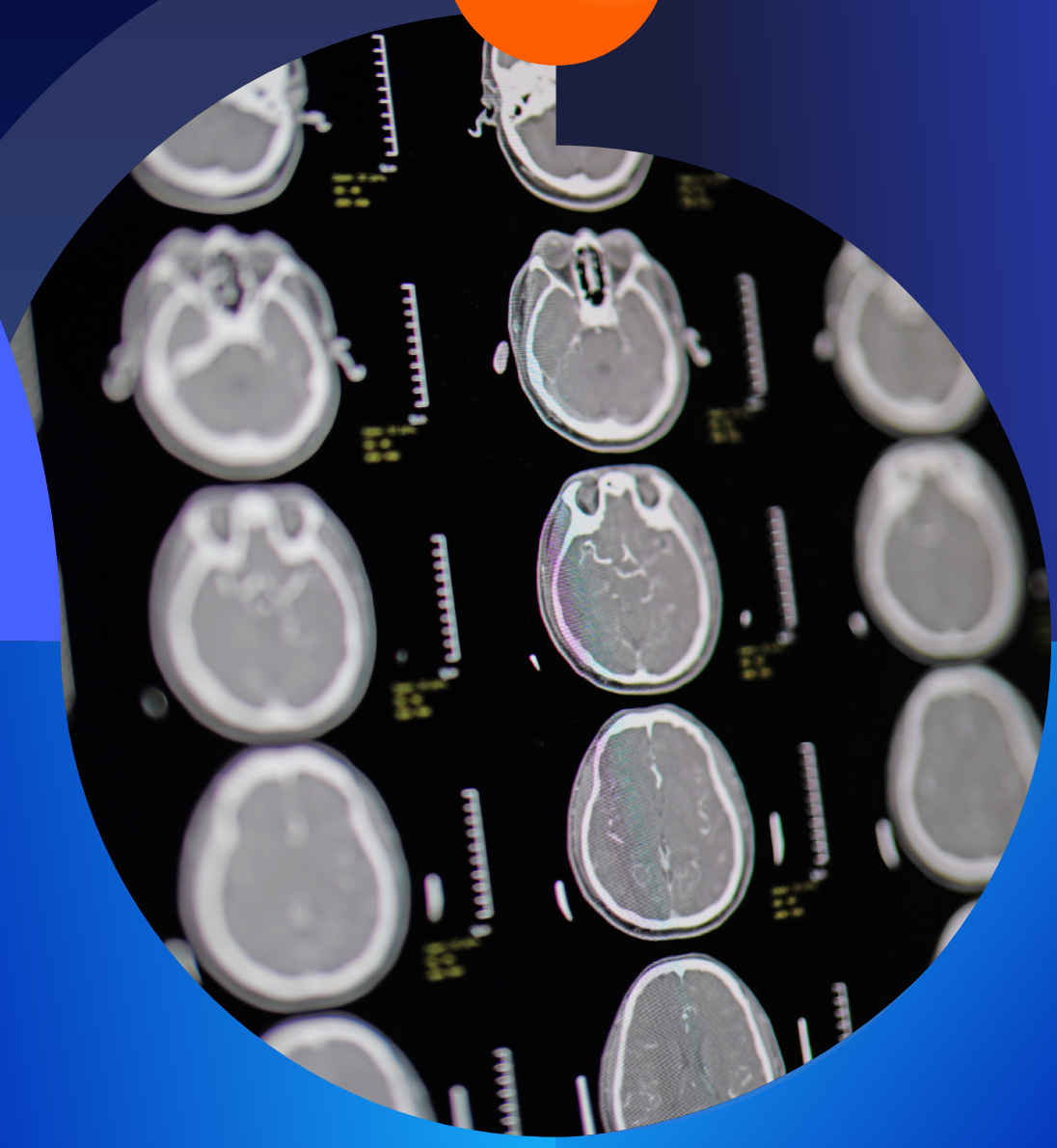
aidoc

BRAIN ANEURYSM AI SOLUTION

A Comprehensive Approach
to Brain Aneurysm Patient Management



A New Standard for Brain Aneurysm Care

Unruptured brain aneurysms are often asymptomatic and found incidentally, during imaging tests performed for other reasons.

