



RapidCount

Because Every Second Counts

Accelerated Activated Clotting Time (ACT) Results for Greater Efficiencies and Swift Care Decisions

Hemochron® Signature Elite, with RapidCount technology, provides an accelerated ACT count (ACT+) for rapid, accurate heparin monitoring to maximize efficiency in the CVOR and optimize the anticoagulation response for better patient care.

In the CVOR, fast access to ACT results benefit everyone:

- Surgical team benefits from rapid interventional data throughout the procedure
- Hospital administrators benefit from operating room utilization efficiency including financial savings gained through potential reduction of procedure length
- Patient may benefit from reduced time under anesthesia

Rapid Time to Get Patients on Pump

With our proprietary RapidCount technology integrated into the ACT+ test, a 450 second target time may be achieved in approximately 4.5 minutes* or approximately 3 minutes faster than other ACT testing method times. This means the surgical team may place a patient on cardiopulmonary bypass earlier, which may reduce the actual procedure time.

Rapid Interventional Monitoring for Quick Heparin Adjustments

Once a cardiovascular procedure begins, Hemochron Signature Elite's rapid ACT results allow for timely heparin dose adjustments in response to the patient's condition.



"In Critical Care Testing, Every Second Counts"

A 2005 study of 100 U.S. hospitals found that OR charges averaged \$62/min (range: \$22 to \$133/min). These figures do not include other ancillary costs such as surgeon and anesthesia provider fees¹.

Using Hemochron Signature Elite's RapidCount technology may provide significant financial savings for hospitals through the potential reduction of procedure length. Assuming \$62/min and potential time savings of at least 3 minutes per case, this would translate to financial savings of at least \$186 in operating room time per procedure.

¹Macario, A. What does one minute of operating room time cost? *J Clin Anesth.* 2010, 22, 233-236.

* Data on file at ITC

Because Every Second Counts

Creating and maintaining safe and optimal patient care is paramount throughout each hospital department. Hemochron Signature Elite helps to provide rapid interventional information throughout the patient's stay. At the same time, using Hemochron Signature Elite's RapidCount technology may also help you to make smart choices when it comes to improving operating room efficiency.

Example of Potential Operational Savings

Average operating room cost per minute:		\$62
Minutes saved per case:	×	3
Number of cases per year:	×	350
Total savings:	=	\$65,100

Please contact your local ITC sales representative to learn about the financial savings your facility may realize by using the Hemochron Signature Elite with RapidCount technology.

