

**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☼	2	2	2
C.21 Temperature C°	35.6	36.0	36.0
Too low to register	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes
Was the infant cooled?	<input type="checkbox"/> Y XX N	<input type="checkbox"/> Y XX N	<input type="checkbox"/> Y XX N
Method of cooling✚			
C.22 Heart Rate	165	172	170
C.23 Respiratory Rate	80	60	60
C.24 Oxygen Saturation	84	89	90
C.25 Respiratory Status *	2	1	1
C.26 Inspired Oxygen Concentration	100	95	90
C.27 Respiratory Support ☼	3	3	3
C.28 Blood Pressure Systolic / Diastolic, Mean	28/17	32/22	34/23
Too low to register	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes
C.29 Pressors	XX Y <input type="checkbox"/> N	XX Y <input type="checkbox"/> N	XX 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

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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☼	2	10
C.21 Temperature C°	36.0	6
C.25 Respiratory Status *	1	20
C.26 Inspired Oxygen Concentration	95	
C.28 Blood Pressure Systolic/ Diastolic, Mean	32/22	8
C.29 Pressors	YES	5
TOTAL SCORE		49