



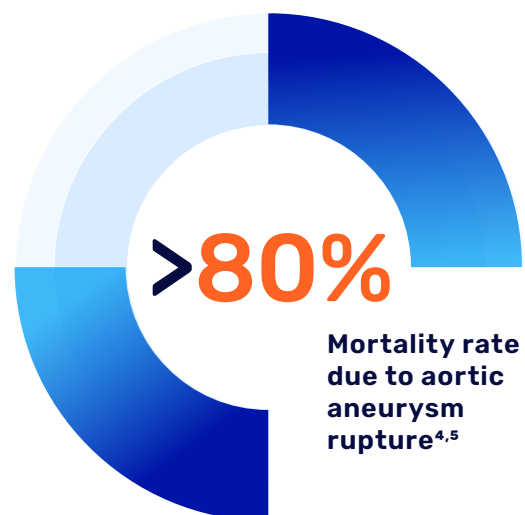
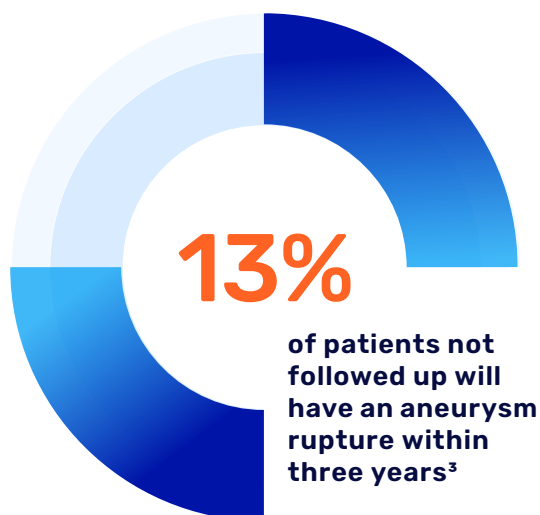
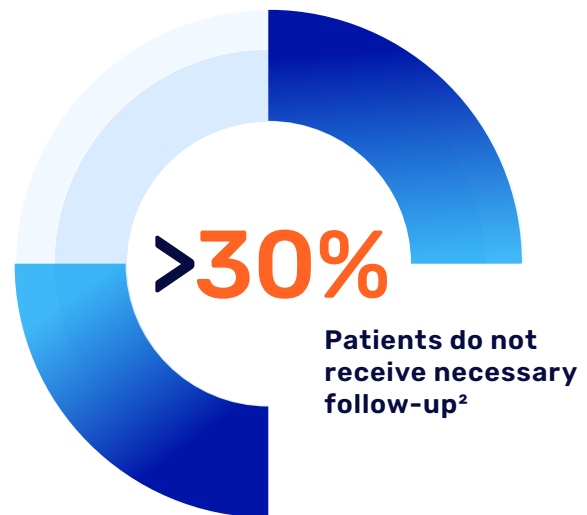
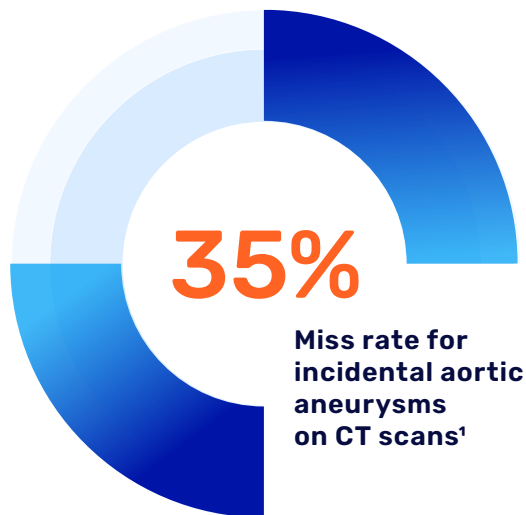
TAKE AORTIC CARE TO THE NEXT LEVEL

Streamline Workflows, Improve Care Coordination
And Ensure Patient Follow-Up



Why Use Artificial Intelligence for Aortic Care?

