

Pediatric Toolkit for Using the AHRQ Quality Indicators  
How To Improve Hospital Quality and Safety

AHRQ Quality Indicators Prioritization Matrix																		
	Section 1-Blue		Section 2-Green						Section 3-Purple			Section 4-Orange						
	Own Rate and National Benchmark		Estimate Annual Cost and Cost To Implement						Rate Strategic Alignment and Regulatory Mandates Rate on scale of 10 (agree/high) to 0 (disagree/low)			Barrier Assessment (indicate Yes or No)						
			Volume of Cases at Risk	Cost of Single Event	Total Cost	Cost To Implement	Penalties and Incentives	Proxies for Cost	Strategic Alignment	External Mandates	Public Perception	Executive-Level Support	Staff Capability	Staff Willingness	Time and Effort	Ability To Monitor Progress		
	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R		
	List of PDIs	Own Rate	National Comparator	Annual volume of this event	Anticipated average cost for one case with this event	The total annual cost of this event to our organization	Anticipated cost to investigate/ implement new process is less than annual cost of event	Anticipated costs and benefits from HAC Reduction, VBP, etc.	Additional information that could be used instead of or in addition to cost estimates in columns F-H	Aligned with established organizational goals and priorities	• Regulatory • Value-based purchasing • Sentinel event	• Publicly reported • Public perception • Marketing • Competitive pressure	Do we have the committed support of our senior leadership?	Do we have staff with the needed skills for this PI team?	Are affected staff willing to change?	Will the added demand on staff time and effort be reasonable?	Do we have a method to review PI progress on a regular basis?	
Neonatal	NQI 01 Neonatal Iatrogenic Pneumothorax	0.0	0.2	0	\$61,991	\$ -	N			7	8	7	Y	Y	Y	Y	Y	
	NQI 02 Neonatal Mortality Rate	0.0	2.5	0		\$ -	N			8	10	9	Y	Y	Y	Y	Y	
	NQI 03 Neonatal Blood Stream Infection Rate	40.4	23.8	17	\$121,010	\$ 2,057,170	Y			10	9	9	Y	Y	Y	Y	N	
Pediatric	PDI 01 Accidental Puncture	0.3	0.6	1	\$41,204	\$ 41,204	N			9	9	9	Y	Y	Y	Y	Y	
	PDI 02 Pressure Ulcer	0.0	0.2	0	\$85,344	\$ -	N			6	6	6	Y	Y	Y	Y	Y	
	PDI 05 Iatrogenic Pneumothorax Rate	0.0	0.1	0	\$61,991	\$ -	N			6	6	6	Y	Y	Y	Y	Y	
	PDI 06 RACHS-1 Pediatric Heart Surgery Mortality Rate		36.9	0		\$ -	N			1	5	5	Y	N	Y	Y	N	
	PDI 07 RACHS-1 Pediatric Heart Surgery Volume			54		\$ -	N			1	5	5	Y	N	Y	Y	N	
	PDI 08 Perioperative Hemorrhage or Hematoma Rate	0.0	4.9	0	\$75,932	\$ -	N			6	6	6	Y	Y	Y	Y	Y	
	PDI 09 Postoperative Respiratory Failure Rate	0.0	11.0	0	\$140,507	\$ -	N			7	7	7	Y	Y	Y	Y	Y	
	PDI 10 Postoperative Sepsis Rate	0.0	16.2	0	\$117,815	\$ -	N			9	10	10	Y	Y	Y	Y	Y	
	PDI 11 Postoperative Wound Dehiscence Rate	0.0	1.1	0	\$76,737	\$ -	N			5	5	5	Y	Y	Y	Y	Y	
	PDI 12 Central Venous Catheter-Related Blood Stream Infection	0.4	0.8	2	\$121,010	\$ 242,020	N			10	9	9	Y	Y	Y	Y	N	
	Sentinel Event	PDI 03 Unretrieved Device Fragment Count	0.0		0	\$31,366	\$ -	N			10	10	10	Y	Y	Y	Y	Y
		PDI 13 Transfusion Reaction	0.0		0	\$86,698	\$ -	N			4	10	8	Y	Y	Y	Y	Y
Pediatric Safety Composite Indicator	PDI 19 Pediatric Safety for Selected Indicators																	

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