



Balancing Platelet Strength with the Stasys Atlas PST



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

STASYS ATLAS PST FEATURES:

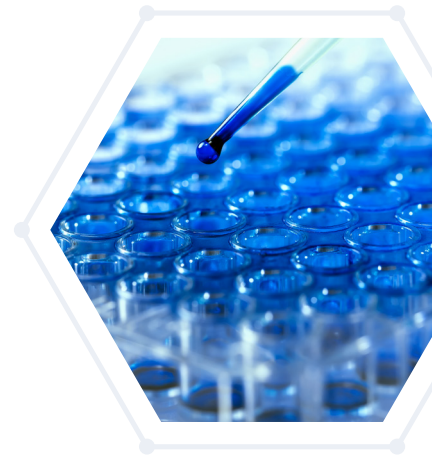
Global assay of primary hemostasis measuring platelet strength

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

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

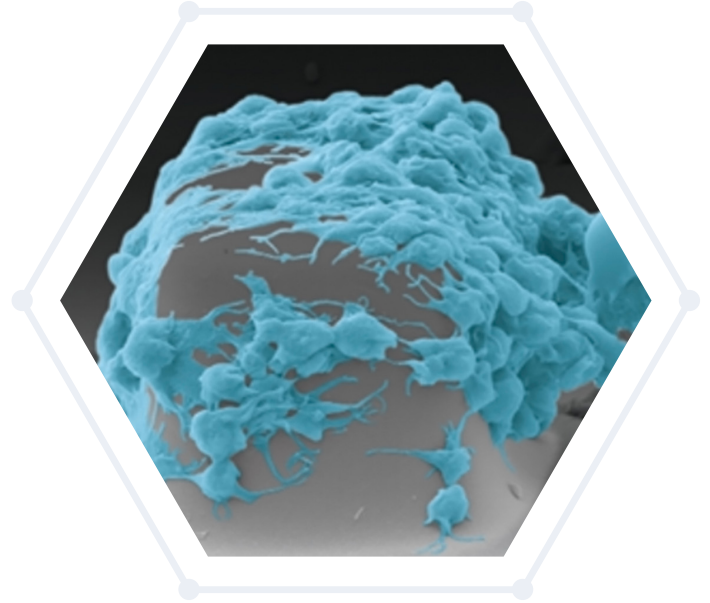
USEFUL IN THE FOLLOWING RESEARCH AREAS:

- 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, thrombosomes, etc.)



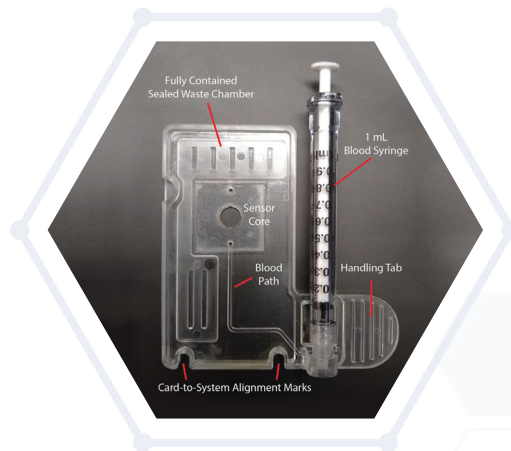
ATLAS PST DATA ANALYSIS:

- High resolution time lapse imaging with machine learning analysis
- Assesses platelet strength and size of clot
- Measures platelet force, aggregation and other research variables



ATLAS PST DATA OUTPUT:

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



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