

EMS In Motion

Connecting Medical Professionals with First Responders



Introductions



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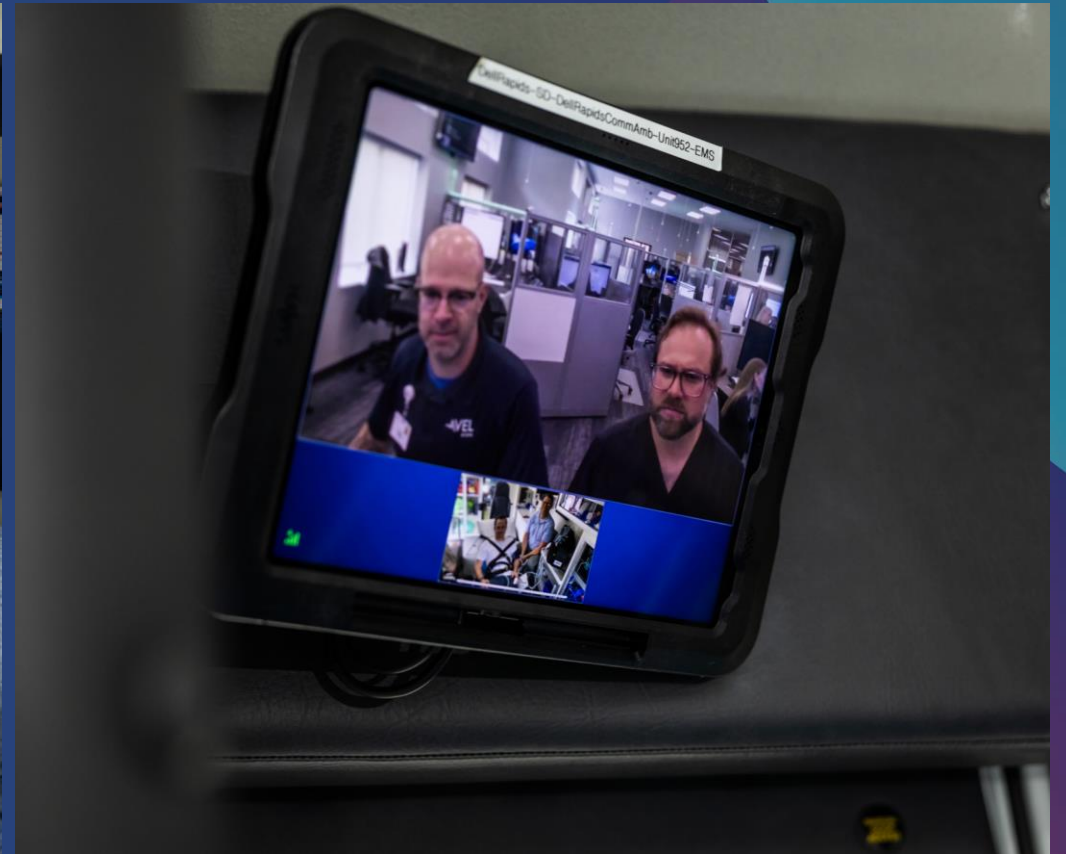
Lisa M. Rogers, MS, MPH
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Translational Center for
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University of Minnesota



