Case Report

**Right subclavian approach in transcatheter aortic valve implantation using the CoreValve prosthesis**

Petr Toušek, Viktor Kočka, Frantisek Bednář, Miroslav Dvořáček, Libor Vlček, Miroslav Bulvas, Hana Línková, Jakub Sulženko, Petr Widimský

**ABSTRACT**

Typically, transfemoral access using the self-expanding CoreValve Revalving System is the initial default strategy in patients undergoing transcatheter aortic valve implantation (TAVI). Subclavian access is a potential alternative to the femoral route in patients with peripheral vascular disease. The left subclavian is preferred due to the favourable orientation of the delivery system through the aortic arch and annulus. However, right subclavian access may also be feasible in cases with specific anatomical conditions of the aortic root and valve annulus. We present a case where TAVI using the CoreValve prosthesis was performed via right subclavian artery with good 1 year outcome.

**Keywords**

Aortic stenosis; Transcatheter aortic valve implantation; Subclavian access