

## Corrigendum

# Blood culture utilization at an academic hospital: Addressing a gap in benchmarking – CORRIGENDUM

The authors of Chen et al<sup>1</sup> would like to issue the following corrections for tables 1 and 3 in their original published article:

Correction for Table 1: Intensive care unit (ICU) is not a sub-category of service. We determined the number of sets drawn from patients in an ICU and those that were not drawn in an ICU.

Correction for Table 3: “In the ICU” is not a sub-category of Previous report. We have Untabbed this line to indicate that “in the ICU” is its own covariate in this model.

The entire corrected tables appear below.

**Table 1.** Characteristics of Blood Culture Sets

Variable	No. of sets (n = 38,939)
Sets per hospital encounter, median (range)	2 (1–76)
Sets drawn within 24 h (N = 18,741), median (range)	2 (1–7)
Single sets per 24 h, no. (%)	2,451 (13.1)
Patients who had only 1 set drawn during FY15 (N = 7,174), no. (%)	443 (6.2)
Days between tests, median (range)	2.0 (1–71)
Length of stay per encounter, d, median (range)	8.0 (1–582)
<b>Service, no. (%)</b>	
General medicine	19,893 (51.1)
Emergency	709 (1.8)
Surgery	7,170 (18.4)
Oncology	10,093 (25.9)
Transplant	1,074 (2.8)
<b>Location, no. (%)</b>	
In intensive care unit (ICU)	7,417 (19.0)
Not in ICU	31,522 (81.0)
<b>Organism, no. (%)</b>	
No growth	35,823 (92.0)
Gram-positive rods	87 (0.2)
Gram-positive cocci	1,597 (4.1)
<i>Enterobacteriaceae</i>	682 (1.8)
Other Gram-negatives	214 (0.55)
Fungi	180 (0.46)
Contamination	356 (0.91)

**Table 1.** (Continued)

Variable	No. of sets (n = 38,939)
<b>Principal diagnosis, no. (%)</b>	
Sepsis/bacteremia	7,145 (18.3)
Neoplasms	5,688 (14.6)
Diseases of the circulatory system	4,935 (12.7)
Injury/Trauma	4,548 (11.7)
Diseases of the respiratory system	1,900 (4.9)
Other infectious diseases	1,339 (3.4)
Cather-related infections	979 (2.5)
Endocarditis	567 (1.5)
Skin and soft tissue infections	386 (1.0)
Urologic infections	321 (0.8)
Neutropenia	230 (0.6)
Intra-abdominal infections	179 (0.5)
Central nervous system infections	89 (0.2)
Other	10,633 (27.3)
Repeat cultures per encounter after first true-positive culture, median (range)	4.0 (0–73.0)
Repeat cultures per encounter within 2–7 d after first true-positive culture, median (range)	2 (0–14)
<b>Results of all repeat cultures after first true-positive culture (N = 6,440 sets), no. (%)</b>	
Same pathogen	752 (11.7%)
New pathogen	218 (3.4%)
Contaminant	33 (0.5%)
No growth	5,437 (84.4%)
<b>Results of repeat cultures within 2–7 d (N = 2,763 sets), no. (%)</b>	
Persistent bacteremia	346 (12.5%)
Cleared bacteremia	2,352 (85.1%)
New pathogen	54 (2.0%)
Contaminant	11 (0.4%)

**Table 3.** Odds of Having Repeat Cultures Drawn the Following Day

	Odds ratio (95% CI)	P value
<b>Medical service</b>		
General medicine (ref)	1	...
Emergency	0.30 (0.17–0.52)	<0.001
Oncology	1.54 (1.35–1.75)	<0.001
Surgery	0.62 (0.53–0.73)	<0.001
Transplant	0.38 (0.25–0.58)	<0.001
<b>Previous report</b>		
No growth (ref)	1	...
Contaminant	0.27 (0.03–2.07)	0.21
Gram-positive rods	1.20 (0.47–3.03)	0.70
Gram-positive cocci	2.23 (1.81–2.75)	<0.001
<i>Enterobacteriaceae</i>	0.99 (0.62–1.59)	0.97
Other Gram-negatives	2.55 (0.91–7.15)	0.08
Fungi	0.99 (0.54–1.79)	0.97
Polymicrobial	0.24 (0.03–1.87)	0.17
<b>In the ICU</b>	0.77 (0.67–0.88)	<0.001

## Reference

- Chen AI, Bilker WB, Hamilton KW, O'Donnell JA, Nachamkin I. Blood culture utilization at an academic hospital: Addressing a gap in benchmarking. *Infection Control Hosp Epidemiol* 2018;39: 1353–1359.