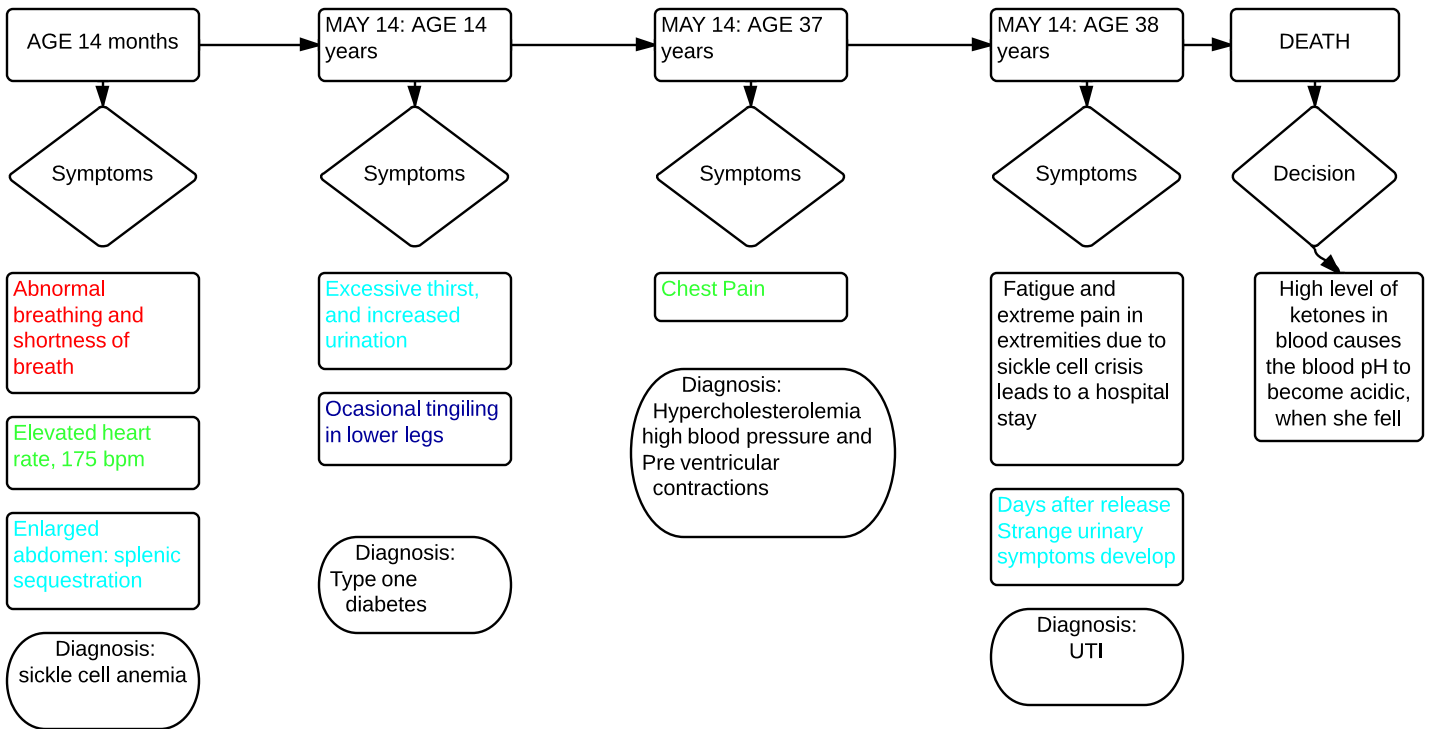


ANNA GARCIA MEDICAL HISTORY TIMELINE



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 an less sugary and carb filled foods.
- Dilligently take the proper medications to manage and control all of her aliments.

SHORT TERM PREVENTION

- Make sure to take insulin, in an ammount appropriate to the amount of carbohydrates that she had consumed
- Montior 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 cary as much O₂ 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 blod 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 vessles causes issues with nerve function

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

UTI: Sepsis, life threatningly 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