Table 3.A.1. -- Results

Outcome	Transfused	Not transfused	P value
Patients	131	109	
Average entry Hb	6.9 g/dL	8.1 g/dL	< 0.001
Hospital mortality	8 (6.1%)	1 (0.9%)	0.043
Average oxygen days	8.0 ± 10.4 days	4.0 ± 6.6 days	< 0.001
Mechanical ventilator days	5.6 ± 9.1 days	2.4 ± 4.1 days	0.002
PICU LOS	8.6 ± 9.8 days	5.7 ± 7.6 days	< 0.001
Hospital LOS	18.9 ± 17.6 days	12.4 ± 10.5 days	< 0.001

Goodman, Journal of Peds, 2003

Table 3.A.2.
Increase in resource use

	Oxygen use in days	Mechanical ventilation in days	Vasoactive infusions in days	PICU LOS	Hospital LOS
Effect of RBC transfusion	4.48 ± 1.37 days	4.45 ± 1.10 days	1.27 ± 0.44 days	4.44 ± 1.32 days	7.75 ± 2.36 days
Significance	p<0.0012	P<0.0003	p=0.0047	P=0.0009	P=0.0012

Analysis done after controlling for severity of illness
Goodman, Journal of Peds, 2003

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