

Supplementary Materials

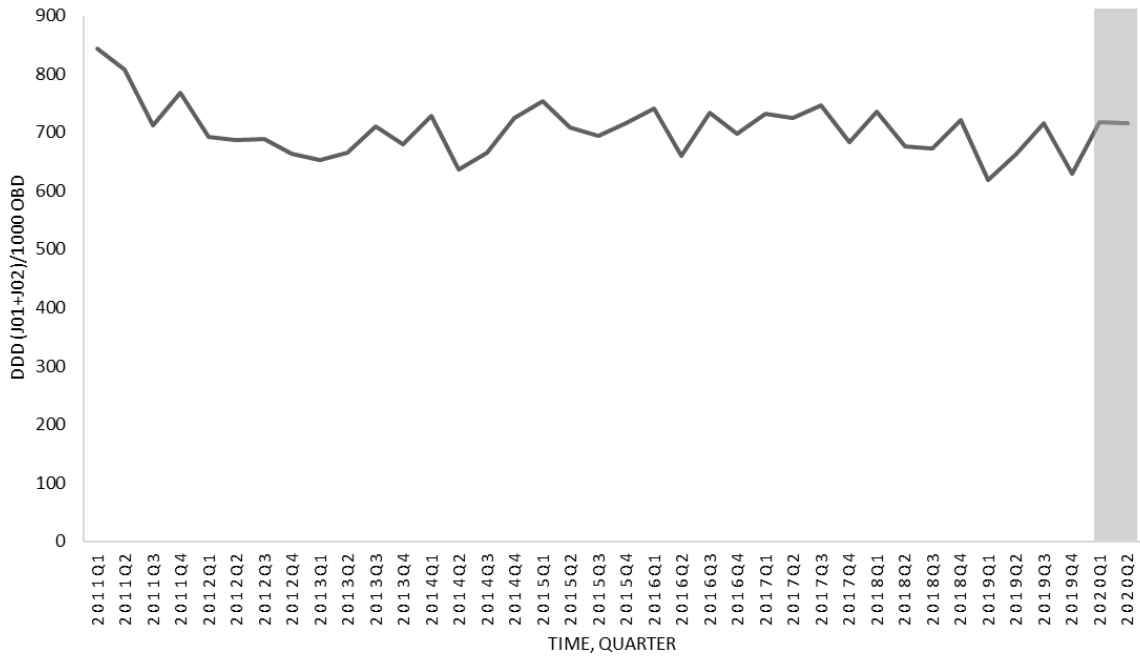


Figure S1. Changes in antibiotic consumption since PRIOAM implementation. DDD, defined daily doses; ATC group J01 (antibacterials for systemic use) and J02 (antifungals); OBD, occupied bed days; Q, quarter.

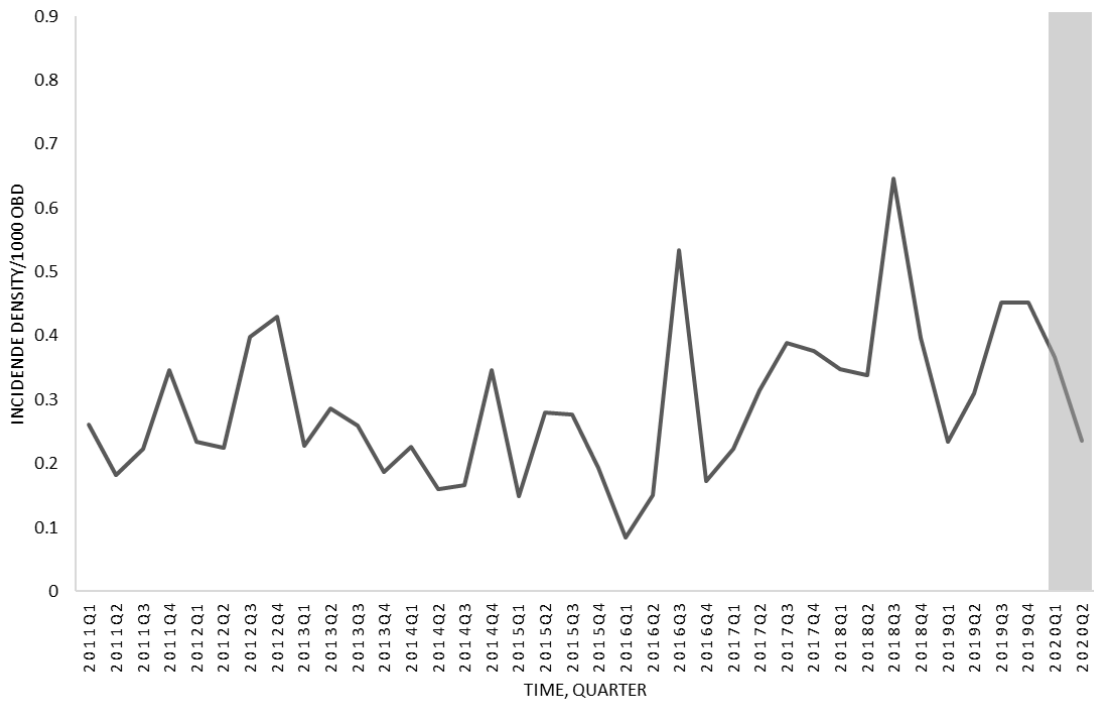


Figure S2. Changes in the incidence of hospital-acquired bloodstream infections (BSI) produced by multidrug-resistant (MDR) organisms since PRIOAM implementation. OBD, occupied bed days; Q, quarter.

