



# Balancing Platelet Strength & Function with the Stasys Atlas PST



Atlas PST detects all mechanisms of platelet dysfunction in less than 3 minutes.

## STASYS ATLAS PST FEATURES:

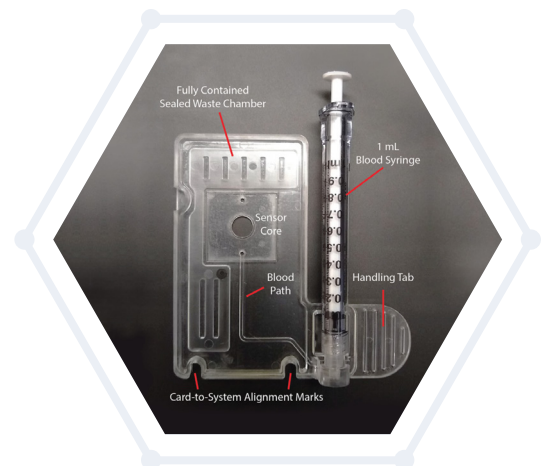
Global assay of primary hemostatic potential

User-friendly device has small footprint (~1 sq ft)

Fully-automated workflow, reporting real-time data in minutes

## ATLAS PST DATA ANALYSIS:

- High resolution time lapse imaging
- Data analysis driven by advanced machine learning
- Measures platelet clot forces, clot sizes, and additional research variables



## USEFUL IN THE FOLLOWING RESEARCH AREAS:

- Studying platelet dysfunction in trauma subjects or with DIC
- Studying acute thrombosis (subjects with coronary artery disease before/after intervention, PAD, CVD, COVID, cancer-associated thrombosis)
- Studying antiplatelet drug titration—detects dose response between all dose combinations for P2Y12 inhibitor and aspirin
- Studying hereditary platelet disorders (von Willebrand Disease, Glanzmann's thrombasthenia, macrothrombocytopenias, etc.)
- Pharmaceutical research and drug development (anti-vWF agents, freeze-dried platelets, etc.)

## ATLAS PST DATA OUTPUT:

- Displays graphs of platelet force and aggregation area on the user interface
- At 2 minutes the Atlas PST calculates the platelet force and aggregation area

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