Viz.ai

Viz™ Neuro Suite

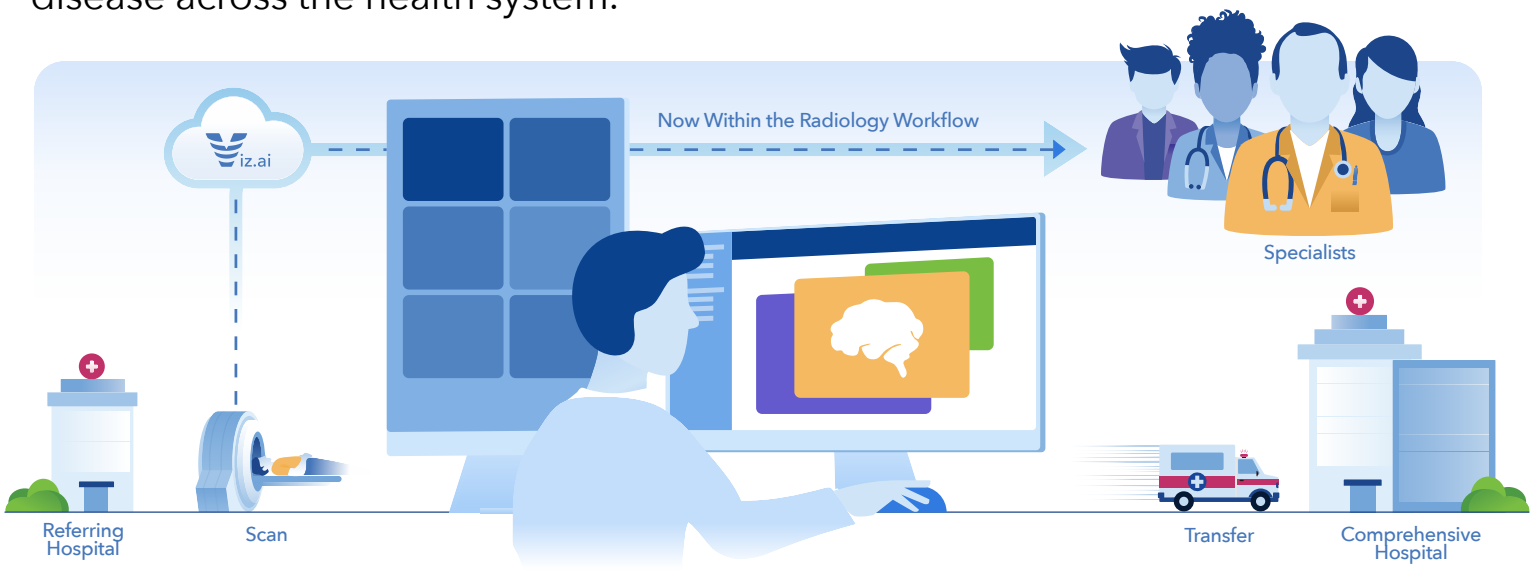
AI-Powered LVO, ANEURYSM, ICH and SUBDURAL Care Coordination

PRM 0356 US Rev 03
Viz Neurovascular Portfolio

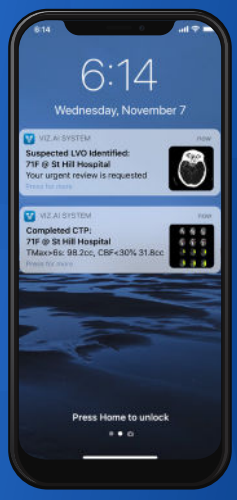
Viz.ai

Synchronize care

With Viz.ai, every member of the on-call care team can be alerted of suspected disease across the health system.

