

## Expert Peripheral and Central Vascular Access Services at Insight Hospital with Dr. Sameer Ahmed

Insight Hospital's interventional radiology department, under the guidance of Dr. Sameer Ahmed, specializes in providing comprehensive peripheral and central vascular access services. Our team is dedicated to ensuring that patients requiring intravenous therapies receive the safest, most effective forms of vascular access, tailored to their specific treatment needs and health conditions.

### Understanding Vascular Access

Vascular access refers to the methods used to gain entry into the circulatory system, facilitating the administration of medications, fluids, blood products, and nutritional supplements, as well as enabling blood draws and dialysis treatment. There are two main types of vascular access: peripheral and central.

- **Peripheral Vascular Access:** Involves inserting a small catheter into a peripheral vein, usually in the arm, for short-term use. This method is often utilized for temporary treatments, such as antibiotic administration or hydration.
- **Central Vascular Access:** Entails placing a catheter into a large vein in the neck, chest, or groin, with the tip resting near the heart. Central lines are used for long-term treatments, high-volume infusions, or substances that could irritate smaller peripheral veins.

### Our Services

Dr. Sameer Ahmed and the Insight Hospital team offer a range of vascular access services, including:

- **PICC Line Placement:** A Peripherally Inserted Central Catheter (PICC) is ideal for long-term intravenous therapy, providing a durable and less invasive option compared to traditional central lines.
- **Central Venous Catheters (CVCs):** Including tunneled catheters (such as Hickman and Broviac) and non-tunneled catheters for immediate, short-term use.
- **Implantable Ports:** A port is a long-term option that resides under the skin, suitable for patients requiring frequent access for chemotherapy, blood products, or long-term medications.

## Why Choose Dr. Sameer Ahmed and Insight Hospital?

Dr. Sameer Ahmed brings a wealth of experience and expertise to vascular access procedures, ensuring high success rates, minimal complications, and personalized care for each patient. At Insight Hospital, we prioritize:

- Patient Comfort and Safety: Utilizing ultrasound and fluoroscopy guidance to enhance the precision and safety of catheter placements.
- Customized Care Plans: Tailoring vascular access choices to best suit the individual needs and lifestyles of our patients.
- Ongoing Support and Education: Providing patients and their families with the information and support needed to manage their vascular access devices confidently.

## Conclusion

Whether you require short-term peripheral access for acute treatments or long-term central access for chronic conditions, Dr. Sameer Ahmed and the interventional radiology team at Insight Hospital are here to provide the highest standard of care. Our state-of-the-art facilities and patient-centered approach ensure that you receive the most appropriate vascular access service, designed to support your treatment journey and improve your quality of life.

Contact Insight Hospital today to learn more about our peripheral and central vascular access services and how we can assist you or your loved one in receiving the best possible care.