

# Delivering Value: Reducing Angiography Complications and Cost

## Increase Patient Safety



up to **30%** reduction  
in CI-AKI vs. manual injection<sup>1</sup>

CI-AKI incremental cost range:  
\$13,294 to \$14,266<sup>2\*</sup>



~**25%** reduction  
in contrast use without  
compromising image quality  
when comparing 4Fr to 6Fr  
diagnostic procedures<sup>3</sup>

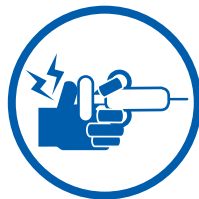
**Bleeding and contrast use**  
were significantly reduced with 5Fr  
catheters compared with 6Fr<sup>4</sup>

## Increase Workplace Safety



up to **50%** reduction  
in clinician radiation exposure  
by stepping back<sup>5,6</sup>

**4X higher skin lesions** reported by  
interventional cardiologists<sup>7</sup>



**49.4%** of  
interventional cardiologists  
have experienced at least  
**one orthopedic injury**<sup>8</sup>

Manual contrast injection may cause  
repetitive stress injuries to the operator's  
hand based on the force required to inject  
contrast and the number of procedures  
performed per day.<sup>9</sup>

## Increase Operational Efficiency



**45mL** decrease  
per case when injector used<sup>10</sup>

Up to **\$0.30/mL** savings in wasted  
contrast media



average **5 min** faster  
per procedure<sup>11</sup>

Time saved may allow for additional  
procedures to be performed in a day<sup>11</sup>

\* P<0.05 ACIST CVi vs. manual injection

## References:

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### Contact us in the US:

ACIST Medical Systems, Inc.  
7905 Fuller Road  
Eden Prairie, Minnesota 55344  
Phone: (952) 995-9300  
Fax: (952) 941-4648  
USA Toll-free: 1-888-667-6648

### Contact us in the EU:

ACIST Europe B.V.  
Argonstraat 3  
6422 PH Heerlen  
The Netherlands  
Phone: +31 45 750 7000

### Contact us in the Japan:

ACIST Japan Inc.  
7F Dainippon-Tosho Otsuka  
Bunkyo-Ku 112-0012  
Phone: +81 369029520

### Website:

[www.acist.com](http://www.acist.com)

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