

# HEART CONGRESS

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## Mitral stenosis - a comprehensive stepwise approach by echocardiography

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Mitral valve disease mainly stenosis is the most common cause of mitral valve obstruction. The commonest cause in developing countries is rheumatic inflammation of the mitral valve; the normal valve motion is affected as the valve opens partially with loss of biphasic movement. However less common causes are Left atrial myxoma, Mitral annular calcification, left-sided carcinoid heart disease and other congenital disorders. Mitral stenosis when it is due to the rematic process can be managed by percutaneous Trance Venus mitral commissurotomy. Echocardiography remains the most important investigation in diagnosing the extent of the disease and planning the management of mitral stenosis. This review highlights in brief the mitral stenosis from diagnosis to a complete stepwise approach for comprehensive assessment of mitral stenosis by echocardiography.

### Biography

Ashish K. Saxena is a graduate and postgraduate of Christian medical college Ludhiana. Practicing clinical cardiologist and treating patients with cardiac complications and diabetes at diabetes and heart centre Ludhiana Punjab. An active clinician and non-invasive cardiologist associated with Delta heart centre and neurocity hospital in the city providing effective care to the community. Presently he is the general secretary of the Indian academy of echocardiography Ludhiana branch, the finance secretary for the Indian academy of clinical medicine Ludhiana branch, associate editor for the journal of Indian academy of echocardiography, Faculty member of JROP healthcare where associated with teaching echocardiography to healthcare professionals. Also past senior vice President of Indian medical association Ludhiana, he has been giving lectures in various international national and regional conferences. A principal investigator to several clinical phase 3 and 4 cardiac and diabetes trials, the active aim to impart education as best as possible in various quarters of the world to empower clinical cardiologist and healthcare professionals dealing with cardiac diabetes and heart failure disorders

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