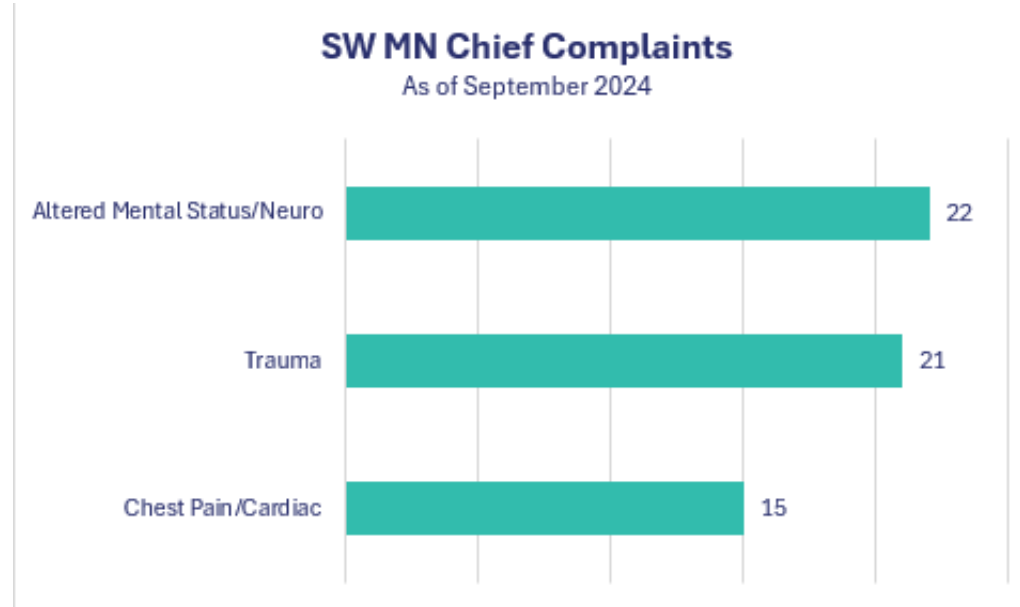
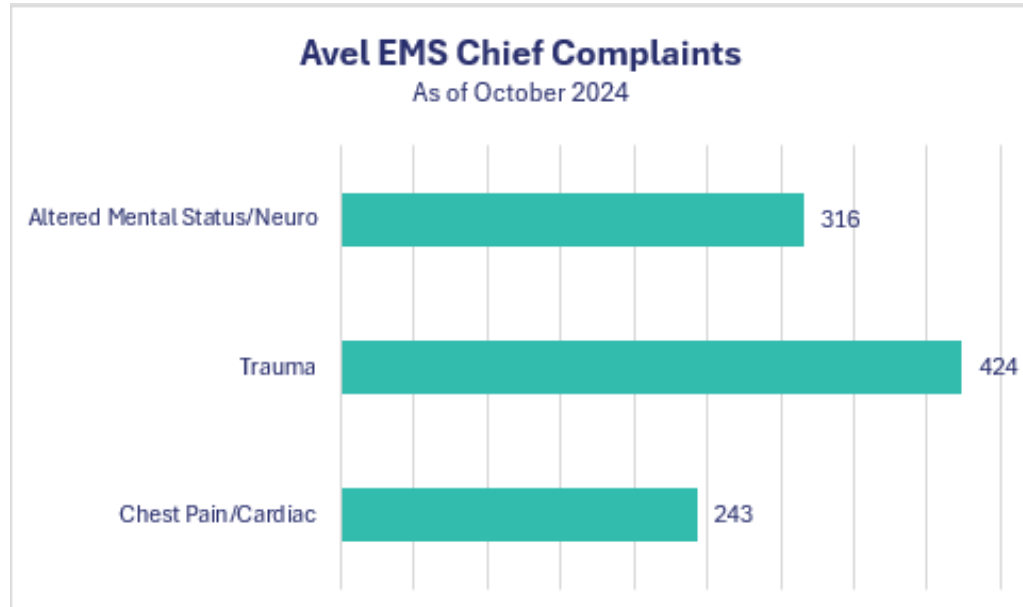
How Did We Get Here?