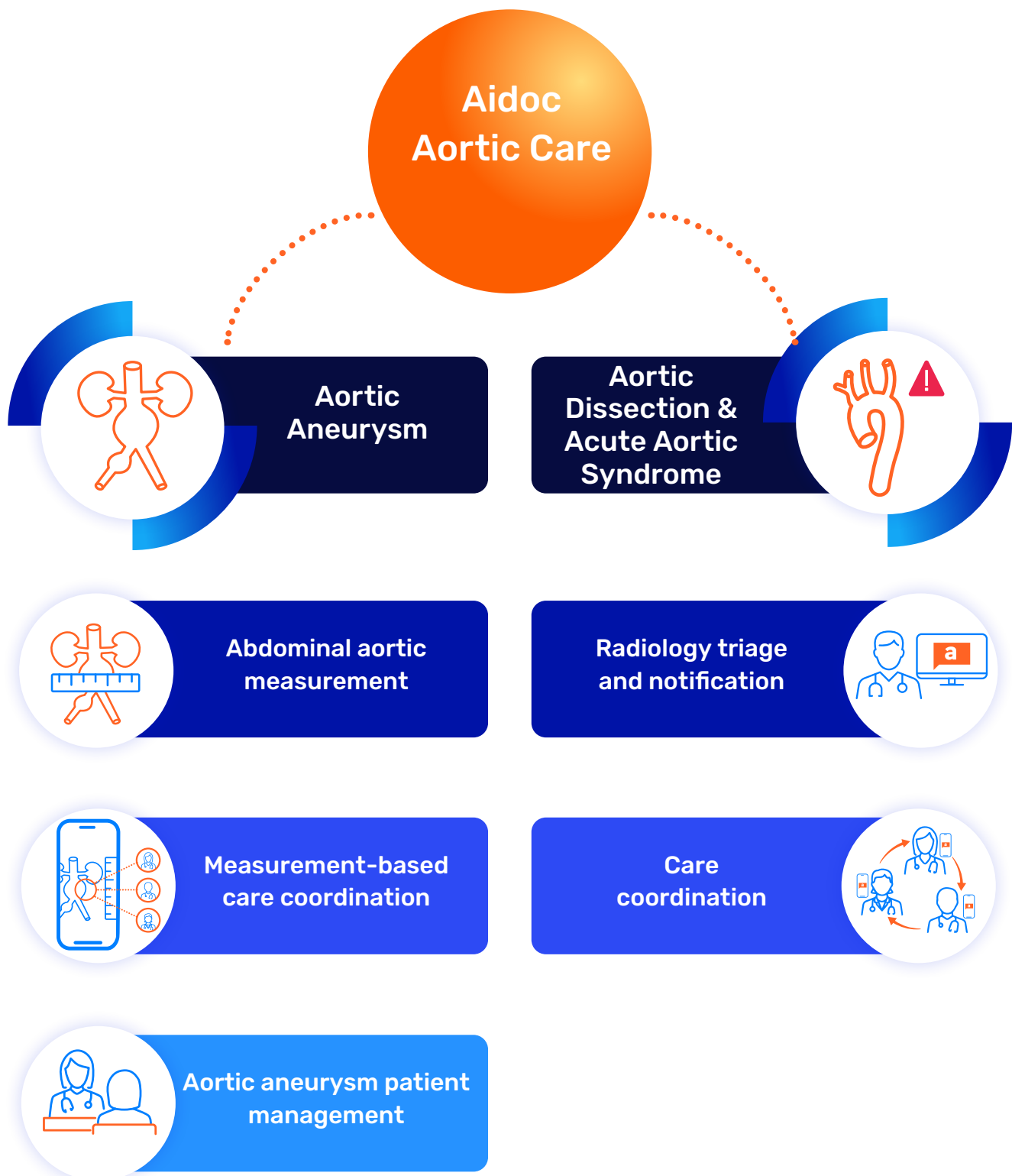
Aortic aneurysms and dissections are often asymptomatic and found incidentally during imaging tests performed for other reasons.



Dealing promptly with aortic conditions before they worsen – potentially causing ruptures or dissections – saves lives. Clinical collaboration, timely access to imaging, accurate measurements and swift interhospital transfers are critical to the diagnosis and management of these diseases.