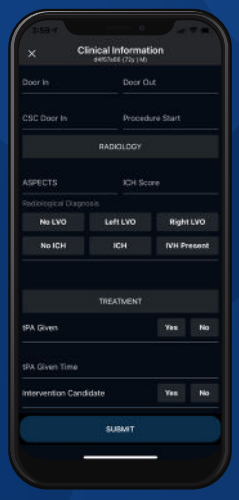


The Pillars of Intelligent Care Coordination

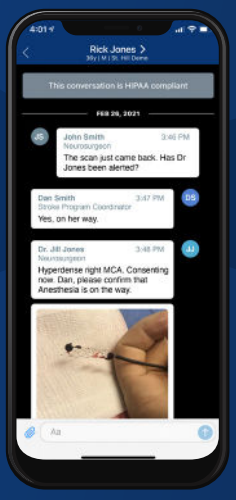


AI Powered Alerts

Hyperfast Imaging with 3D



Real Time Patient Information



Secure, Compliant Communication

Available in over **1,300** hospitals across the US and Europe

Viz.ai

The most comprehensive Neurovascular portfolio

Flagship Stroke Care Coordination Portfolio

Viz™ LVO

- Reduce DIDO and DTG times

Viz™ CTP

- Equivalent treatment decisions with up to 50% fewer motion artifact than similar solutions

Additional Neurovascular products on the proven Viz platform

Viz™ ANEURYSM

- Automatically detects aneurysm in the background
- Aneurysm Clinic button to easily schedule follow-up

Viz™ ICH

- Automatically detects all types of ICH on NCCT
- Alerts the on-call team within minutes to efficiently manage ICH transfers

Viz™ SUBDURAL

- Automatically detects suspected acute and chronic SDH
- Facilitates early treatment pathways.

Best-in-class artificial intelligence

Validated in multiple centers with REAL WORLD studies.[1]

Algorithm	Sensitivity	Specificity
LVO[1]	96%	94%
ICH[2]	85%	99%
ANEURYSM[3]	94%	94%
SUBDURAL[4]	91%	96%

[1] Shalitin, Ofir, and Neta Sudry. n.d. "AI-Powered Stroke Triage System Performance in the Wild." Openaccessjournals.Com. Accessed April 19, 2021. https://www.openaccessjournals.com/articles/aipowered-stroke-triage-system-performance-in-the-wild-14351.html

[2] Matsoukas S et al, Pilot Deployment of Viz–Intracranial Hemorrhage for Intracranial Hemorrhage Detection: Real-World Performance in a Stroke Code Cohort, Stroke. 2022;53:e418–e419 https://www.ahajournals.org/doi/10.1161/STROKEAHA.122.039711

[3] manuscript submitted for publication, data on file at Viz.ai

[4] Colasurdo M et al. Automated Detection and Analysis of Subdural Hematomas With the Viz.ai SDH Algorithm, JNS 2022, https://thejns.org/view/journals/j-neurosurg/aop/article-10.3171-2022.8.JNS22888/article-10.3171-2022.8.JNS22888.xml

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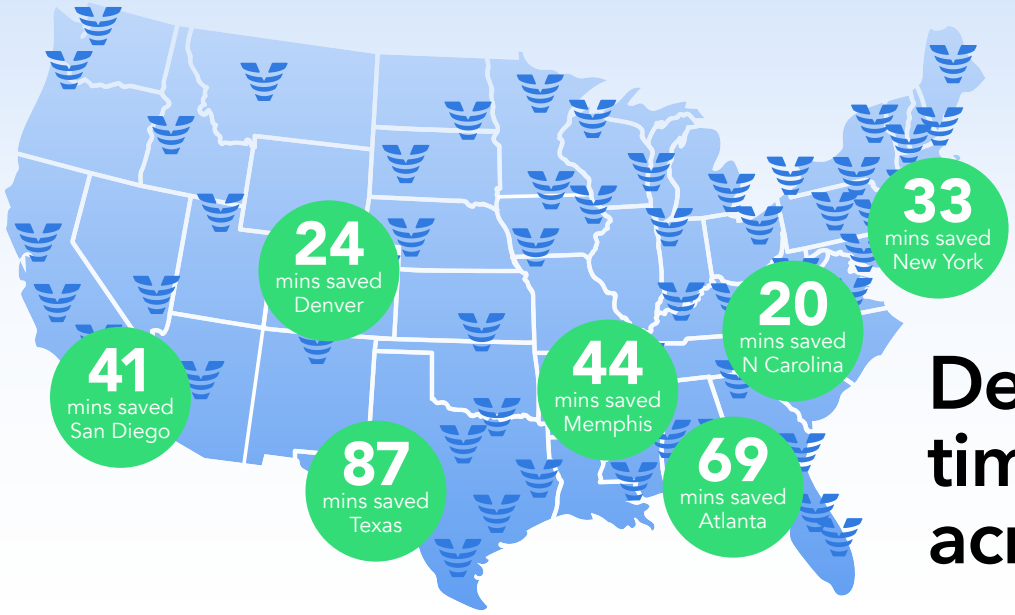
A clinically validated platform