How it Works



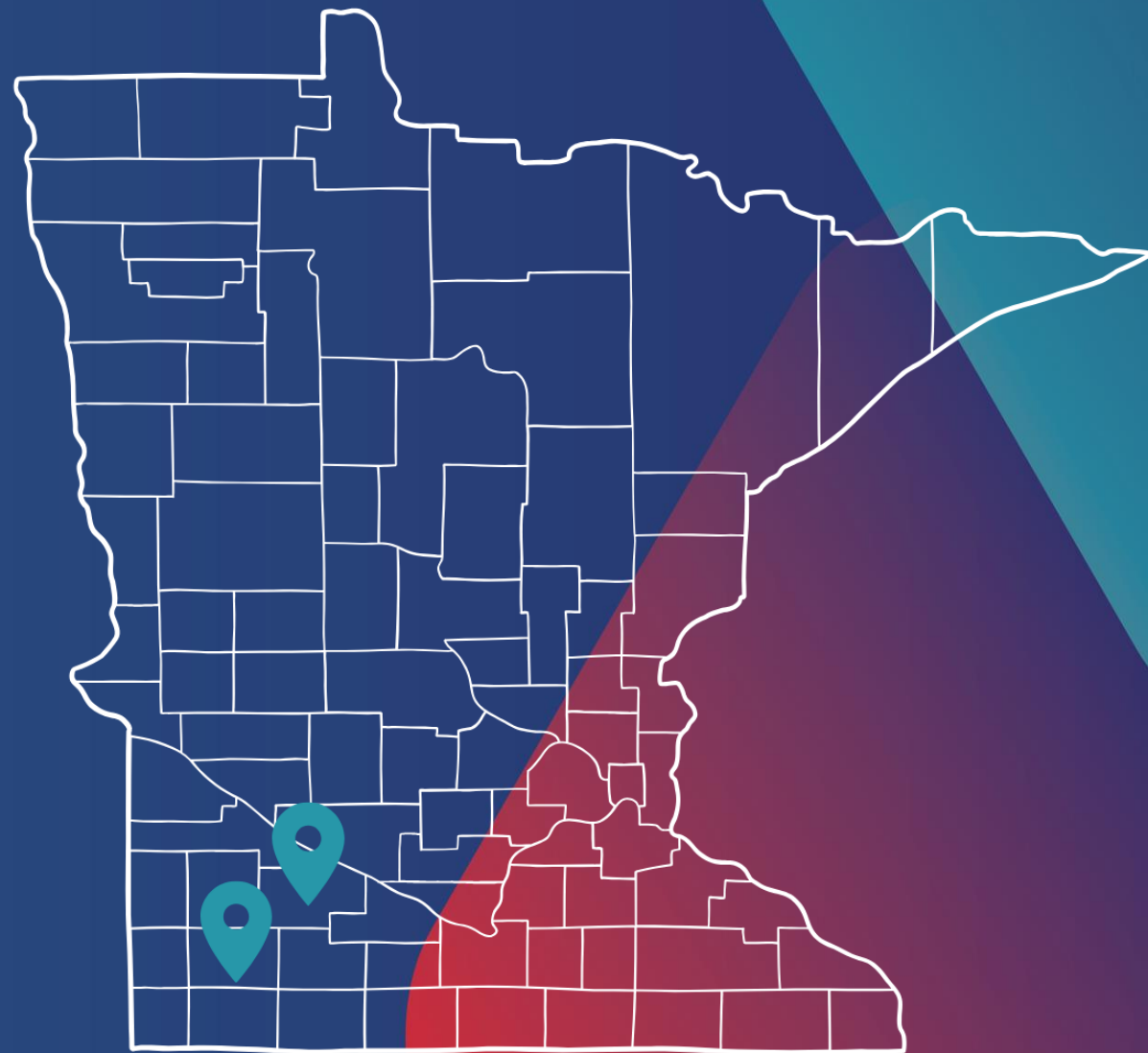
Avel Partnership Outcomes



1800+ Encounters for
all Avel EMS sites

96+ Encounters in
Minnesota

Avel Pilot Sites: Murray County & Wabasso

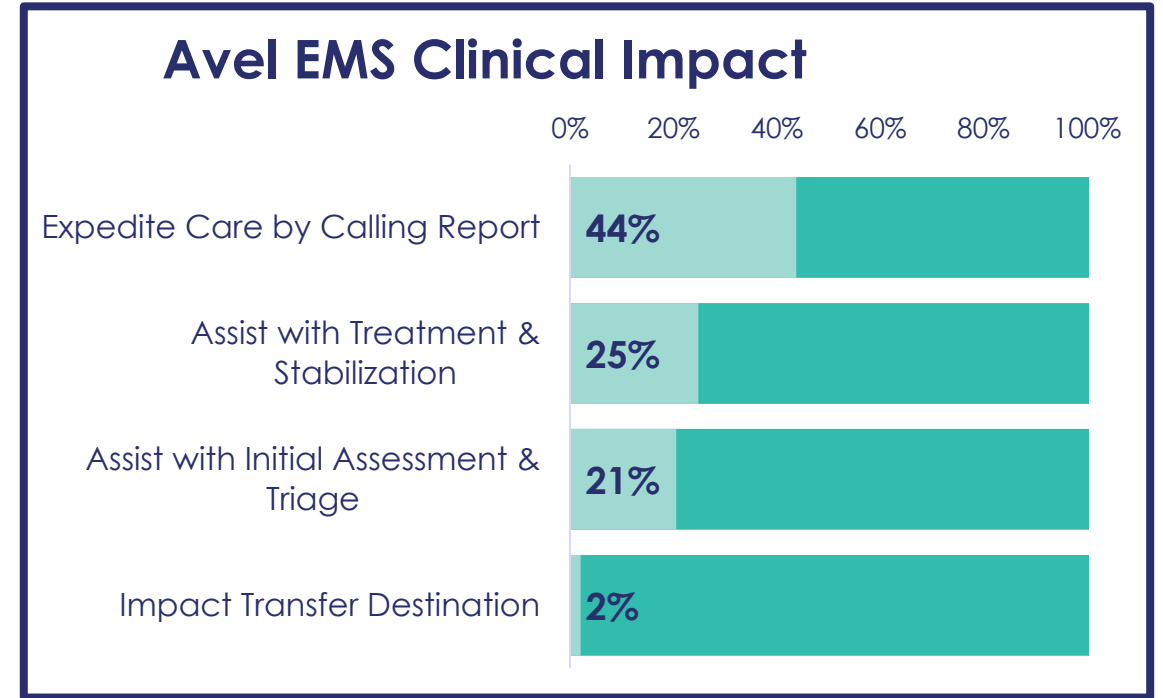
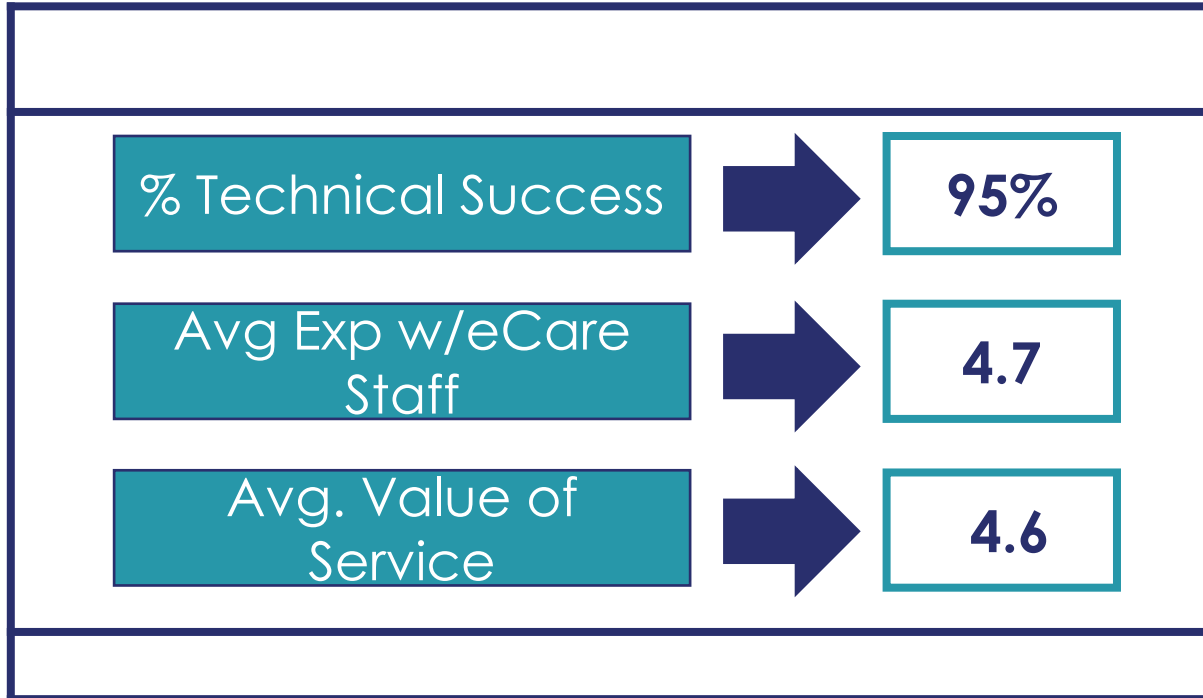


What if we could effectuate care earlier in the Golden Hour?



In EMS

Avel Partnership Outcomes



Agency Feedback Survey (62% completion)

- 80% = Helps with Recruitment
- 4.53 of 5 = Improves the quality of care in my community



Patient Outcomes	Provider-Related Outcomes	Medical Interventions Used	
<ul style="list-style-type: none"> • <u>30 Day Mortality</u> • <u>Emergency Department Mortality</u> • <u>Hospital Mortality</u> • <u>Hospital Length of Stay</u> 	<ul style="list-style-type: none"> • Recruitment and Retention • Satisfaction surveys <ul style="list-style-type: none"> ◦ After Call ◦ Every 6 Months • <u>Exploratory Safety Measures</u> <ul style="list-style-type: none"> ◦ <u>Siren Usage</u> ◦ <u>Seat Belt Usage</u> 	<ul style="list-style-type: none"> • <u>Airway</u> • <u>Tourniquet</u> • <u>Pelvic Binder</u> • Opioid Antagonist Use • Epinephrine Use 	
Timing Related to Critical Conditions			
<ul style="list-style-type: none"> • <u>Number of Transfers</u> • <u>Number of Stops</u> • <u>EMSRB Clinical Advisory Performance Measures</u> 		<ul style="list-style-type: none"> • <u>EMS arrival to Definitive Care</u> • <u>Type of Transport (Ground vs Air)</u> 	
MI	Trauma	Altered Mental Status	Stroke
<ul style="list-style-type: none"> • Time to EKG • Total Time from EMS Call to Balloon Time <ul style="list-style-type: none"> ◦ Door to Balloon Time 	<ul style="list-style-type: none"> • <u>Time to Trauma Center (Level 3, Level 2, Level 1)</u> 	<ul style="list-style-type: none"> • Time to Glucose Measurement • Opioid Antagonist Administration 	<ul style="list-style-type: none"> • EMS Arrival to Lytic Therapy

Questions?