Elevate Your Aortic Workflows With Artificial Intelligence

Aidoc's Aortic Care package connects all triage, notification, care coordination and patient management tools into a single platform that helps prioritize, coordinate care and ensure follow-up management of aortic pathologies.



Aidoc Aortic Care Benefits

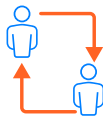
The Aidoc Aortic Care package includes automatic alerts on suspected findings, fast and convenient access to mobile images, customizable, auto-populated EHR data templates and a HIPAA-compliant chat feature. Armed with these tools, care teams can:



Detect and prioritize aortic patients faster



Standardize measurements for consistent findings



Initiate and manage ongoing patient care



Improve follow-ups to prevent patient leakage and optimize revenue



Expedite time-to-treatment

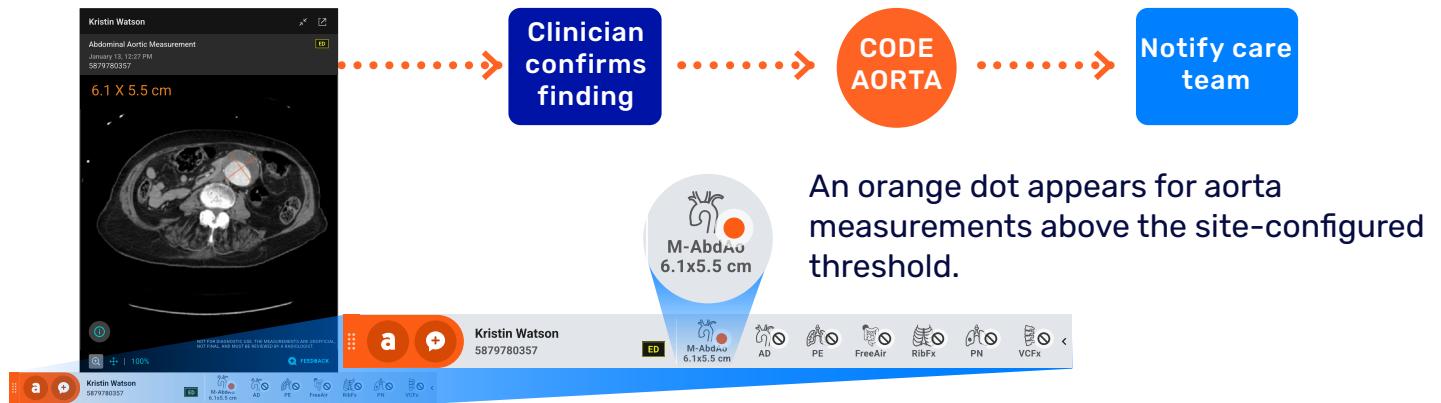


Increase overall interventions



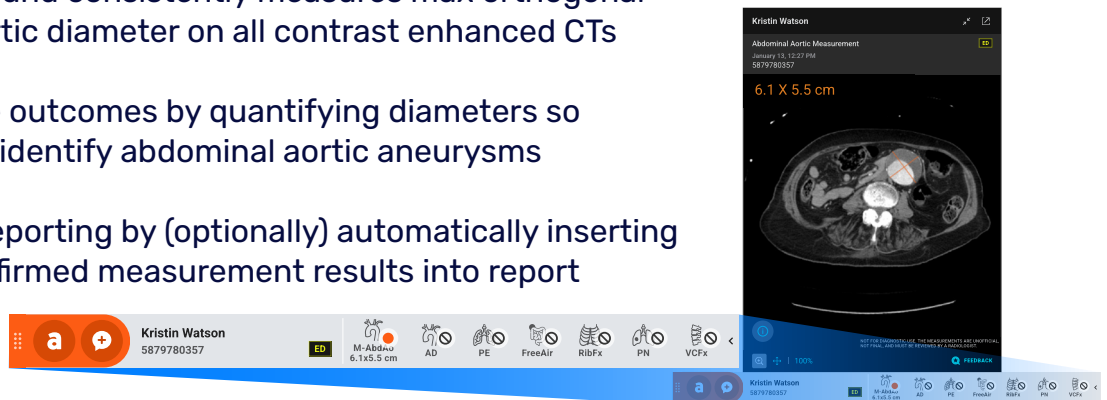
Aortic Aneurysms

Clinical Workflow



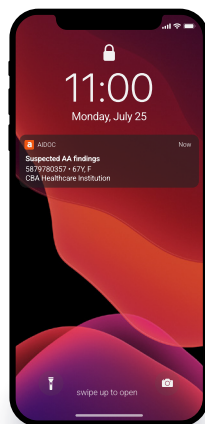
Measurement

- Automatically and consistently measures max orthogonal abdominal aortic diameter on all contrast enhanced CTs
- Helps improve outcomes by quantifying diameters so clinicians can identify abdominal aortic aneurysms
- Streamlines reporting by (optionally) automatically inserting physician confirmed measurement results into report



Notification and Care Coordination

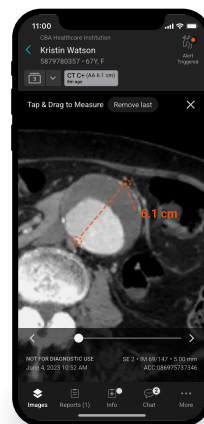
Expedite clinical decision making with radiology approved measurement findings above site configured threshold (e.g. 5cm).



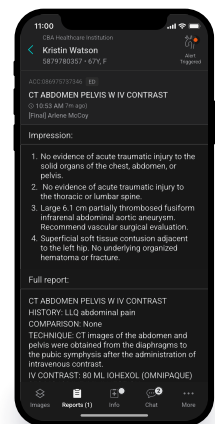
Mobile Notification



Access Imaging



Measure on Mobile



Access Radiology Report and EHR

Aortic Aneurysm Patient Management

Patient management is the safety net, making sure patients requiring follow-up for aortic aneurysms are identified, captured – and followed.

