

## **Pappalysin 2 (PAPP-A2) Enzyme Replacement**

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This study evaluates the transfusion of fresh frozen plasma containing the enzyme PAPP-A2 into the a female adult. This female adult has a mutated version of PAPP-A2 that prevents the unbinding of IGF-1 from IGF binding proteins. The investigator's hypothesize that transfusion of plasma with donor PAPP-A2 will lead to the unbinding of IGF-1 from its binding proteins and that they will be able to measure free IGF-1 in the blood of this female adult.