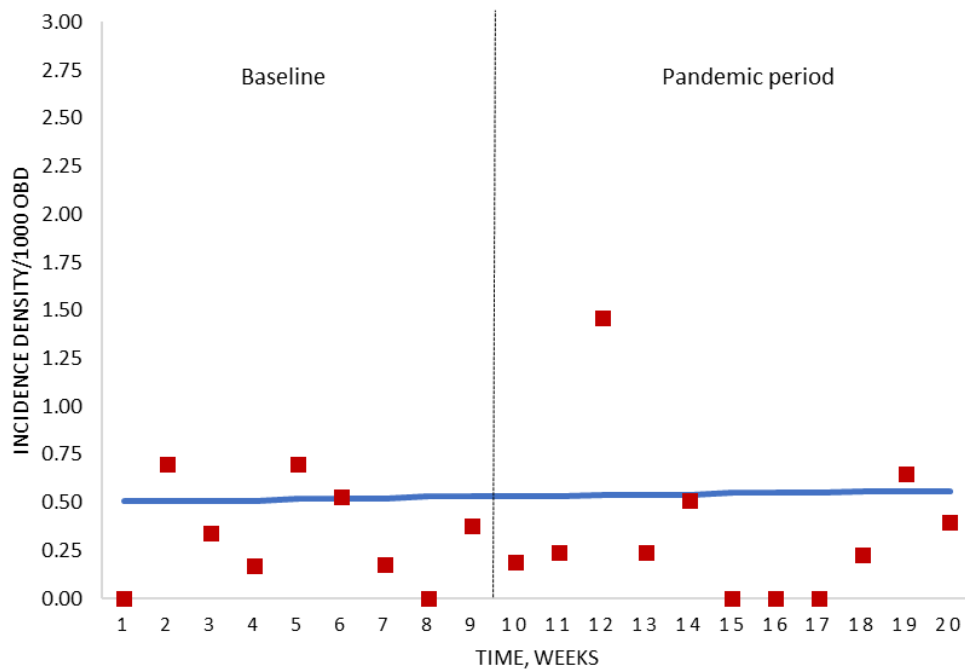


Figure S3. Segmented regression analysis of hospital-acquired candidemia and multidrug-resistant (MDR) bacterial bloodstream infections (BSI) for the period before the national lockdown (baseline) and the pandemic period. OBD, occupied bed days.

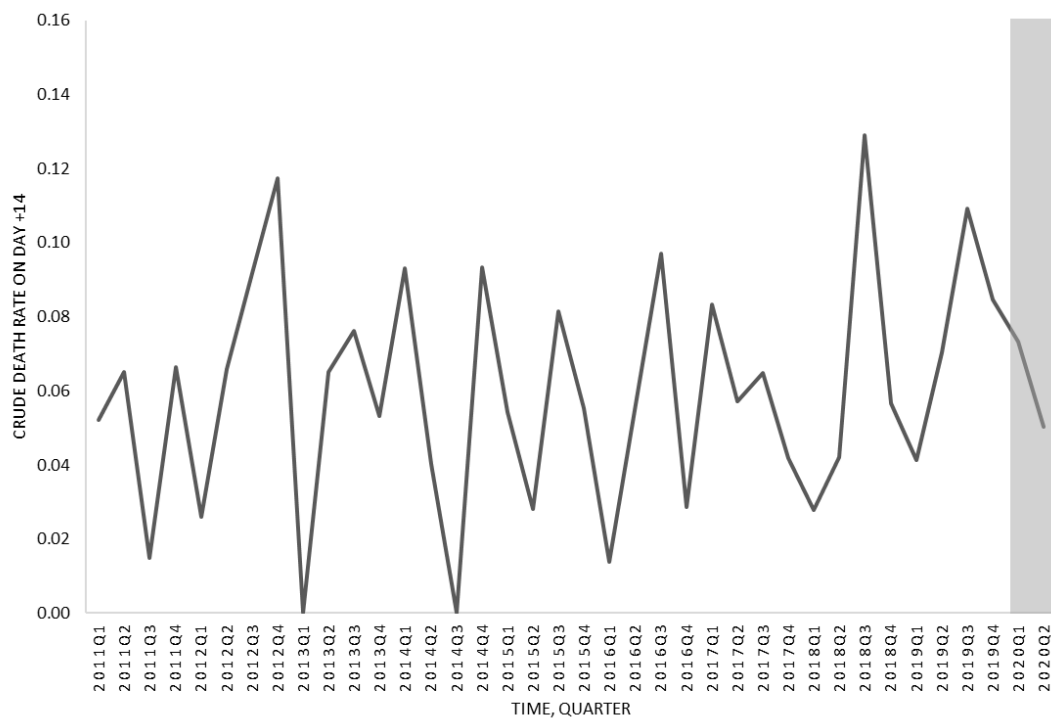


Figure S4. Changes in the cases of deaths per 1000 occupied bed days (OBD) on day +14 of hospital-acquired bloodstream infections (BSI) produced by multidrug-resistant (MDR) organisms since PRIOAM implementation. Q, quarter.