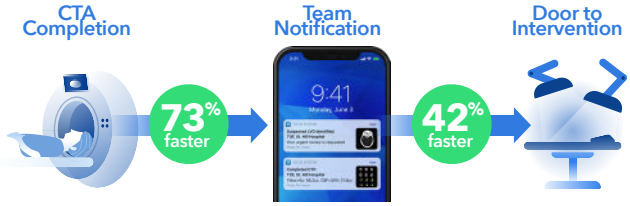


Demonstrated time savings across the US

1 Elijovich L, et al Automated emergent large vessel occlusion detection by artificial intelligence improves stroke workflow in a hub and spoke stroke system of care https://jnis.bmj.com/content/early/2021/08/19/neurintsurg-2021-017714 2 Whaley M, et al. Use of Artificial Intelligence Shows Significant Reduction in Door to Skin Puncture Times at a Stroke Center. Sky Ridge Regional Medical Center. 2020. [Preliminary Analysis] 3 Hassan, A et al. Artificial Intelligence-Parallel Stroke Workflow Tool Improves Reperfusion Rates and Door-In to Puncture Interval https://doi.org/10.1161/SVIN.121.000224 Stroke: Vascular and Interventional Neurology. 2022;2:e000224 4 Morey et al, Initial Real World Ecperience with Viz LVO in Transferred LVO Stroke patients. https://www.ahajournals.org/doi/10.1161/str.52.suppl_1.P129 5 Strauss, et al. Reduction of Door-In Door-Out Times with Viz LVO at Piedmont Healthcare. 2020. [Preliminary Analysis] 6 Eskioglu, et al. Reduction of Door to Needle Times with Viz LVO at Novant Health. 2020. [Preliminary Analysis] 7 Figurelle, et al ISC 2022 Poster P84: (VISIION): Viz.ai Implementation Of Stroke Augmented Intelligence And Communications Platform To Improve Indicators And Outcomes For A Comprehensive Stroke Center And Network https://www.ahajournals.org/doi/10.1161/str.53.suppl_1.WP84

Time saved drives improved outcomes

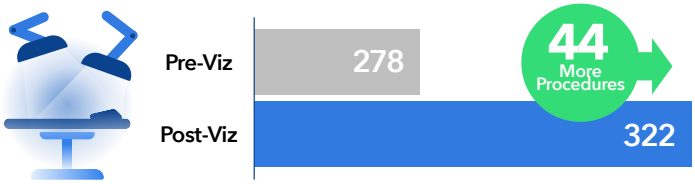
Accelerate treatment decisions[1]



[1] Hassan et al, Artificial Intelligence-Parallel StrokeWorkflow Tool Improves Reperfusion Rates and Door-In to Puncture Interval, I Stroke Vasc Interv Neurol. 2022;2:e000224. DOI: 10.1161/SVIN.121.000224

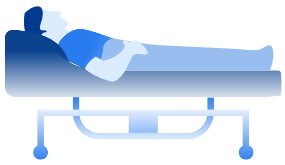
Increase Access to Care

16% Increase in the number of procedures[2]



[2] Frei D, et al. How Viz Has Improved My Practice. Stroke Webinar 2020.

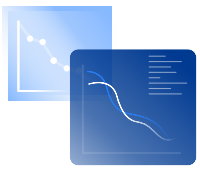
Reduce Length of Stay[3]



↓2.5
Day Reduction in Hospital LOS

[3] Hassan, A et al. Early Experience Utilizing Artificial Intelligence Shows Significant Reduction in Transfer Times and Length of Stay in a Hub and Spoke Model https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7645178

Better Clinical Outcomes[4]



	Without Viz	With Viz	%Change
5-Day NIHSS	17.9	12.1	-32%
Discharge mRS	3.9	3.3	-15%
90-Day mRS	4.3	3.3	-23%

[4] Morey A, et al. Cerebrovasc Dis 2021;50:450-455, DOI: 10.1159/000515320.

