

**Table S1. Time to each sepsis management from time zero**

Management	All	Less 30	More 30	<i>P</i> value
	(N = 90)	(N = 79)	(N = 11)	
Time to fluid resuscitation, min <sup>a</sup>	1 (0-30)	2 (0-40)	0 (0-12)	0.068
Time to vasopressor, min	120.0	123.0	90.0	0.160
	(54.5-249.8)	(57.0-275.0)	(32.0-190.0)	
Time to blood culture, min <sup>b</sup>	237.0	241.0	146.0	0.322
	(89.0-519.0)	(89.3-521.3)	(51.0-)	
Time to newly administered antibiotics, min <sup>c</sup>	159.5	179.5	59.5	0.011
	(55.0-278.5)	(79.5-394.8)	(18.8-142.3)	

Data are presented with a median (interquartile range).

<sup>a</sup> Time to fluid resuscitation was not available in 4 patients in the insufficient resuscitation group. Three patients did not receive fluid resuscitation, and 1 received fluid resuscitation within 3 h from time zero without an exact start time.

<sup>b</sup> Time to blood culture was calculated in 32 patients and 3 patients in the insufficient resuscitation group and the sufficient resuscitation group, respectively.

<sup>c</sup> Time to newly administered antibiotics was calculated in 40 patients and 8 patients in the insufficient resuscitation group and in the sufficient resuscitation group, respectively.

**Table S2. Time distribution of blood cultures**

	All	Less 30	More 30	<i>P</i> value
	(N = 90)	(N = 79)	(N = 11)	
Before the day of sepsis onset	20 (22.2)	17 (21.5)	3 (27.3)	0.705
On the day of sepsis onset	63 (70.0)	56 (70.9)	7(63.6)	0.724
Before time zero	35 (38.9)	30 (38.0)	5(45.5)	
After time zero	28 (31.1)	26 (32.9)	2(18.2)	
After the day of sepsis onset	6 (6.7)	5 (6.3)	1(9.1)	0.558

Data are presented with a number (percentage). In one patient in the insufficient resuscitation group, blood cultures were not performed for two days before and after the day of sepsis onset.

**Table S3. Time distribution of antibiotic administration**

	All	Less 30	More 30	<i>P</i> value
	(N = 90)	(N = 79)	(N = 11)	
Continuation of the same antibiotics	11 (12.2)	11 (13.9)	0 (0)	0.217
Newly administered antibiotics	79 (87.8)	68 (86.1)	11 (100)	0.217
Before time zero	31 (34.4)	28 (35.4)	3 (27.3)	
After time zero	48 (53.3)	40 (50.6)	8 (72.7)	

Data are presented with a number (percentage).