

## Supplementary Online Content

Manzoni P, Rinaldi M, Cattani S, et al; for the Italian Task Force for the Study and Prevention of Neonatal Fungal Infections. Bovine lactoferrin supplementation for prevention of late-onset sepsis in very low-birth-weight neonates: a randomized trial. *JAMA*. 2009;302(13):1421-1428.

**eTable 1.** Late-Onset Sepsis by Microorganisms and by Sites of Isolation

**eTable 2.** Liver Function Tests at 4 Weeks of Life

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1.** Late-Onset Sepsis by Microorganisms and by Sites of Isolation<sup>a</sup>

Isolates	All Infants (Total = 56/472)	BLF (Total = 9/153)	BLF + LGG (Total = 8/151)	Control (Total = 39/168)
Gram-negative (overall), No./total (%)	29/56 (51.8)	7/9 (77.8)	5/8 (62.5)	17/39 (43.6)
<i>Klebsiella pneumoniae</i>	9	3	1	5
<i>Klebsiella oxytoca</i>	4	1	1	2
<i>Escherichia coli</i>	10	2	2	6
<i>Enterobacter aerogenes</i>	3	1	1	1
<i>Serratia marcescens</i>	1			1
<i>Pseudomonas aeruginosa</i>	2			2
Gram-positive (overall), No./total (%)	16/56 (28.6)	2/9 (22.2)	1/8 (12.5)	13/39 (33.3)
<i>Group B Streptococcus</i>	2			2
CoNS	4	1		3
<i>Staphylococcus aureus</i>	3			3
Other staphylococci	5	1		4
<i>Enterococcus faecalis</i>	1		1	
<i>Clostridium difficile</i>	1			1
Fungi (overall), No./total (%)	11/56 (19.6)	0/9 (0)	2/8 (25)	9/39 (23.1)
<i>Candida albicans</i>	8		1	7
<i>C parapsilosis</i>	1		1	
<i>C glabrata</i>	1			1
<i>C guilliermondii</i>	1			1
Sites of isolation				
Bacterial late-onset sepsis				
Blood	38	8	6	24
Cerebrospinal fluid	3			3
Peritoneal fluid	3	1		2
Burn	1			1
IFI				
Blood	10		2	8
Cerebrospinal fluid	1			1

Abbreviations: BLF, bovine lactoferrin; CoNS, coagulase-negative *Staphylococcus* species; IFI, invasive fungal infection; LGG, *Lactobacillus rhamnosus* GG.

<sup>a</sup>Fifty-six isolates in 45 episodes of late-onset sepsis; 11 infants with 2 concomitant isolates. The 11 concomitant isolates were as follows: no cases of concomitant isolates in the BLF group; 1 case of concomitant isolates in the BLF + LGG group (*E Coli* + *C albicans*); 10 cases of concomitant isolates in controls (*E Coli* + *C albicans* in 2 cases; CoNS + *Klebsiella oxytoca* in 1 case; CoNS + *Klebsiella pneumoniae* in 1 case; *Klebsiella pneumoniae* + *C glabrata* in 1 case; *Klebsiella pneumoniae* + *Staphylococcus haemolyticus* in 1 case; *Staphylococcus warnerii* + *E coli* in 1 case; *Staphylococcus* species + *E coli* in 1 case; *Pseudomonas aeruginosa* + *E coli* in 1 case; *Staphylococcus* species + *Staphylococcus aureus* in 1 case).

**eTable 2.** Liver Function Tests at 4 Weeks of Life

Test	Mean (SD), mg/dL			P Value <sup>a</sup>	
	BLF (n = 153)	BLF + LGG (n = 151)	Control (n = 168)	BLF vs Control	BLF + LGG vs Control
Aspartate aminotransferase	26.3 (10)	30.1 (12)	36.1 (10)	<.001	<.001
Alanine aminotransferase	16.5 (12)	23.2 (19)	19.5 (11)	.02	.03
$\gamma$ -Glutamyl transferase	61.9 (68)	76.9 (42)	75.3 (77)	.10	.82
Direct bilirubinemia	2.1 (1.8)	2.5 (2.1)	2.0 (1.7)	.61	.02

Abbreviations: BLF, bovine lactoferrin; LGG, *Lactobacillus rhamnosus* GG.

<sup>a</sup>Calculated with the use of the *t* test for comparing continuous variables.