

## ***Charlotte Radiology and Carolinas Medical Center Offer An Innovative New Treatment for Blood Clots***

CHARLOTTE — Charlotte Radiology and Carolinas Medical Center are now among the cutting edge institutions in the country offering an advanced treatment for patients suffering from deep vein thrombosis (DVT).

DVT is a common but serious medical condition that occurs in approximately two million Americans each year. DVT occurs when a thrombus (blood clot) forms in large veins, usually in the legs, leading to either partially or completely blocked circulation. The condition may result in serious health complications such as a pulmonary embolism (PE) and even death if not diagnosed and treated effectively, according to the Coalition to Prevent Deep Vein Thrombosis.<sup>1</sup>

The newest treatment uses the FDA-cleared Trellis® Peripheral Infusion System from Bacchus Vascular, Inc., of Santa Clara, CA, to increase the efficiency of thrombolytic or “clot-busting” drugs in mixing with and removing the blood clots. The system is also designed to reduce the risk of bleeding complications that may be associated with the use of thrombolytic drugs.

Using a technique known as “pharmacomechanical” thrombolysis, the Trellis system allows Charlotte Radiology’s Interventional Radiologists to provide rapid, effective and safe treatment for many patients suffering from acute DVT. This minimally invasive, interventional treatment modality is used in conjunction with the anti-coagulation drug regimen which is part of the standard care for these patients.

Leading the effort at Carolinas Medical Center is Kevin Stadtlander, MD, an Interventional Radiologist with Charlotte Radiology. Dr. Stadtlander noted that, “Historically, DVT has been treated with blood thinners given systemically. As a result, the underlying blood clot in the veins is not directly treated, placing patients at risk for developing long-term sequelae such as post-thrombotic syndrome, which can lead to years of leg pain and discomfort. Using the Isolated Thrombolysis technique, we are able to provide powerful clot-busting drugs directly to the area affected, allowing for faster results and fewer immediate and long-term complications.”

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