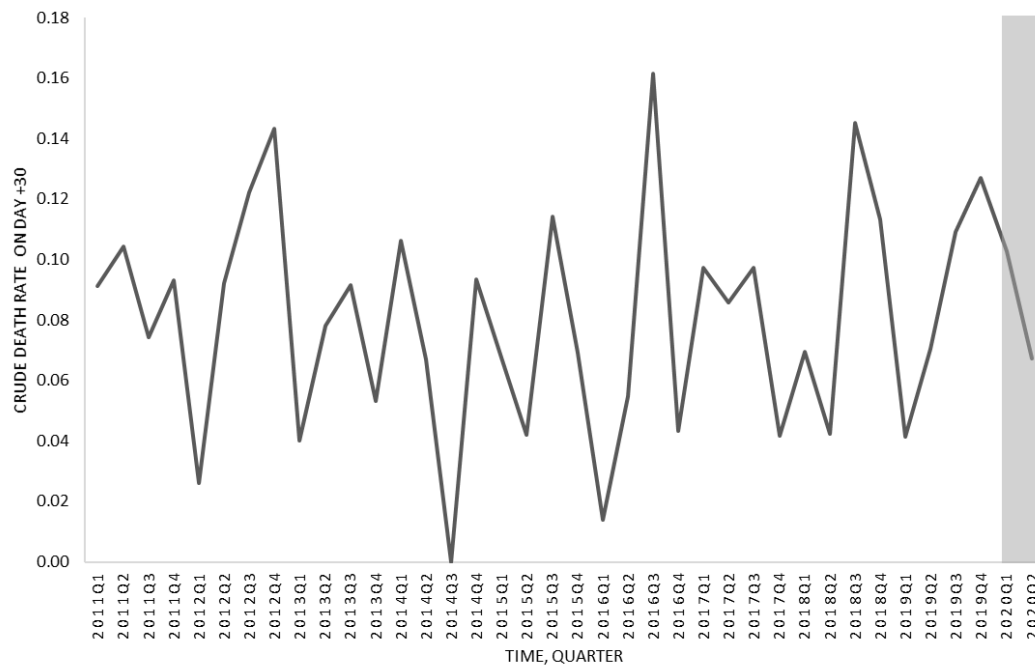


Figure S5. Changes in the cases of deaths per 1000 occupied bed days (OBD) on day +30 of hospital-acquired bloodstream infections (BSI) produced by multidrug-resistant (MDR) organisms since PRIOAM implementation. Q, quarter.

Table S1. Segmented regression analysis of antimicrobials consumption for the period before the national lockdown and the pandemic period.

Time, Weeks	WPC	95% CI	p-value
1 to 3	15.471	-6.389 to 42.436	0.155
3 to 9	-0.863	-3.573 to 1.924	0.497
9 to 15	3.530	0.822 to 6.310	0.016
15 to 20	-6.434	-9.080 to -3.711	0.001
Full range	0.588	-1.678 to 2.906	0.614

Data are presented as weekly defined daily doses (DDD) per 1000 occupied bed days (OBD). WPC=weekly percentage change. CI=confidence interval.

Table S2. Segmented regression analysis of antimicrobials consumption for the COVID-19 ward and the hospital without the COVID-19 ward during the pandemic period (weeks 10-20).

Description	Time, Weeks	WPC	95% CI	p-value
Non COVID-19 wards	10 to 12	15.027	-7.285 to 42.708	0.163
	12 to 20	-4.707	-6.940 to -2.420	0.003
	Full range	-1.051	-4.716 to 2.754	0.583
COVID-19 ward	10 to 15	44.951	16.382 to 80.532	0.006
	15 to 20	-4.498	-17.387 to 10.402	0.467
	Full range	17.657	5.891 to 30.730	0.002

Data are presented as weekly defined daily doses (DDD) per 1000 occupied bed days (OBD). WPC=weekly percentage change. CI=confidence interval.

Table S3. Segmented regression analysis of hospital-acquired candidemia and multidrug-resistant (MDR) bacterial bloodstream infections (BSI) for the period before the national lockdown and the pandemic period.

Time, Weeks	WPC	95% CI	<i>p</i>-value
Full range	0.541	-4.164 to 5.477	0.816

Data are presented as weekly cases per 1000 occupied bed days (OBD). WPC=weekly percentage change. CI=confidence interval.