17%[1] Miss rate for incidental brain aneurysms on CTA scan

25-50%[2] Patients do not receive necessary follow-up

50%[3] Mortality rate of subarachnoid hemorrhage due to brain aneurysm rupture

Aidoc's Brain Aneurysm Solution employs diverse artificial intelligence technologies such as image-based identification for triage and text-based AI insights for patient management to identify and orchestrate care for patients in need.

Aidoc's solution helps neurointerventionalists, radiologists and care teams **identify incidental brain aneurysms and ensure continuation of long-term care** through our innovative patient management dashboard.

Using AI Along the Patient Journey

Find Suspected Brain Aneurysms

Enhance triage with image-based AI that runs on all CTA scans regardless of protocol.

Capture Only True Positives

Text-based AI reviews radiology reports and extracts only positive aneurysm cases for follow-up

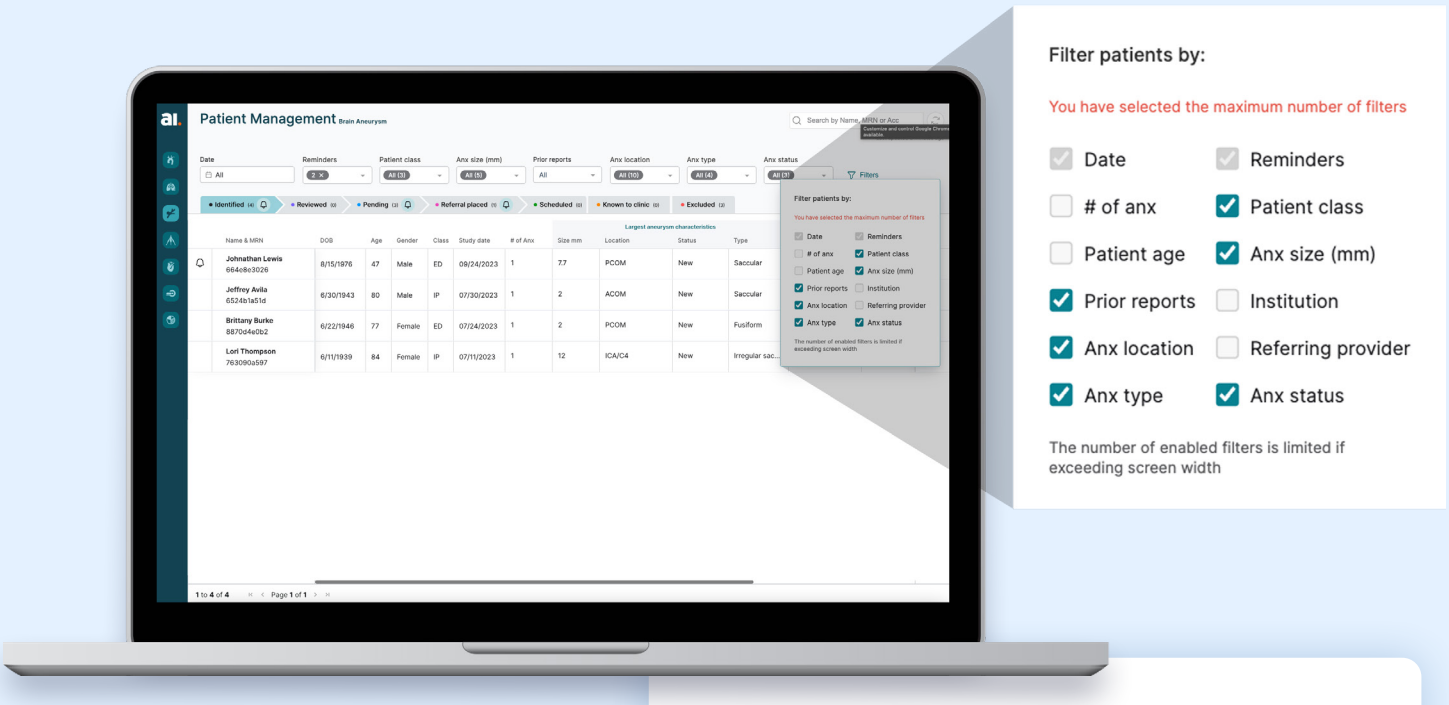
Automate Brain Aneurysm Patient Follow-up

Reduce known aneurysm patient leakage, resulting in better long term patient care and clinic volume retention

