

## INTRODUCING

# The Ally™

## Blood Collection Device from Avia Vascular

The needle-free alternative to blood collection that's outperforming traditional methods.



### INITIAL STUDY

An initial study was conducted on forty patients being treated at a hospital in Utah:

#### The Results:

The Ally provided viable samples using the needle-free sample collection method.

 **120**

Blood Samples Collected

 **117**

Perfectly Viable Samples

No Signs of Hemolysis or Contamination

No Reports of Insufficient Quantity

 **3**

Had to be redrawn due to clotting

*"It truly is a viable replacement for needle sticks."*

**Kevin Cook**

CEO, Avia Vascular

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## The clinical data was further supported by a study in Georgia.

A small pilot study was conducted with hospital employees where blood samples collected with Ally were compared against blood samples collected by venipuncture, within the same subject. The study showed equivalent results with respect to sodium (Na) concentrations (evaluated by Orthogonal Regression) – suggesting no saline contamination resulting from Ally draws through a short peripheral catheter, with no waste required.

A total of four tubes of blood were collected from each volunteer; two tubes were collected utilizing venipuncture in one arm and two tubes collected with Ally via a short peripheral catheter (SPC) following a saline flush, in the opposite arm. A complete blood count and basic metabolic panel were performed for each cohort. No blood was wasted with either collection method, and the equivalent Na concentrations between collection methods suggest that there was no saline contamination in Ally samples, resulting from saline flushes/locks through the SPC.

## The Results:

Ally sample quality was just as viable as traditional venipuncture methods.

10 Volunteers



Blood samples were collected from ten volunteers.

The samples were collected using both venipunctures and Ally draws.

The results were tested in the hospital lab normally used for patient testing.



Each Volunteer provided 4 blood samples.

Venipunctures



The Ally with saline flush



Sodium (Na) concentrations between collection methods suggest that there was no saline contamination in Ally samples, resulting from saline flushes/locks through the SPC.

*“In the over 500 uses since we started marketing the device 9 months ago, it has never failed to make its way through the peripheral IV out into the free-flowing blood. In fact, I have never received a complaint about it, nor can I find any complaints in the MAUDE database.”*

**Paul Blackburn, RN, MNA**

VP Clinical Development, Avia Vascular



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## Patient Benefits.

- Reduces patient anxiety from needles and minimizes pain.
- Reduces redraws.
- Minimizes hemolysis, contamination or insufficient volume.
- Eliminates infections from central line draws.
- Preserves vasculature for other uses.

In addition, following Ally product evaluations across five clinical sites, no kinking or buckling was observed in supervised use procedures in hand, forearm, and antecubital locations, and no specialized stabilization devices were required.



*“It’s about time we got away from poking the patient. Ally is the future of blood collection.”*

**Ariel Castro**

Phlebotomist, Study Coordinator



## Provider Benefits.

- Provides high-quality samples for testing.
- Minimizes wasted blood and the need for a waste tube.
- Eliminates “dirty” needle sticks for the practitioner.
- Reduces the chances of repeated blood draws.
- Easy-to-use and learn.
- Takes less time to draw blood in difficult access patients.
- Reduces costs on redraws due to incomplete fills, hemolysis, and contamination.

*“The bottom line is that Avia’s needle-free solution is not only priced competitively, but we enjoy the added benefits of greater productivity and efficiency. It saves the hospital time on redraws and calming nervous patients, too.”*

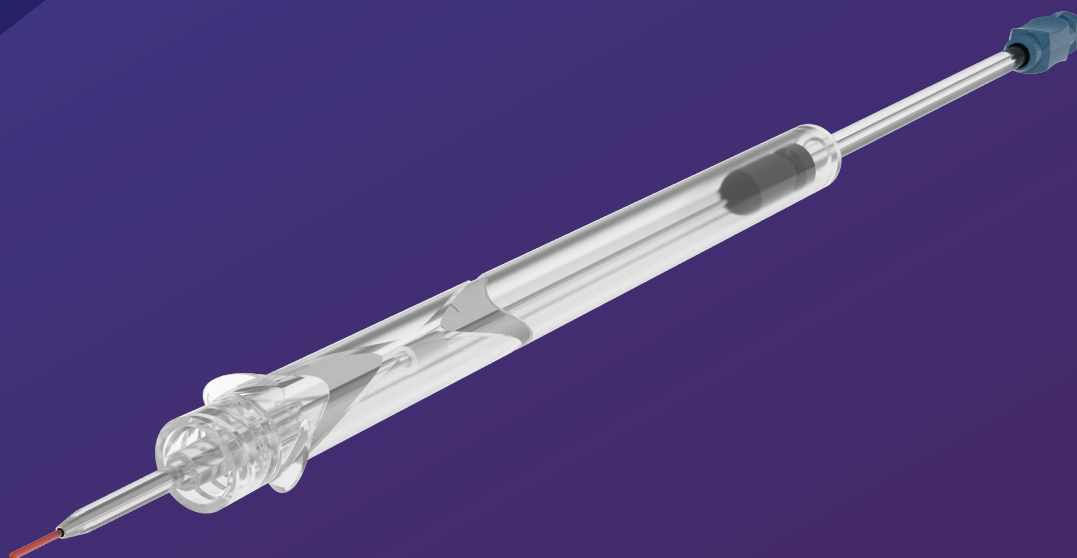
**Todd Dunn**

Modern Healthcare Top 25 Innovator



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The Ally device is attached to a PIV catheter system for blood sampling into a vacuum tube or syringe.

## Needle-free. Reliable.

Avia Vascular is the manufacturer of The Ally™ blood collection device, a needle-free alternative to enhance the patient experience, improve outcomes, and reduce overall provider costs.