

JACC Cardiovascular Interventions

Superior Vena Cava Syndrome

State of the Art Review

Abdul Hussain Azizi, Irfan Shafi, Neal Shah, Kenneth Rosenfield, Robert Schainfeld, Akhilesh Sista, Riyaz Bashir

2020 Dec 28; 13(24):2896-2910

DOI: [10.1016/j.jcin.2020.08.038](https://doi.org/10.1016/j.jcin.2020.08.038)

Abstract

Superior vena cava (SVC) syndrome comprises a constellation of clinical signs and symptoms caused by obstruction of blood flow through the SVC. The management of patients with life-threatening SVC syndrome is evolving from radiation therapy to endovascular therapy as the first-line treatment. There is a paucity of data and societal guidelines with regard to the management of SVC syndrome. This paper aims to update the practicing interventionalists with the contemporary and the evolving therapeutic approach to SVC syndrome. In addition, the review will focus on endovascular techniques, including catheter-directed thrombolysis, angioplasty, and stenting, and their associated complications.

Keywords:

Catheter-directed thrombolysis; endovascular therapy; superior vena cava obstruction.

JACC Cardiovasc Interv

State of the Art Review

2020 Dec 28; 13(24):2896-2910.

PMID: 33357528

DOI: 10.1016/j.jcin.2020.08.038