.	F.C.P.G. (%)	F.C.P.G.T.C.P. (%)	No.	F.C.N.G. (%)	F.C.N.G.T.C.N. (%)
<b>Male</b>	51	22.5	75.0	176	77.5	50.4
<b>Female</b>	17	8.9	25.0	173	91.1	49.6

Abbreviations: FCPG, frequency of cdd-3 positive isolates in each gender; FCPGTCP, frequency of cdd-3 positive isolates of each gender among total cdd-3 positive isolates; FCNG, frequency of cdd-3 negative isolates in each gender; FCNGTCN, frequency of cdd-3 negative isolates of each gender among total cdd-3 negative isolates

**Appendix 3.** Frequencies of Positive and Negative Isolates of *Clostridioides difficile* in Three Hospitals

Hospital	cdd-3						Total, No. (%)
	Positive			Negative			
	No	F.C.P.H · (%)	F.C.P.H.T.C. P. (%)	No	F.C.N.H · (%)	F.C.N.H.T.C. N. (%)	
<b>Bahonar</b>	43	21.82	63.20	154	78.18	44.10	197 (47.20)
<b>Afzalipour</b>	22	13.17	32.40	145	86.83	41.50	167 (40.00)
<b>Shafa</b>	3	5.66	4.40	50	94.34	14.30	53 (12.70)
<b>Total</b>	68	-	100.00	349	-	100.00	417 (100.00)

Abbreviations: FCPH, frequency of cdd-3 positive isolates in each hospital; FCPHTCP, frequency of cdd-3 positive isolates of each hospital among total cdd-3 positive isolates; FCNH, frequency of cdd-3 negative isolates in each hospital; FCNHTCN, frequency of cdd-3 negative isolates of each hospital among total cdd-3 negative isolates

**Appendix 4.** Frequencies of Male and Female Patients in Four Age Groups <sup>a</sup>

Age	Gender		Total, No. (%)
	Male	Female	
<b>≤ 20</b>	24 (10.6)	22 (11.6)	46 (11.0)
<b>21 - 40</b>	44 (19.4)	36 (18.9)	80 (19.2)
<b>41 - 60</b>	70 (30.8)	60 (31.6)	130 (31.2)
<b>≥ 61</b>	89 (39.2)	72 (37.9)	161 (38.6)
<b>Total</b>	227 (100.0)	190 (100.0)	417 (100.0)

<sup>a</sup> Values are expressed as No. (%).

**Appendix 5.** Frequencies of Positive and Negative Isolates of *Clostridioides difficile* in Four Age Groups

Age	cdd-3					
	Positive			Negative		
	No.	F.C.P.A. (%)	F.C.P.A.T.C.P. (%)	No.	F.C.N.A. (%)	F.C.N.A.T.C.N. (%)
≤ 20	2	4.3	2.9	44	95.7	12.6
21 - 40	8	10.0	11.8	72	90.0	20.6
41 - 60	18	13.8	26.5	112	86.2	32.1
≥ 61	40	24.8	58.8	121	75.2	34.7

Abbreviations: FCPA, frequency of cdd-3 positive isolates in each age group; FCPATCP, frequency of cdd-3 positive isolates of each age group among total cdd-3 positive isolates; FCNA, frequency of cdd-3 negative isolates in each age group; FCNATCN, frequency of cdd-3 negative isolates of each age group among total cdd-3 negative isolates

**Appendix 6.** Frequencies of Male and Female Patients in Each Ward of the Three Hospitals <sup>a</sup>

Ward	Gender		Total, No. (%)
	Male	Female	
ICU	190 (83.7)	170 (89.5)	360 (86.3)
Oncology	11 (4.8)	8 (4.2)	19 (4.6)
Internal	0 (0.0)	1 (0.5)	1 (0.2)
Laboratory	18 (7.9)	10 (5.3)	28 (6.7)
Infectious	3 (1.3)	1 (0.5)	4 (1.0)
Kidney Transplant	2 (0.9)	0 (0.0)	2 (0.5)
Lung	1 (0.4)	0 (0.0)	1 (0.2)
Burn	2 (0.9)	0 (0.0)	2 (0.5)
<b>Total</b>	<b>227 (100.0)</b>	<b>190 (100.0)</b>	<b>417 (100.0)</b>

<sup>a</sup> Values are expressed as No. (%).

**Appendix 7.** Frequencies of Positive and Negative Isolates of *Clostridioides difficile* in Each Ward of the Three Hospitals

Ward	cdd-3						
	Positive			Negative			Total, No. (%)
	No.	F.C.P.W. (%)	F.C.P.W.T.C.P. (%)	No.	F.C.N.W. (%)	F.C.N.W.T.C.N. (%)	
<b>ICU</b>	62	17.2	91.2	298	82.8	85.4	360 (86.3)
<b>Oncology</b>	4	21.1	5.9	15	78.9	4.3	19 (4.6)
<b>Internal</b>	0	0.0	0.0	1	100.0	0.3	1 (0.2)
<b>Laboratory</b>	1	3.6	1.5	27	96.4	7.7	28 (6.7)
<b>Infectious</b>	1	25.0	1.5	3	75.0	0.9	4 (1.0)
<b>Kidney Transplant</b>	0	0.0	0.0	2	100.0	0.6	2 (0.5)
<b>Lung</b>	0	0.0	0.0	1	100.0	0.3	1 (0.2)
<b>Burn</b>	0	0.0	0.0	2	100.0	0.6	2 (0.5)
<b>Total</b>	68	-	100.0	349	-	100.0	417 (100.0)

Abbreviations: FCPW, frequency of cdd-3 positive isolates in each ward; FCPWTCP, frequency of cdd-3 positive isolates of each ward among total cdd-3 positive isolates; FCNW, frequency of cdd-3 negative isolates in each ward; FCNWTCN, frequency of cdd-3 negative isolates of each ward among total cdd-3 negative isolates