

Delivering Value: Reducing Angiography Complications and Cost

Increase Patient Safety



up to **30%** reduction
in CI-AKI vs. manual injection¹
CI-AKI incremental cost range:
\$13,294 to \$14,266^{2*}

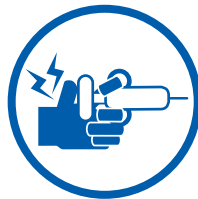


~25% reduction
in contrast use without
compromising image quality
when comparing 4Fr to 6Fr
diagnostic procedures³
Bleeding and contrast use
were significantly reduced with 5Fr
catheters compared with 6Fr⁴

Increase Workplace Safety



up to **50%** reduction
in clinician radiation exposure
by stepping back^{5,6}
4X higher skin lesions reported by
interventional cardiologists⁷



49.4% of
interventional cardiologists
have experienced at least
one orthopedic injury⁸
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.⁹

Increase Operational Efficiency



45mL decrease
per case when injector used¹⁰
Up to **\$0.30/mL** savings in wasted
contrast media



average **5 min** faster
per procedure¹¹
Time saved may allow for additional
procedures to be performed in a day¹¹
* P<0.05 ACIST CVI vs. manual injection

References:

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