

**CALIFORNIA PERINATAL TRANSPORT SYSTEM
NEONATAL TRIPS SCORE CALCULATIONS FORM – 2012**

To calculate a TRIPS Score for a neonate being transported in California:

- Obtain TRIPS score information from the CORE Neonatal Transport form (maybe entered on Table A or B)
- Use point scores from Table C to calculate total score
- Identify Risk of Mortality in first 7 days following transport using Table D.

To use an electronic application to identify California TRIPS Score and associated risk please visit:

<http://www.health-info-solutions.com/CPQCC-CPeTS/tripsmobile/tripsmobile.html>

Table A: California TRIPS Score: to be recorded on referral, within 15 minutes of arrival at referring hospital and admit to NICU.*			
	Referral	Initial Transport	NICU Admit
Time (24 hour)	C.14	C.18	C.19
C.20 Responsiveness☼			
C.21 Temperature C°			
Too low to register	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes
Was the infant cooled?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N
Method of cooling✦			
C.22 Heart Rate			
C.23 Respiratory Rate			
C.24 Oxygen Saturation			
C.25 Respiratory Status *			
C.26 Inspired Oxygen Concentration			
C.27 Respiratory Support ☿			
C.28 Blood Pressure Systolic / Diastolic, Mean			
Too low to register	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes
C.29 Pressors	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N
☼ Responsiveness: 0=Death 1=None, Seizure, Muscle Relaxant 2=Lethargic, no cry 3=Vigorously withdraws, cry ✦ Method of cooling: Passive, Selective Head, Selective Body, Other, Unknown * Respiratory Status: 1=Respirator 2= Severe (apnea, gasping, intubated not on respirator) 3=Other ☿ Respiratory Support: 0 = None, 1 = Hood/Nasal Cannula. 2 = Nasal Continuous Positive Airway Pressure, 3 = Endotracheal Tube *Shaded areas not used for TRIPS Score calculations			

Table C: Model Used for Calculating California TRIPS		
Risk Factor		TRIPS Points
Responsiveness	None, seizure, muscle relaxant (1)	14
	Lethargic, no cry (2)	10
	Vigorously Withdraws, Cry (3)	0
Temperature (°C)	36.1 to 37.6	0
	<36.1 or >37.6	6
Respiratory Status	None or mild respiratory symptoms (3)	0
	Moderate (apnea, gasping, not on respirator) (2)	21
	Severe (on respirator) (1)	
	with FIO ₂ < 50	15
	with FIO ₂ 50 to <75	18
	with FIO ₂ 75-100	20
Systolic Blood Pressure (mmHg)	under 20	24
	20-30	19
	30-40	8
	>40	0
Pressors	Not Used	0
	Used	5

Table D: California TRIPS Score Risk	
Points	Risk of Death within 7 Days of Transport
0 to 8	0.4 to 0.9%
9 to 16	0.9 to 1.9%
17 to 24	2.1 to 4.0%
25 to 34	4.4 to 10.2%
35 to 44	11.1 to 23.4%
45 to 70	25.2 to 80.1%

Table B: TRIPS Score Components Used for Identifying Risk of Mortality within 7 Days After Transport		
	Value	Points
C.20 Responsiveness☼		
C.21 Temperature C°		
C.25 Respiratory Status *		
C.26 Inspired Oxygen Concentration		
C.28 Blood Pressure Systolic/ Diastolic, Mean		
C.29 Pressors		
TOTAL SCORE		