

Infant Vital Signs Scenario Answers

Scenario		Description	Axillary (Armpit) Temp. (C)	Rectal Temp (C)	Pulse Rate (BPM)	Pulse Strength	Pulse Locations	Respiration Rate (BPM)	Respiration Irregular?	Systolic (mmHg)	Diastolic (mmHg)	Ox saturation	Left Pupil	Right Pupil
1	Normal Baby	Vital signs one would see in a typical, healthy 3-month-old baby.	36.5	37.1	105	Normal	All	28	reg	65	40	100	4 mm	4 mm
2	Febrile Baby - No Shock	A febrile baby with elevated heart rate, respirations, blood pressure, and temperature.	39	39.6	142	Normal	All	48	reg	70	50	100	4 mm	4 mm
3	Febrile Baby - In Shock	A febrile baby going into warm septic shock with elevated heart rate, respirations, blood pressure, and temperature.	39	39.6	165	Bounding	All	54	reg	75	30	100	4 mm	4 mm
4	Bronchiolitis	A baby with bronchiolitis with appropriate lung sounds as well as elevated heart rate, respirations, and blood pressure.	38.3	38.9	160	Normal	All	68	reg	65	45	95	4 mm	4 mm
5	Bronchiolitis and Apnea	A baby with bronchiolitis and apnea with appropriate lung sounds as well as elevated heart rate, respirations, and blood pressure.	37.7	38.3	160	Normal	All	68	20 sec pause	65	45	95	4 mm	4 mm
6	Non-accidental Trauma	A baby impacted by non-accidental trauma with elevated blood pressure, unequal pupils, and with a bulging fontanelle. The bulging fontanelle must be inserted for this scenario. Please refer to the Quick Start Guide for instructions.	36.6	37.2	90	0	0	28	Deep	100	76	100	2 mm	5 mm
7	Croup	A baby with croup with appropriate lung sounds.	38.4	39	132	0	0	14	reg resp, long insp time	75	45	95	4 mm	4 mm
8	Hypothermic Newborn	A hypothermic newborn with lowered temperatures and absent peripheral pulses.	35	35.4	95	0	0	24	0	60	40	---	4 mm	4 mm
9	Bacterial Pneumonia	A baby with bacterial pneumonia with crackle lung sounds and elevated temperature, heart rate, and respiratory rate.	39.2	39.8	132	Normal	All	64	reg	60	40	95	4 mm	4 mm
10	Cold Septic Shock	A baby in cold septic shock with elevated heart rate, low blood pressure, and absent peripheral pulses.	38.5	39.1	160	0	0	38	0	50	not detected	100	4 mm	4 mm
11	Bilious Emesis	A 2-week-old baby with bilious emesis, elevated heart rate, thready peripheral pulses, and absent bowel sounds.	37.3	37.9	148	0	0	42	0	50	30	100	4 mm	4 mm
12	Meningitis	A baby with meningitis with a bulging fontanelle. The bulging fontanelle must be inserted for this scenario. Please refer to the Quick Start Guide for instructions.	38.5	39.1	142	0	0	28	0	70	42	95	4 mm	4 mm
13	Simple Pneumothorax	A newborn infant with a simple pneumothorax and absent lung sounds on the right side.	37.1	37.1	132	Normal	All	64	0	58	40	95	4 mm	4 mm
14	Congenital Heart Disease With Murmur	A baby with congenital heart disease with a holosystolic murmur and low oxygen saturation.	37.2	37.8	150	Normal	All	52	reg	60	40	88	4 mm	4 mm
15	Still's Murmur	A healthy 11-month-old baby, with normal sounds, except for Still's murmur.	36.5	37.1	115	Normal	0	24	reg	65	40	100	4 mm	4 mm