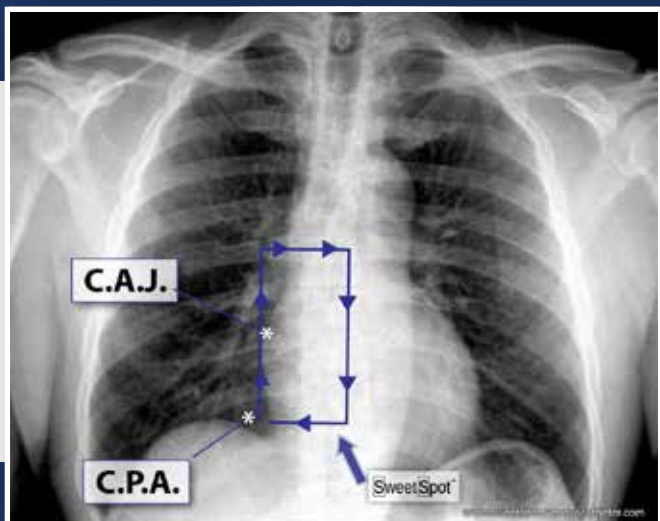


Dr. Ken Symington's

# SweetSpot™



## SCOPE:

*"Venous access will be required with essentially all hospitalized patients plus the vast majority of the remaining patients with significant acute and chronic illnesses. "*

*-Ken Symington*

Sweet Spot™ Home Page

[www.sweetspot-venouscatheter.com](http://www.sweetspot-venouscatheter.com)

Venous  
Access  
Consultant

# WHAT IS THE SWEET SPOT™?

## ORIGIN OF SWEET SPOT™

The SWEET SPOT™ was created to achieve two objectives. The first was to improve patient safety by decreasing the complications caused by improperly positioned venous access devices (VADs). The second was to remove the subjective and sometimes erroneous chest x-ray (CXR) interpretation of VAD tip position.

## DEFINITION OF SWEET SPOT™

The SWEET SPOT™ is a rectangular template superimposed on a frontal CXR, whose margins and internal area are acceptable for VAD catheter tip position. It has no fixed length or width but does have fixed proportions. The template (*SEE BROCHURE COVER*) is simply proportioned to the CXR at hand. This template is very easy to memorize and just as easy to teach.

The SWEET SPOT™ also has a fixed center point - the cavo-atrial junction.

The SWEET SPOT™ is the best anatomically-based and radiographically confirmed practical approximation of the cavo-atrial junction— defined on a frontal chest x-ray as the initial outward bulge of the lower right cardiomedastinal silhouette. It is independent of patient factors such as age, size, patient position for chest x-ray, lung volume or type of VAD. It also encompasses the various leading societal recommendations for catheter tip location.

## CLINICAL USE OF SWEET SPOT™

It was initially adopted practice wide by his group — Inland Imaging, Spokane, Washington in 2007 as the sole acceptable chest x-ray standard for VAD tip location and remains the standard today.

**To learn more about THE SWEET SPOT™  
visit [www.sweetspot-venouscatheter.com](http://www.sweetspot-venouscatheter.com)**

# SERVICE EXPLANATION

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- Dr. Symington is a practicing interventional radiologist with a passion for venous access education
- His consultation service has 3 goals:
  1. Proper insertion techniques for all venous access devices (VADs)
  2. Optimizing VAD performance
  3. Avoiding unnecessary complications of VAD placement - of which the most common and correctable cause is malposition of catheter tip
- He developed THE SWEET SPOT™ concept to optimize, standardize and objectify VAD tip location

## WHO SHOULD CONSIDER THESE SERVICES?

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- Any present inserter of VADs. Nurse, mid-level or physician, radiologist (diagnostic or interventional), surgeon, intensivist, interventional nephrologist
- Any beginning VAD inserters
- Hospital administrators wanting to improve or standardize their VAD & Q/A programs
- VAD manufacturers looking for advice

## **AVAILABLE VAD CONSULTATION SERVICES**

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- Selecting the best VAD for any given patient or institutional scenario
- VAD algorithm creation tailored to your practice
- VAD vendor selection assistance
- Personalized instruction in VAD insertion techniques
- Instruction on how to minimize VAD complications
- Assistance in creating your own comprehensive VAD program
- Advise VAD manufacturers

### **CONTACT INFO:**

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Email: [ksymington@inlandimaging.com](mailto:ksymington@inlandimaging.com)



Ken  
Symington, MD

## QUALIFICATIONS

- 23 years experience as board-certified diagnostic and Interventional Radiologist.
- Particular expertise in VAD insertion methods and treatment of VAD complications.
- Partner at Integra Imaging P.S. of Spokane, WA, the third-largest radiology practice in the U.S. with 103 radiologists - including 11 Interventionalists.
- VAD director for Providence Health Corporation- Eastern Washington division.
- Lectures nationally and internationally on VAD issues.