

New article by Dr. Matthew Bogard, "A Patient's Guide to Vascular Catheterization," a common medical procedure

Does the thought of your doctor placing a catheter on the back of your hand scare you? Read the explanatory article by physician Matthew Bogard to know more

CHARITON, IOWA, UNITED STATES, March 20, 2019 /EINPresswire.com/ -- Vascular catheterization is one of the most common procedures performed by medical practitioners around the world. [Matthew Bogard, MD](#), shares his thoughts in a new article, which is available on his blog at <https://matthewbogardmd.blogspot.com/>

What Is Vascular Catheterization?

Vascular catheterization is a procedure which involves inserting a small flexible tube, called the catheter, into one of your blood vessels – typically veins but sometimes an artery. It is also known

as a vascular access procedure because the purpose of it is to find a way into your blood vessels to either obtain blood samples or inject medications or fluids.

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*Matthew Bogard, MD,
physician in Iowa & Nebraska*



Doctor Matthew Bogard MD Emergency Medicine

Your doctor may ask you about any medications that you're taking or if you are suffering from any medical issues. The professional will discuss the procedure with you before starting. He or she will inspect your arm and legs to select a suitable site for inserting the catheter. Ideally the proceduralist will select a soft vein that does not show any signs of complication and rub an antibacterial solution on it to remove any germs present on your skin. You will feel a minor prick when the needle is inserted into your vein. You might also feel pressure in your vein when the catheter is inserted.

Why Is It Used?

Medicines can't always be administered orally. Some medications can only be taken intravenously. Such cases necessitate vascular catheterization. Your doctor might also use it to take a blood sample from one of your veins.

Other uses of vascular catheterization include:

* Repeated blood tests. If you are suffering from a serious medical condition and the doctor needs to take out blood from your vein for blood tests very often, then they might use catheterization. That's because inserting needles in your veins very frequently is not a good idea. It will damage your veins and you will definitely not like getting pinched repeatedly when you're suffering from a disease.

* Dialysis. Vascular catheterization is used for kidney dialysis. It accesses your vein to remove impure blood, filter it and return it back into your bloodstream. This typically requires a large sized catheter inserted into a larger central vein.

* Administering antibiotics for a long time. Vascular catheterization is used for patients who need to take antibiotics for a long time. In these cases, as special catheter called a PICC is often utilized.

Types of Vascular Catheters

According to the different uses of vascular catheterization, there are three main types of catheters used by doctors. These include:

Implanted Port

This type of catheter needs surgery to be inserted. It is usually used to treat cancer and is inserted into the chest. It is made up of a thin tube with a disc at the end. The tube is inserted below your skin along with the disc.

Tunneled Central Venous Catheter (CVC)

This type of catheter is inserted near the collarbone and it ends up near the heart. It is usually used during chemotherapy for cancer patients. It is also used for dialysis, blood transfusion, and extracting blood for screening.

Peripherally Inserted Central Catheter (PICC)

PICC is a special long catheter which is inserted in the arm and is guided to reach the blood vessels near the heart.



Dr Matthew Bogard Omaha Nebraska



ABOUT DR. MATTHEW BOGARD



Specialized Training

Doctor Matthew Bogard, Board Certified in Family Medicine and Board Eligible in Emergency Medicine, recently completed an in-depth hands-on course to learn the intricacies of treating victims of grain bin entrapment. This often happens when a farmer enters the grain bin while the critical auger is running, typically to address a plugged auger - and becomes stuck in the moving grain.

"This is an important class for any emergency medicine doctor practicing in rural areas," says Dr. Bogard. "It was a great review of the mechanics of what happens combined with the hands-on scenario where I stepped into a harness and helped rescue a fellow classmate from a specially constructed grain bin simulator."



Training for Emergencies

Matthew Bogard, Board Certified in Family Medicine and Board Eligible in Emergency Medicine, recently completed advanced training provided by the Iowa Bureau of Emergency and Trauma Services with an eye toward providing additional services to EMS agencies in rural locations. The night-to-night emergency Iowa Code governing Emergency Medical Services, types of agencies and classifications of respondents, additional resources necessary for the Critical Care Transport Services, and the importance of an EMS Contingency Plan. Training was also provided regarding the Iowa EMS provider scope of practice.



Involvement in the Medical Profession

Dr. Matthew Bogard published an article about the "Rising Barriers to Maintenance of Certification." The American Board of Medical Specialties (ABMS) is composed of 24 member boards that provide "board certification" in their respective specialties. The American Board of Internal Medicine, American Board of Surgery, American Board of Family Medicine, and 22 more. Each ABMS member board and subspecialty may be double- or triple-board certified. Obtaining initial board certification requires completion of a rigorous accredited training program and passing multiple exams beyond the three USMLE Step exams necessary to

Website of Dr Matt Bogard at [matthewbogardmd](http://matthewbogardmd.com)

Now you know what vascular catheterization is and how it's done. Always ask your doctor how they will perform the procedure so that you can prepare yourself mentally.

*** Physician Matthew Bogard practices Emergency Medicine in Omaha, Nebraska. During his training at the University of Nebraska College of Medicine, he was selected to join the Advanced Rural Training Program, a four-year residency that trains physicians to provide comprehensive full-spectrum medical care. During his residency, [Dr. Bogard](#) served on the Board of Directors of the Nebraska Academy of Family Physicians, was active with the Nebraska Medical Association, mentored multiple medical students and was honored by the Nebraska Legislature as "Family Physician of the Day." Dr Matt Bogard primarily practices Emergency Medicine. Dr. Matt Bogard is Board Certified by the American Academy of Family Physicians and Board Eligible in Emergency Medicine.

Website:

<https://matthewbogardmd.com/>

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