

IV Success Rates: December 2021 through November 2022

It's the question that has plagued EMS for centuries, and by far is the most controversial topic of our time:

Are IVs more successful on the Right Side or the Left Side?

We're going to attempt to answer this highly debated question before yet another squad is torn asunder.

Welcome all, to the Office of EMS Arena, located here in Vermont, where today we witness two heavy weight champions facing off in the battle of the millennium.

LET'S GET READY TO RUUUUUUUUUUMBLE!

Dressed in red and located in the patient's right-hand corner, we have our Champion, Team Right Side, representing every provider out there who adores all things dextral.

In the opposite corner and dressed in blue, we have our Challenger, Team Left Side—willing to fight to the death to defend all providers who love the Southpaw.



Image 1: Rock 'Em Sock 'Em Robots
Walsh, 2019

Rules of the Match

Points are awarded for the percent of successful jabs, as compared to the attempts.

Example: a 71% success rate will be 71 points.

IO's have been excluded, and due to low incident numbers, locations that are not explicitly listed as being on the Right Side or Left Side are not represented.

This match will cover incidents from 12/1/2021 through 11/30/2022:

Round	Months
Round 1	December, January, February
Round 2	March, April, May
Round 3	June, July, August
Round 4	September, October, November

Round 1

The two sides bump gloves, glaring the entire time...but the match begins! #TeamLeftSide starts out with a slight lead, taking 71.8 points out of a possible 100. #TeamRightSide bobs and weaves, avoiding some blows and landing others. By the time the bell has rung, #TeamRightSide trails behind #TeamLeftSide with 70.3 points.

Round 2

The start of Round 2 sees #TeamLeftSide continuing to move, never standing still. They continue their lead with an excellently executed uppercut, landing 72.5 points. Attempting a counter punch, #TeamRightSide is unable to have it land accurately. At the end of Round 2, #TeamRightSide has only managed to score 69.9 points.

Round 3

#TeamLeftSide launches themselves back into the ring, motivated by their wins so far....and lands yet another 74 points with a beautiful combination of hooks, overhands and jabs! This is the fighter no one predicted would have even a chance of winning. #TeamRightSide struggles to keep up, losing their footwork and balance but landing a respectable 72.4 points.

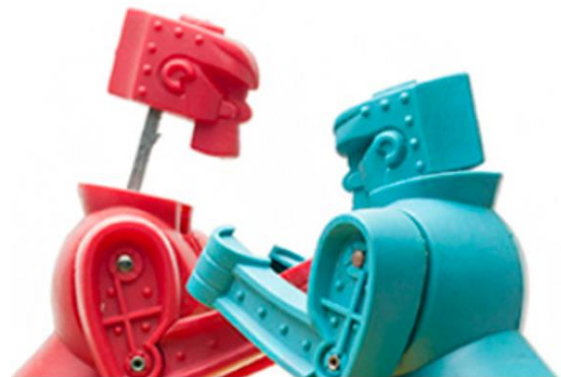


Image 2: Blue Robot winning match against Red Robot
Mattel, 2022

Round 4

The final round has both #TeamRightSide and #TeamLeftSide anxious, but still ring-ready. #TeamRightSide attempts an uppercut, but #TeamLeftSide blocks and manages to immediately counter, knocking #TeamRightSide unconscious. The attempt gives #TeamRightSide 69.9 points, but the block by #TeamLeftSide nets 71 points.

It's incredible to say but after a final round, #TeamRightSide is down and out!

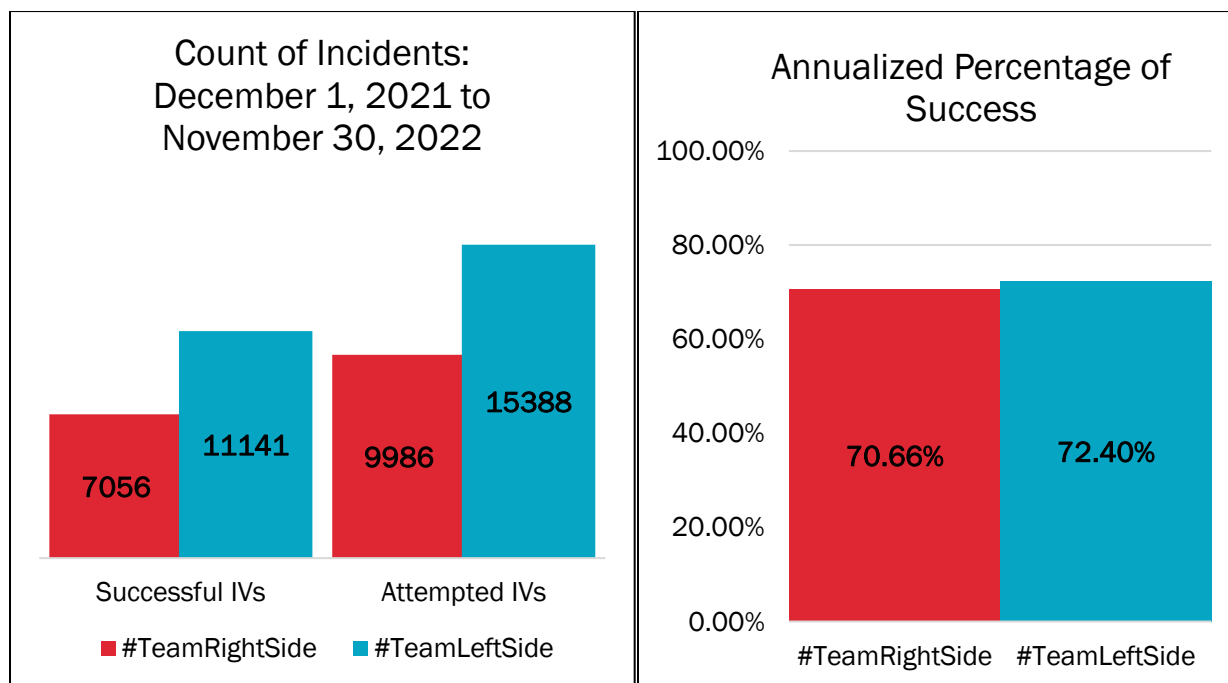
Providers of all levels, may I present your new Champion, #TeamLeftSide!

Match Results

Providers both attempted and had more success with IVs on the patient’s left side. This is suspected to be a result of vein availability and physical access to possible IV locations, as opposed to provider preference.

Overall, providers had a 72% success rate statewide on all IV’s placed between December 2021 and the end of November 2022.

	Round 1: Dec, Jan, Feb	Round 2: Mar, Apr, May	Round 3: Jun, Jul, Aug	Round 4: Sep, Oct, Nov
Right Side Success Rate	70.30%	69.90%	72.40%	69.90%
Left Side Success Rate	71.80%	72.50%	74%	71%



All data was obtained from the Statewide Incident Reporting Network (SIREN)

For more information contact:

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References

Mattel. (2022). *Rock 'Em, Sock 'Em Robots* [Image]. Mattel.com. <https://corporate.mattel.com/brand-portfolio/rock-em-sock-em-robots>
 Walsh, M. (April 19, 2021). *Vin Diesel to star in Rock 'Em Sock 'Em Robots Movie* [Image]. Nerdist. <https://nerdist.com/article/vin-diesel-rock-em-sock-em-robots-movie/>