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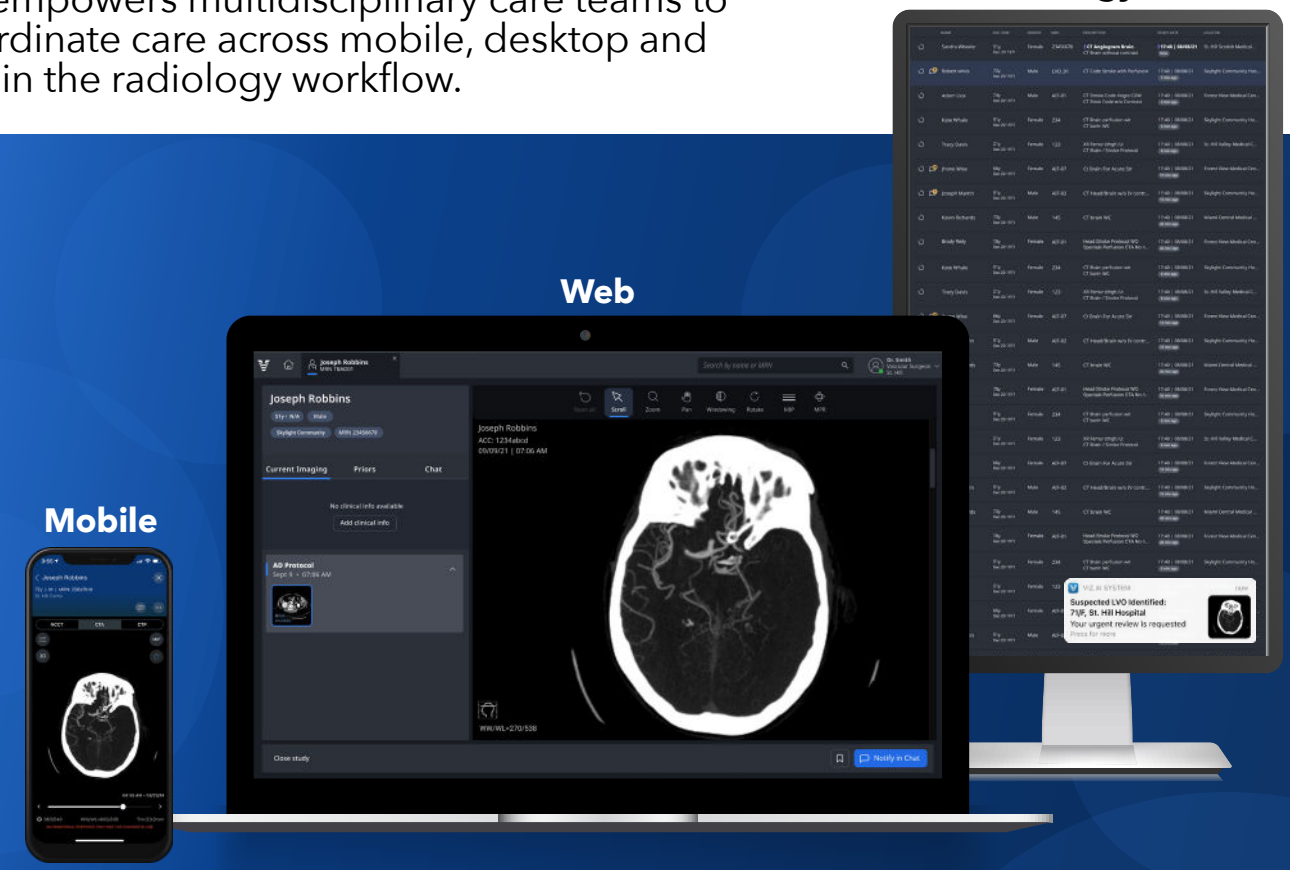
One platform, wherever you need it

Viz empowers multidisciplinary care teams to coordinate care across mobile, desktop and within the radiology workflow.



