

International Surgery and Ortho Conference

October 25-26, 2017 | Toronto, Canada

Genetic basis of heart valve diseases; bicuspid aortic valve and mitral valve prolapse

Rojjar Asgarian, Maryam Eslami and Fateme Chegini
Islamic Azad University, Iran

Morbidity and mortality are mainly rooted in valvular heart disease which is also associated with the result of congenital malformations. In fact, it is important to pay a precise attention to the fact that by the amalgamation of human being increased understanding of heart valve development and major advances in genetic technologies, and by considering the success of the Human Genome Project, heart valve diseases rooted in numerous genetic contributions have been discovered. The present paper will summarize the review of the related literature regarding the

two-common familial VHDs which have the genetic basis, namely such as mitral valve prolapses and bicuspid aortic valve; it also highlights some of the recent findings that boosts our understanding of pathogenesis in such diseases. The main objective of the present paper is to meet the needs of clinicians by providing a good command of knowledge on elaborating the notion of genetic contributions as one of the main sources in valvular heart diseases.

e: r0jjar.asgarian@gmail.com