

Suite Synchrony *Integrated. Informative. Intuitive.*

In sync with your need for high-speed scanning and seamless workflow

ACIST Medical Systems' EDA™ extravasation detection technology* is designed to aid in the detection of potentially harmful extravasations. By notifying and pausing injections if a clinically significant variation is detected, EDA helps technologists realize the full potential of high scanning speeds, giving them the confidence that their good technique is backed by leading-edge technology.



In sync with best practices for improving clinical outcomes

Duke University Medical Center data review of EDA technology**

Duke University Medical Center reviewed data collected over a 15-month period using ACIST Medical Systems' EmpowerCTA® Contrast Injection System for radiology, emergency and outpatient care services. The review concluded that extravasation detection provides important benefits for both patients and CT staff, including:

- Minimizing contrast media (vesicant) extravasation and resulting skin damage
- Maximizing the CT staff's ability to complete important diagnostic imaging procedures
- Quickly determining when there is no extravasation so that departmental workflow can continue without interruption

*EDA is designed to aid in the detection of extravasations and is not intended as a substitute for proper patient monitoring and good clinical practice.

**A Retrospective Review: Duke University Medical Center's Experience with the Extravasation Detection Accessory (EDA) Technology; Donna Parker, RT, co-director, Duke CT Institute, Chief Technologist, Department of Radiology at Duke University Medical Center.

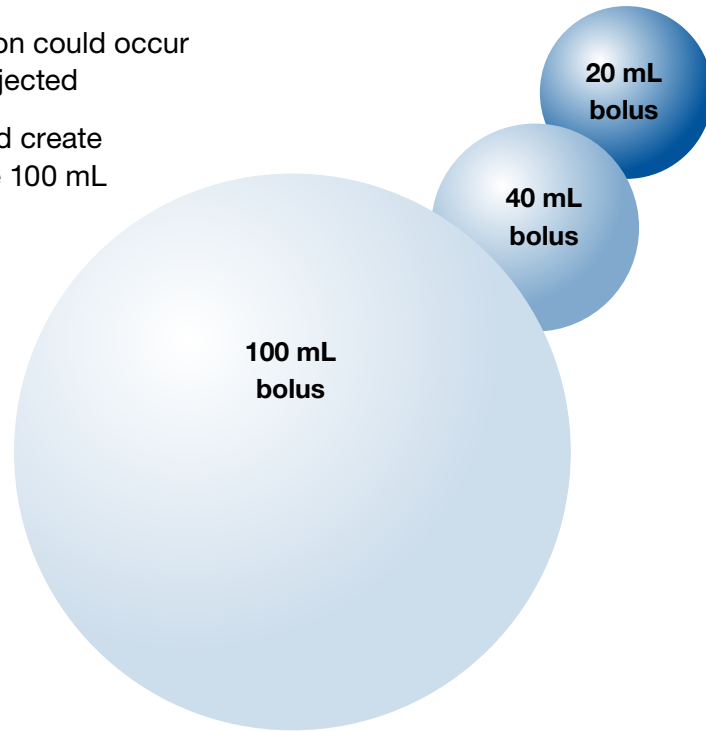
In sync with your need for patient safety

Detecting extravasation is critically important to patient safety during high injection flow rates:

20 mL bolus at 2.0 mL/sec	Extravasation clinically significant, but not yet serious
40 mL bolus at 4.0 mL/sec	Serious extravasation could occur with 40 mL bolus injected
100 mL bolus at 10.0 mL/sec	Maximum rate could create a dangerously large 100 mL extravasation

Suite of advanced capabilities

EDA extravasation detection technology is one of several exclusive integrated, informative and intuitive features of the EmpowerCTA Contrast Injection System designed for optimal workflow and operational lab efficiency.



Contact your local representative to find out more about our advanced line of contrast injector technologies or visit www.acist.com.

ACIST Medical Systems, Inc., a Bracco Group company, is a pioneer and market leader of Advanced Contrast Imaging System Technology in the fields of cardiology and radiology with a global clinical presence in over 40 countries. ACIST Medical Systems is dedicated to helping clinicians provide the best patient care possible, by delivering innovative solutions that aid in obtaining quality images with greater ease and control during every procedure, in every case. ACIST Medical Systems is relentlessly "in pursuit of the perfect image" through continuous research and development of new products and technologies – supporting today's needs and anticipating those of tomorrow.

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In pursuit of the perfect image.