

The Toe-Brachial Index Test: Precision in PAD Diagnosis with Dr. Sameer Ahmed at Insight Hospital

Insight Hospital is proud to offer the Toe-Brachial Index (TBI) test, a specialized diagnostic procedure led by the esteemed Dr. Sameer Ahmed in our interventional radiology department. This test is crucial for patients with symptoms of peripheral arterial disease (PAD) in their lower extremities, particularly when conventional tests like the Ankle-Brachial Index (ABI) may not provide sufficient detail.

What is the Toe-Brachial Index Test?

The Toe-Brachial Index test is a non-invasive diagnostic tool used to measure blood flow and pressure in the toes, comparing it to the blood pressure in the arm. This comparison helps in detecting PAD, especially in patients with diabetes or other conditions that might affect the arteries in the legs and feet. The TBI test is particularly valuable because it can reveal vascular issues in the smaller blood vessels that might not be detected with an ABI test.

How is the TBI Test Conducted?

The TBI test procedure involves placing small blood pressure cuffs on the toes and a standard cuff on the arm. A Doppler device is then used to listen to the blood flow in these areas. The blood pressure readings from the toes are compared to those from the arm to calculate the TBI ratio. A lower ratio indicates reduced blood flow, suggesting the presence of PAD.

The Importance of the TBI Test

- **Enhanced Detection:** The TBI test can detect PAD in patients where other tests, such as the ABI, might not be as effective, offering a more comprehensive vascular assessment.
- **Risk Assessment:** It helps in evaluating the risk for cardiovascular diseases and can guide the need for further vascular investigation or intervention.
- **Targeted Treatment:** Accurate diagnosis through the TBI test enables Dr. Ahmed and the team at Insight Hospital to tailor treatment plans more effectively, addressing specific areas of concern.

Why Choose Insight Hospital for Your TBI Test

Under Dr. Sameer Ahmed's leadership, Insight Hospital's interventional radiology department is equipped with the latest technology for vascular diagnostics, including the TBI test. Dr. Ahmed's expertise in vascular health and commitment to patient-centered care ensure that individuals undergoing the TBI test receive the highest quality diagnostic service.

Meet Dr. Sameer Ahmed

Dr. Sameer Ahmed is a leading interventional radiologist at Insight Hospital, known for his dedication to advancing vascular diagnosis and treatment. His approach to patient care emphasizes thorough evaluation and personalized treatment plans, making him a trusted figure in the field of vascular health.

Conclusion

The Toe-Brachial Index test is a vital component of our vascular diagnostic services at Insight Hospital, offering precise assessment for better health outcomes. Under the care of Dr. Sameer Ahmed, patients can trust that they are receiving comprehensive evaluation and treatment planning for PAD and related vascular conditions.

If you or someone you know is experiencing signs of PAD or has risk factors for vascular disease, we encourage you to reach out to Insight Hospital to schedule a TBI test. Take the step towards understanding your vascular health and ensuring your well-being with the expertise of Dr. Sameer Ahmed and our dedicated team.