

WORLD HEART CONGRESS

May 22- 24, 2017 Osaka, Japan

Effect of thyroid disease on the heart

Ashish K Saxena

Diabetes and Heart Centre, Punjab, India

Thyroid diseases, both hyperthyroid and hypothyroid have significant profound and clinically relevant findings on the heart that gives rise to various signs and symptoms of cardiovascular disease. There needs to be an understanding of the action of this hormone on the cardiovascular system and it is possible to explain the changes in the cardiac output, contractility, rhythm changes, blood pressure and vascular resistance. Echocardiography is an emerging scientific application that gives a better assay of the cardiovascular haemodynamics and its reversibility on subsequent follow up of patients. Pericardial effusion, heart failure, dyslipidaemia and the complex interrelationship between hypothyroidism and ischemic heart disease can be well established on echocardiography. Primary pulmonary hypertension a progressive disease leading to right heart failure and premature death is often of unknown origin. Recently, a link to the thyroid disease has been identified and this disease can be kept among one of the differential diagnosis. Diastolic dysfunction and mitral valve prolapse, enlargement of left atrium and atrial fibrillation leading to congestive heart failure can be easily demonstrated by echocardiography. The clinical correlation of the thyroid hormone with the EKG and echocardiography helps to attain a better level of understanding the prognosis of the disease as well as a guide to the morbidity and mortality associated with the disease.

Biography

Ashish K Saxena is a Clinical Cardiologist, an alumnus of Christian Medical College, Ludhiana. He has special interest in heart failure, diabetes and thyroid disorder, and is passionate about learning, clinical research and improving the health and well-being of the society. With the aim to attain best knowledge and explore newer frontiers in the treatment of various disorders he drives a passion to teach and make awareness about quality of health and life. This approach is responsive for his easy accessibility and confidence attained by his fellow co-workers and patients associated with him.

drashishdhc@yahoo.com

Notes: