

Supplementary table 1. Cumulative fraction of response for standard dosage regimens of selected antimicrobials.

Antimicrobial agent	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cefepime 1g q 8h	56	50	55	54	58	57	59	47	46	57	62	62	58	59	53	54	54	51
Cefepime 1g q 12h	36	32	36	36	39	38	39	30	28	37	42	42	38	40	33	35	34	32
Cefepime 2g q 8h	69	62	67	65	69	68	70	60	61	68	73	72	69	70	66	67	67	65
Cefepime 2g q 12h	49	44	48	46	51	49	49	42	41	48	53	54	50	52	45	47	46	44
Ceftazidime 2g q 8h	<u>84</u>	76	<u>80</u>	<u>80</u>	<u>84</u>	<u>85</u>	79	65	77	<u>81</u>	<u>83</u>	<u>88</u>	<u>85</u>	<u>89</u>	78	<u>84</u>	<u>83</u>	<u>88</u>
Ceftazidime 2g q 12h	58	46	44	51	60	53	53	40	44	50	58	63	56	59	48	56	56	58
Ciprofloxacin 400mg q 8h	59	53	50	52	57	47	45	44	42	40	41	44	44	42	23	27	27	28
Ciprofloxacin 400mg q 12h	45	41	38	40	46	39	37	33	33	34	32	35	40	37	2	3	3	3
Gentamicin 7mg/kg q 24h	34	37	56	63	60	51	52	45	43	47	58	58	52	57	15	30	27	29
Gentamicin 5mg/kg q 24h	21	24	43	51	48	38	42	35	37	39	45	46	43	47	7	17	7	15
Imipenem 1g q 6h	95	91	96	95	98	96	90	74	64	70	<u>89</u>	<u>89</u>	79	<u>84</u>	<u>81</u>	<u>81</u>	<u>82</u>	<u>82</u>
Imipenem 1g q 8h	93	<u>88</u>	93	92	95	92	<u>82</u>	62	52	60	<u>83</u>	<u>82</u>	68	76	74	74	75	75
Imipenem 500mg q 6h	92	<u>88</u>	91	90	94	<u>88</u>	77	55	49	59	79	79	63	72	70	71	75	73
Imipenem 500mg q 8h	<u>87</u>	<u>82</u>	<u>81</u>	<u>81</u>	<u>83</u>	77	67	46	46	56	75	74	55	66	68	68	73	69
Imipenem 500mg q 12h	59	49	43	38	37	42	36	21	27	32	49	47	28	35	47	47	54	44
Levofloxacin 500mg q 24h	40	30	26	39	32	27	32	30	18	11	0	0	0	0	0	0	0	0
Meropenem 1g q 6h	96	94	93	94	100	96	94	<u>87</u>	<u>80</u>	<u>86</u>	92	91	94	95	93	92	94	92
Meropenem 1g q 8h	95	92	92	92	100	92	93	<u>80</u>	65	78	<u>84</u>	<u>87</u>	<u>83</u>	<u>89</u>	90	<u>80</u>	<u>87</u>	<u>86</u>
Piperacillin/tazobactam 4,5g q 6h	76	73	78	70	79	<u>81</u>	70	56	55	64	69	71	65	73	77	79	<u>82</u>	<u>83</u>
Piperacillin/tazobactam 4,5g q 8h	44	39	40	37	44	44	38	29	29	33	38	39	35	39	44	46	47	49
Tobramycin 5mg/kg q 24h	30	29	30	32	33	28	29	22	21	26	32	31	27	34	25	30	29	31

In bold: susceptibility $\geq 90\%$; Underlined: susceptibility $\geq 80\%$ and $< 90\%$