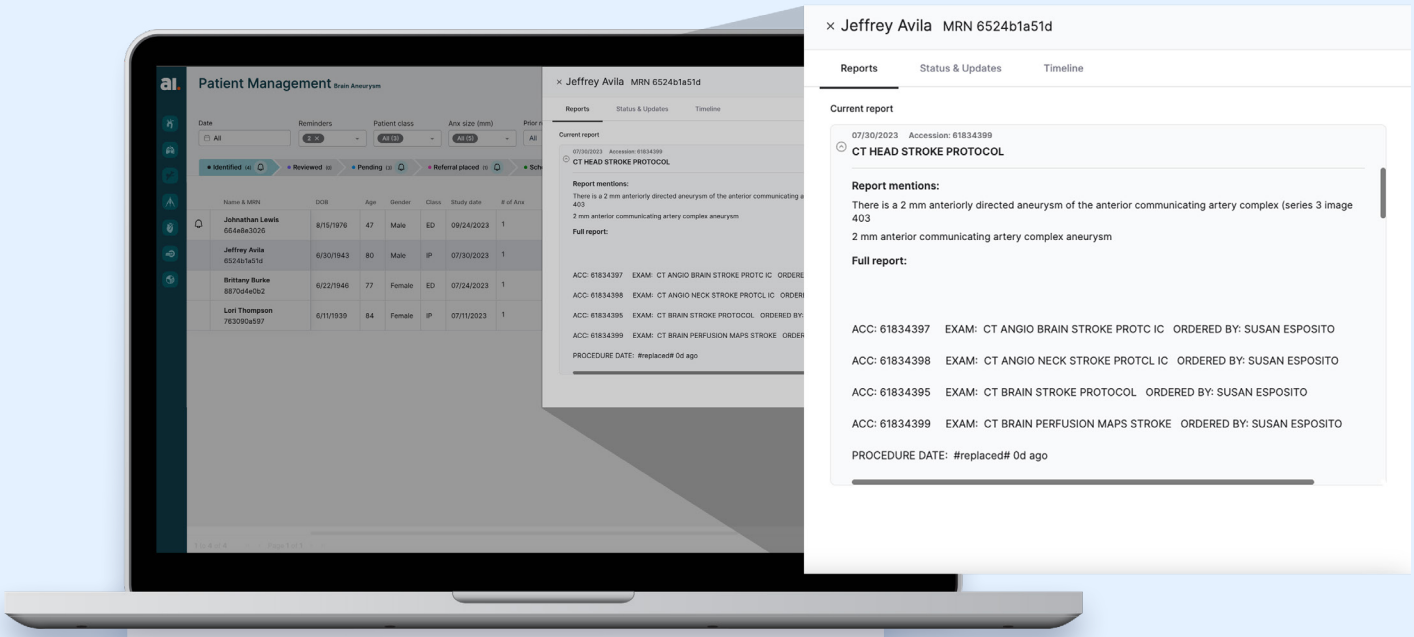
Aidoc Patient Management Solution

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

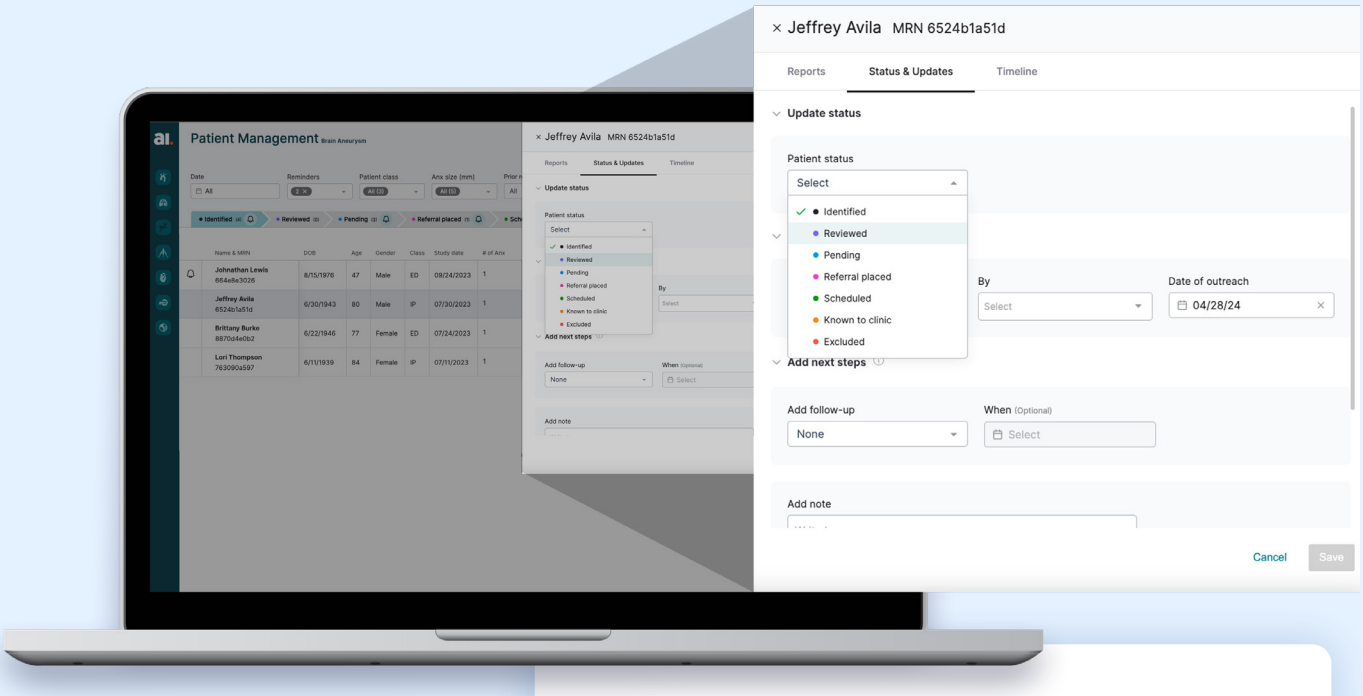
The solution uses text-based AI to mine the radiology report searching for confirmed findings. For each confirmed finding, we review the EHR, assess risk by analyzing relevant clinical factors, and facilitate follow-up. Notifications are sent to nurses and schedulers in specialty clinics, prompting them to connect