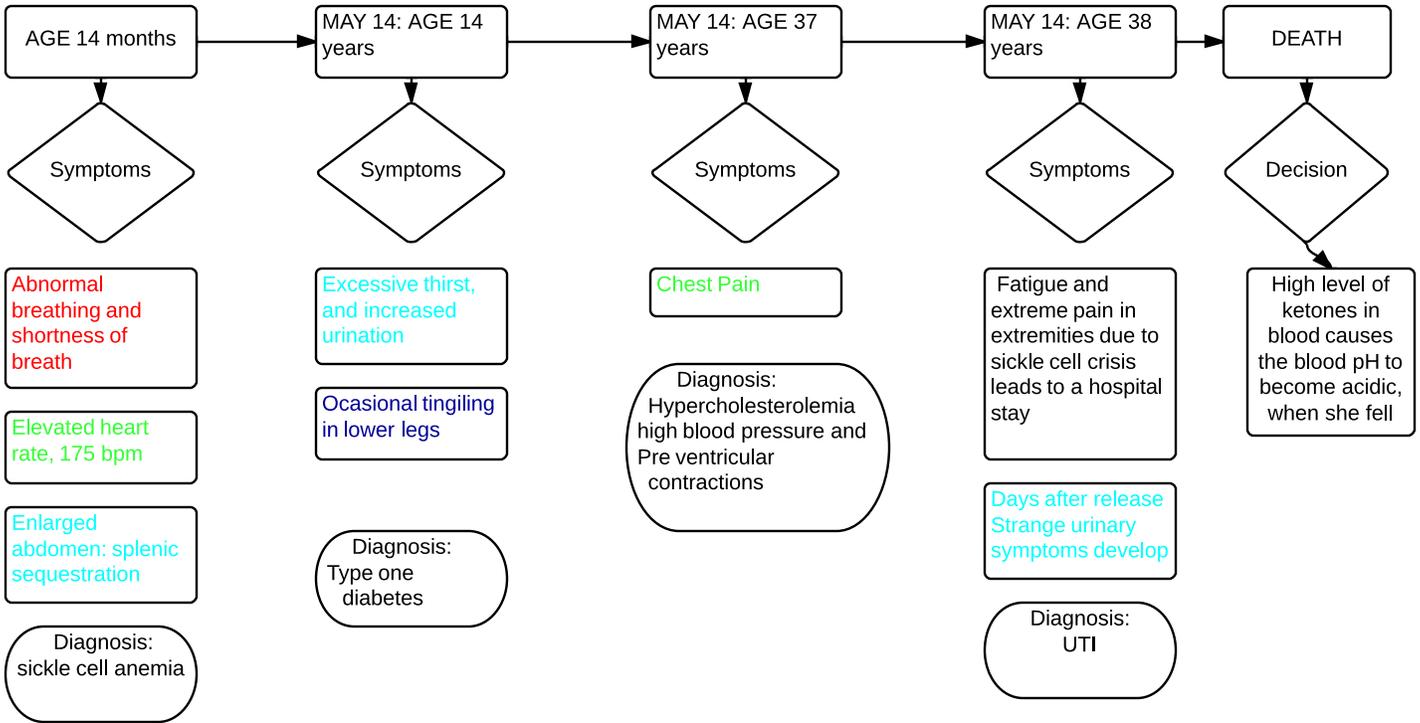


# ANNA GARCIA MEDICAL HISTORY TIMELINE



## FACTORS CONTRIBUTING TO DEATH

- Negligance in caring for blood sugar
- Diet high in calories and fat
- Lack of exercise to manage cholesterol levels
- Left kidney necrosis, compromised kidney functions leads to acidity of blood
- Sickle cell anemia causes cells to receive less oxygen than they need
- PVC's causes irregular and ineffective blood flow through the body harming cell and tissue function

## LONG TERM PREVENTION

- Begin an exercise program to lose weight to better treat her diabetes and high cholesterol
- Alter diet to consume more protein and less sugary and carb filled foods.
- Diligently take the proper medications to manage and control all of her ailments.

## SHORT TERM PREVENTION

- Make sure to take insulin, in an amount appropriate to the amount of carbohydrates that she had consumed
- Monitor blood sugar levels throughout the day
- Take Hydroxyurea on a regular basis to control sickle cell crises

## BODY SYSTEMS KEY

- CARDIOVASCULAR
- DIGESTIVE
- IMMUNE
- NERVOUS
- RESPIRATORY
- URINARY

## Disease/ Risk factors

**SICKLE CELL ANEMIA:** sickled RBC's can't carry as much O<sub>2</sub> and do not live as long as normal RBC's. Sickled RBC's clump together causing blood clots leading to possible stroke, Acute chest syndrome, and splenic sequestration. WBC's struggle to reach infections

**DIABETES:** high blood sugar overworks the kidneys, eventually begins leaking protein into urine and destroying kidney function due to increased ketones in the blood. Damage to small blood vessels causes issues with nerve function

**HEART DISEASE:** PVC's cause the heart to pump unafectively. Nerves die due to lack of oxygen. Atherosclerosis or the hardening of artery walls occurs. Can damage kidneys due to lack of blood flow

**UTI:** Sepsis, life threateningly high bacteria levels can damage multiple organ systems resulting in death. Bacterial growth in the urinary tract causes problems during urination the infection causes more blood to be brought to the site if infection bringing more WBC's