Accelerate treatment decisions across devices

73% faster CTA-to-team notification[1]

Best in class AI, pre-PACS solution

Alerts minutes faster than conventional AI

Access to imaging beyond your PACS

Embedded in your workflow

Alerts in workflow for Radiology

Ability to view Viz image in PACS for reference and documentation (Back to PACS)

HIPAA Compliant

AWS Well-Architected

CSA Certified

ISO Certified

NIST Compliant

SOC 2® Type II Certified

[1] Elijovich L, DornbosIII D, Nickele C, et al. J NeuroIntervent Surg Epub ahead of print. doi:10.1136/ neurintsurg-2021-017714

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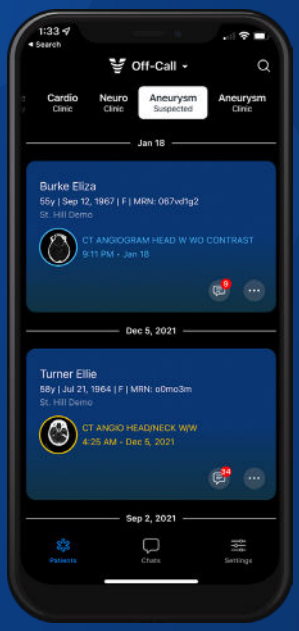
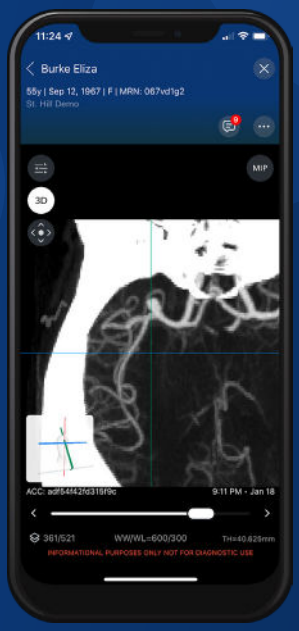
Viz ANEURYSM

Benefits:

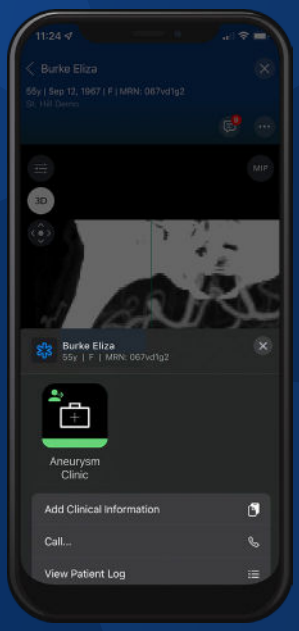
Optimize the workflow to **develop a patient plan BEFORE the patient is discharged**



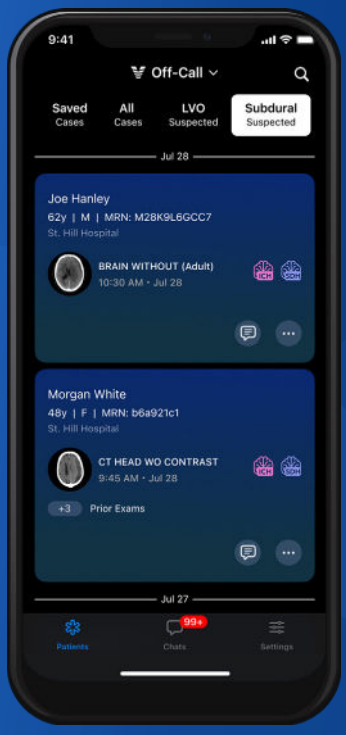
Aneurysm Suspected List (4 mm or greater)



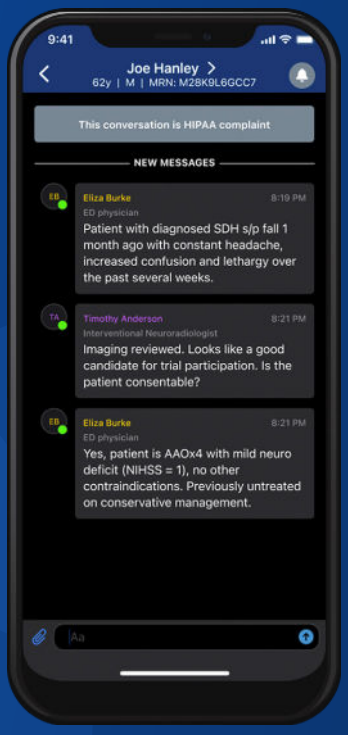
Hyperfast 3D mobile image viewer



Aneurysm Clinic button to easily schedule patients for follow-up



Automatic real-time detection of acute and chronic SDH



Secure compliant communication to coordinate care

Viz SUBDURAL

Benefits:

Efficiently coordinate care to identify early treatment pathways.