Fully integrated into EHRs and imaging reports, Aidoc's proprietary text-based AI curates a list of patients with confirmed **abdominal and thoracic** aortic aneurysms into a user-friendly, centralized hub for follow-up by nurses and schedulers within specialty clinics.

Improve aneurysm reporting, surveillance and scheduling

The screenshot shows the 'Patient Management' dashboard with a table of patients. The table columns include Patient ID, Name, Age, Gender, AA Location, AA Size (cm), and AA Size (mm). The table lists 10 patients, including Michael Doyle, Jasmine Parker, Terry Thomas, Amanda Sweet, Kent Kelly, Jade Treble, Dominique Walsh, Christine Lindgren, Mark Williams, and Anthony Judge. A filter panel on the right allows filtering by Date, Patient age, Prior reports, Post operation, Referring provider, Reminders, Aneurysm size (mm), AA location, and Patient class.

- View, sort and filter patients with confirmed aortic aneurysm
- Work efficiently with EHR FHIR integration

The screenshot shows the 'Patient Management' dashboard with a detailed report for Jasmine Parker. The report includes a 'Report mention' section with a description of the aortic aneurysm, a 'Full report' section with clinical history, technique, findings, and impression, and a 'Prior reports' section with a list of previous reports.

- Access imaging report within dashboard
- Review clinical information and radiologist impressions

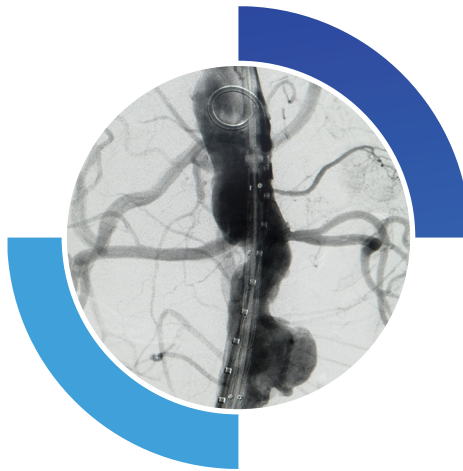
The screenshot shows the 'Patient Management' dashboard with a longitudinal aneurysm growth curve for Jasmine Parker. The graph plots 'SIZE (CM)' on the y-axis (0 to 10) against 'TIME' on the x-axis (June 2018 to Jan 2023). The curve shows a steady increase in size from approximately 4.7 cm in June 2018 to 6.7 cm in Jan 2023.

