

**Activity 3.1.2: Medical History**

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| Patient’s Name: | | Age: | Male or Female: |
| Anna Garcia | | 14 months | Female |
| Height: | | Weight: | Temperature: |
| 26 inches | | 20 lbs 2 oz | 101.4°F |
| Blood Pressure: | | Pulse: | Respiration Rate: |
| N/A | | 175 bpm | 40 bpm |
| Is the patient on any medications? If so please list them. | | | |
| Patient was given Infant Tylenol to relieve fever. | | | |
| Chief complaint or primary reason for visit?  Patient is running a fever, is extremely lethargic, experiencing breathing problems, and appears to be in a lot of pain. | | | |
| Onset of condition. Is complaint related to a fall, an accident, or an auto accident?  No | Duration of condition?  Symptoms started yesterday morning | | History of similar condition in past?  No |
| **Physical Exam Notes:** | | | |
| Respiratory Exam:  Patient’s breathing is abnormal. Respiratory rate is slightly elevated and patient seems to be short of breath. | Skin Exam:  Pale skin, nails, and lips. | | Ears:  Normal. No signs of fluid or infection. |
| Mouth/Throat:  Normal. No signs of infection. | Gastro-Intestinal:  Patient does not have any hernias. Patient has not had much of an appetite for the last couple of days. Patient has a bright red diaper rash on bottom and mother said she has been experiencing diarrhea for two days. | | Cardiovascular:  Pulse is 175 bpm. Heart rate is rapid and above normal range. |

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| Urinary:  Higher urine output than normal. | Other:  Lymph nodes are normal. Patient seems very lethargic. |
| Additional Notes:   * Patient’s height is below 5th percentile on growth curve. * Patient’s weight is between the 10th and 25th percentile on growth curve. * Patient’s head circumference measures normal. * Patient has swelling in the hands and feet. * Abdomen is tender to the touch. * Abdomen is enlarged on left side of abdomen – possibly indicative of splenic sequestration. * Patient’s parents indicate that the patient has been extremely irritable and fussy and seems to be in a lot of pain.   Tests Performed:   * CBC * Hematocrit * Blood oxygen * [CT scan](http://health.nytimes.com/health/guides/test/ct-scan/overview.html) * Sickle cell test   Results:   * CBC   Red Blood Cell Count reduced levels  White Blood Cell Count increased levels   * Hematocrit   Lower than normal hematocrit - 20%   * Blood oxygen   Lower than normal levels   * [CT scan](http://health.nytimes.com/health/guides/test/ct-scan/overview.html)   Abnormal spleen, indicative of splenic sequestration   * Sickle cell test   Positive for sickle cell anemia  Diagnosis:   * Sickle cell anemia * Severe anemia * Splenic sequestration (sickling in the splenic vein resulting in a collection of a large amount of blood in the spleen, causing the spleen to be enlarged).   Treatment:   * Intravenous hydration * Administration of pain medication * Red blood cell transfusion * Administration of antibiotics to prevent infection   Genetic Analysis: | |