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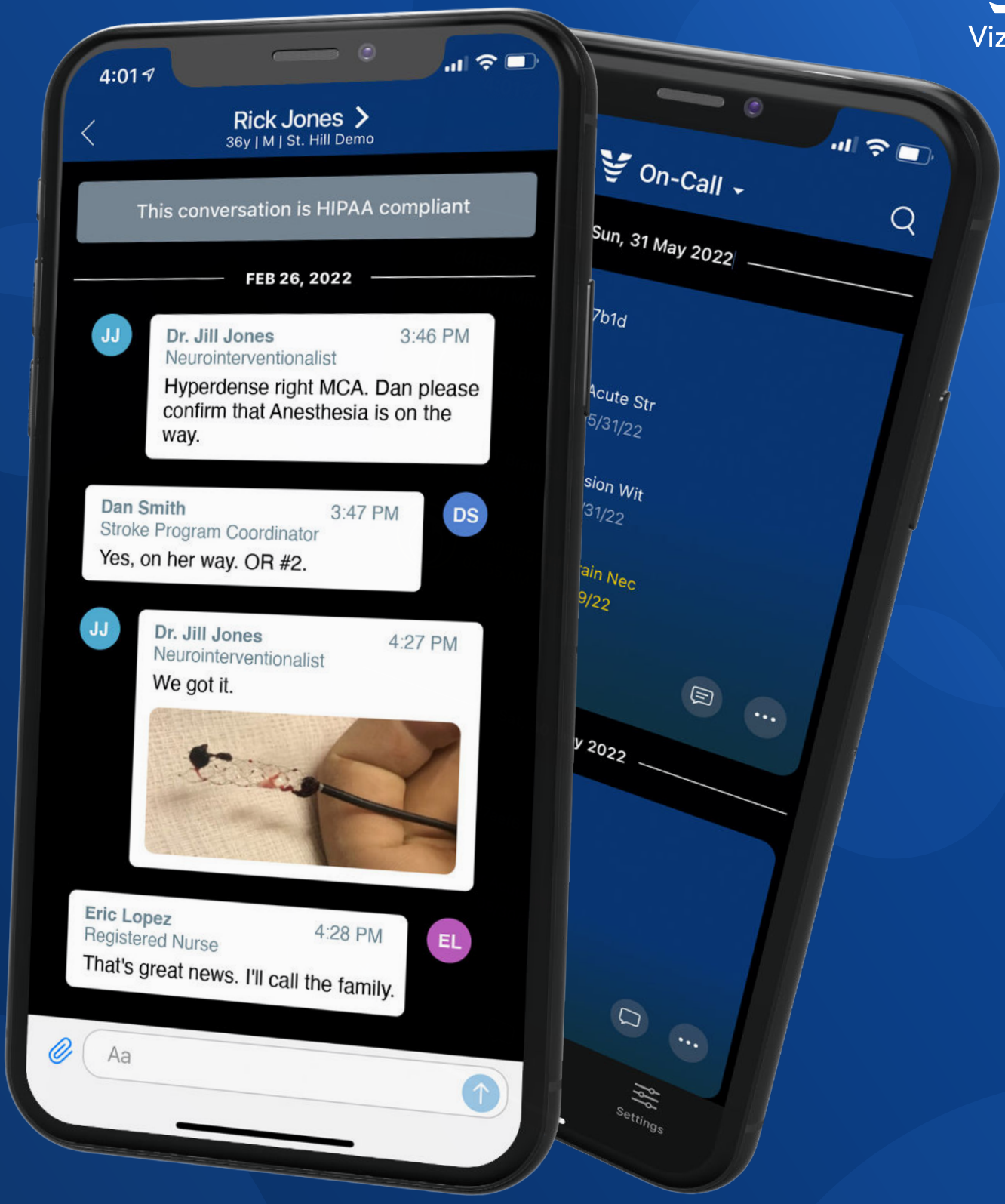

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