with primary care providers or patients directly to schedule office visits effortlessly.



- View patients in a sortable and filterable list with confirmed brain aneurysms.
- Work efficiently with EHR clinical context using Aidoc's FHIR integration.



- Access patient radiology reports within dashboard.
- Review clinical information and radiologist impression.



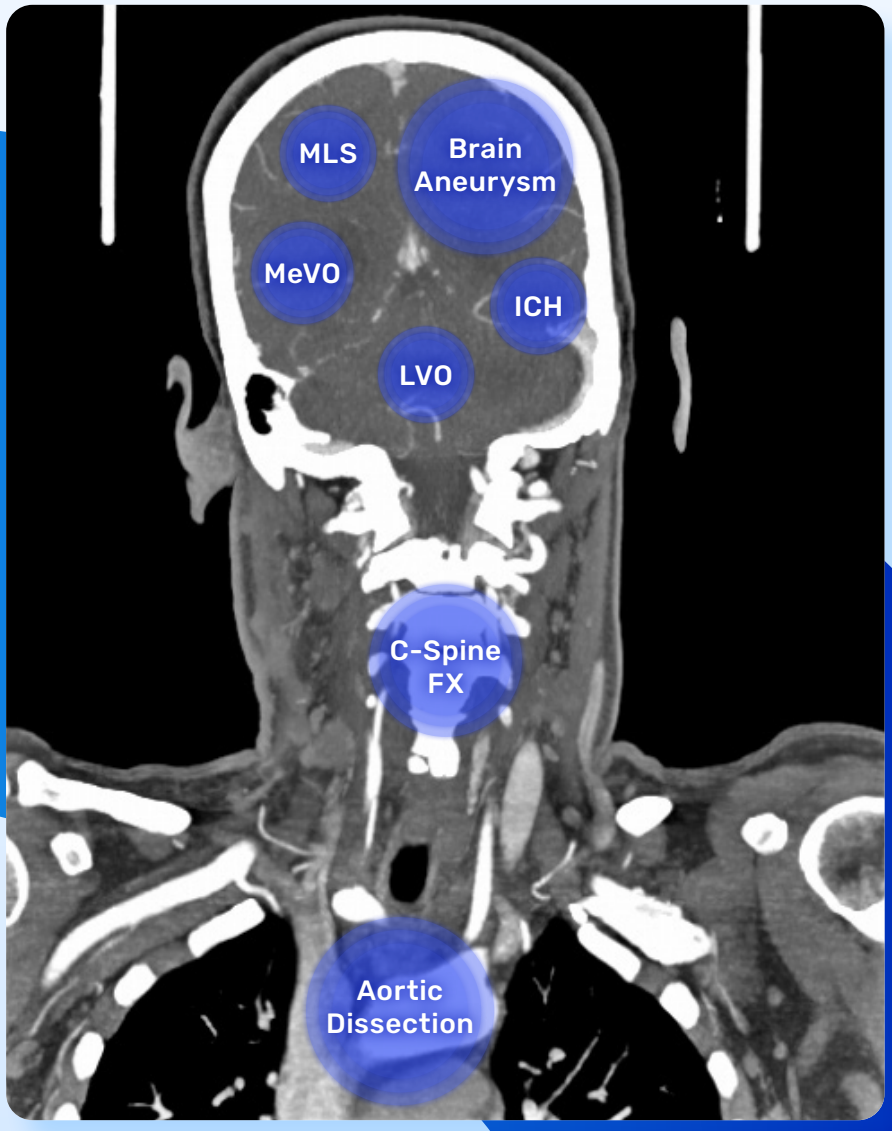
- Move patients along care path to ensure continuation of care and follow-up.