- View longitudinal aneurysm growth curve

Impact of AI on Abdominal Aortic Aneurysm

Improved Patient Evaluation and Follow-Up⁶

- ↑ **~2X more** AAA clinic evaluations
- ↑ **14% increase** in interventions
- ↓ **~75% reduction** in time from index imaging to evaluation
- ↓ Time to repair **decreased from 270 days to 58 days**
- ↓ Aneurysm rupture rate **reduced by 62% from 1.3% to 0.5%**



"Aidoc's comprehensive patient management platform has transformed our approach to patients with AAA. This technology has truly bridged the gap between radiologic findings and patient care, allowing us to provide timely and effective treatments."

Edouard Aboian, MD

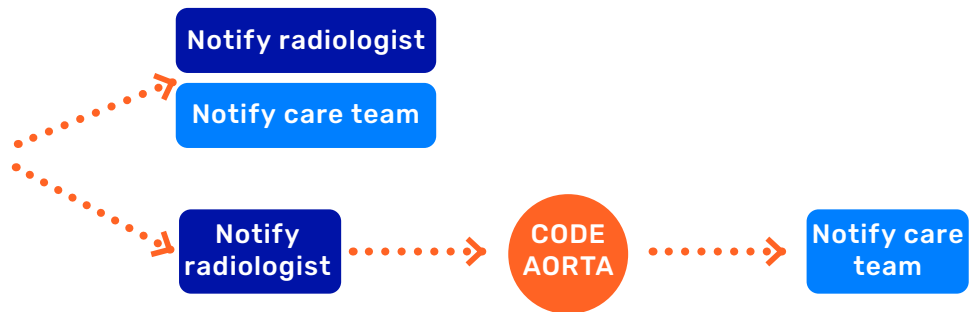
Assistant Professor of Vascular Surgery at Yale School of Medicine

Aortic Dissection & Acute Aortic Syndrome

Site Configurable Workflow Options

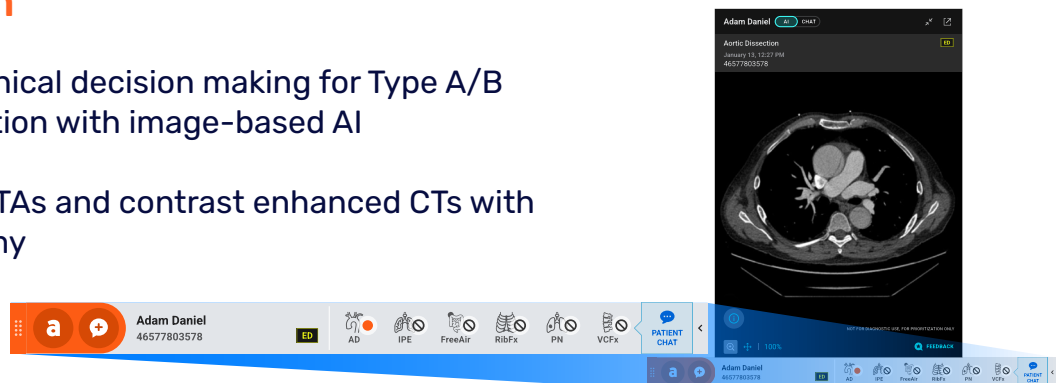


Positive Aortic Dissection

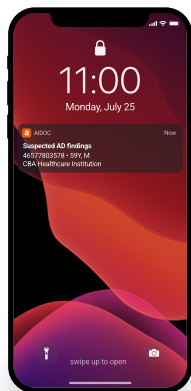


Notification

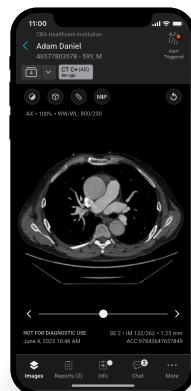
- Expedited clinical decision making for Type A/B aortic dissection with image-based AI
- Runs on all CTAs and contrast enhanced CTs with aortic anatomy