Enhancing Brain Aneurysm Triage With Aidoc

Aidoc uses image-based AI to identify suspected brain aneurysms on CTA scans and empower care teams and physicians to improve aneurysm triage.

Image-Based AI Orchestrator

aiOS™ automatically deploys all appropriate algorithms based on anatomy present to capture both the expected and unexpected.



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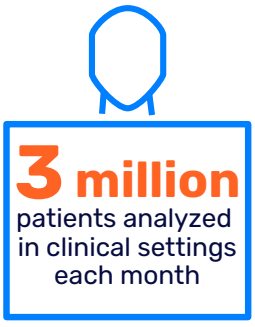
THE AIDOC DIFFERENCE: ALWAYS ON FOR PATIENT OUTCOMES

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.

Used in more than **1000+** medical centers

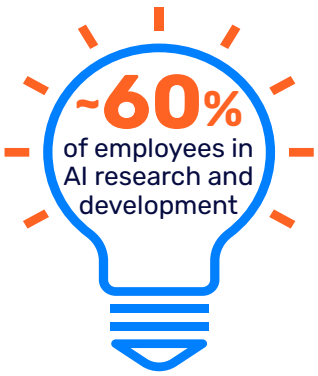
Market leader in FDA clearances **(17)**

130+ clinical studies illustrating value



3 million patients analyzed in clinical settings each month

$10.8 million annual net contribution potential from enterprise solution*



~60% of employees in AI research and development

*This is an example calculation assuming a 1k bed health system with 25% net contribution margin from additional admissions (DRG codes), captured follow-up ambulatory imaging and procedures (CPT/HCPCS codes) and inpatient length of stay (cost reduction). 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.

"AI has shown remarkable success in enhancing workflow for patients with anterior LVOs, nearly halving the time to treatment. However, this is just the beginning.With Aidoc's Full Brain Solution, we can now broaden these advancements to benefit a significantly larger patient population, leading to improved care and ultimately better patient outcomes."

Brian Mason, MD
Senior NeuroEndovascular Surgeon and Associate Professor
Carle Foundation

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.

Used in more than 1.000 medical centers worldwide, Aidoc has the most FDA clearances (17) in clinical AI and its AI-based solutions cover 75 percent of patient populations, enabling physicians to make informed decisions based on real-time data.

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

References:
1. American Journal of Roentgenology. Volume 189, Issue 4. October 2007. Pages: 898 - 903. https://doi.org/10.2214/AJR.07.2491. 2. AJNR Am J Neuroradiol. 2007 Oct; 28(9): 1755–1761. doi: 10.3174/ajnr.A0649. 3. Subarachnoid hemorrhage: who dies, and why? Crit Care. 2015 Aug 31;19(1):309. doi: 10.1186/s13054-015-1036-0. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4556224/ 4. Case courtesy of Ahmed Abdrabou, https://radiopaedia.org/.
From the case https://radiopaedia.org/cases/57592.