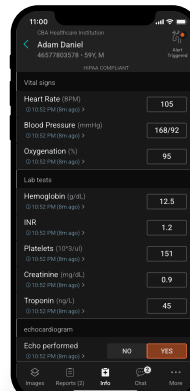
Care Coordination



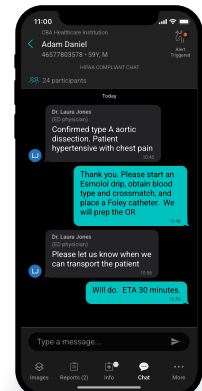
Radiologist activated workflow for high quality alerts



Access imaging series and radiologic reports for a full view*



Remote access to EHR data for case complexity and treatment assessment

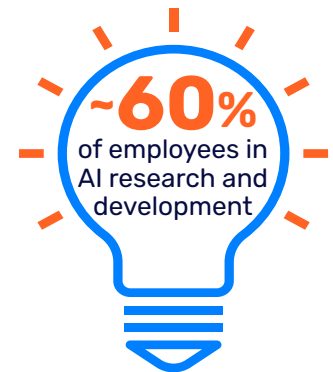
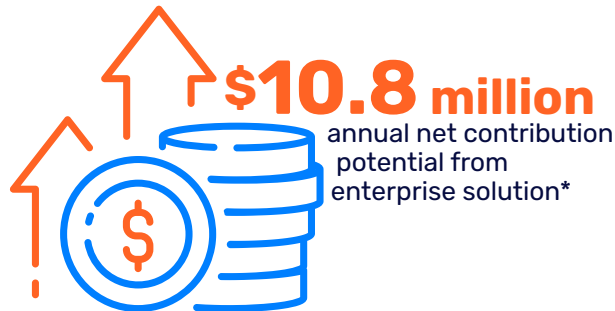
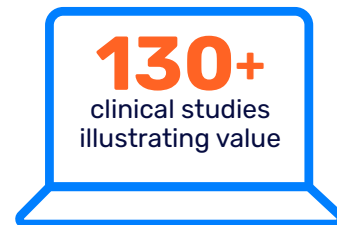


HIPAA-compliant chat

*Meant for informational purposes only and not intended for diagnostic use beyond notification

The Aidoc Difference: Always On for Patient Outcomes

Aidoc empowers care teams to streamline workflows to support accelerated, collaborative and accurate decision-making. Our AI-powered and AI-enabled solutions help breakdown silos that are barriers to improved patient outcomes, clinical efficiency and economic value for healthcare systems. A pioneering force in clinical AI since 2016, Aidoc has one of the largest install bases in the industry and is regularly recognized for groundbreaking innovations, including the enterprise aiOS™ platform.



This is an example calculation assuming a 1k bed health system with 25% net contribution margin. Payor mix of private/self pay/other 67%; Medicare/Medicaid 28%; and no pay 5%. To understand the potential ROI for your facility, please reach out to Aidoc to understand how we can provide a customized calculation for you.



"It's important for surgeons to have the best available tools to quickly identify and treat acute aorta patients. Aidoc's acute aorta solution assesses every scan for acute aortic dissection and triages the positive cases, enables efficient communication and expedites workflows so specialists can collaborate for multidisciplinary decision-making to optimize timely care."

James McKinsey, MD

System Chief for Aortic Intervention at Mount Sinai Healthcare System and
Surgical Director of the Jacobson Aortic Center



Aidoc is a pioneering force in clinical AI.

We focus on aiding and empowering healthcare teams to optimize patient treatment, which results in improved economic value and clinical outcomes.

Since 2016, Aidoc's clinically proven AI solutions have eliminated silos, increased efficiencies and improved outcomes by delivering critical information when and where care teams need it - leading to immediate collective action.

Powered by Aidoc's exclusive aiOS™, we analyze and aggregate medical data to enable care teams to operationalize the unexpected and work seamlessly with a continued focus on the patient.

Aidoc AI is always on, running in the background to change the foreground.

References:

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