University of Baghdad		
College Name	MEADICIAL	
Department	echocardiography	
Full name as		
written in	Marwa Kasim Mohammad	
passport		
e-mail		
Career		ecturer Assistant Professor Professor
	Master	PhD 🔅 🔵 diploma
Thesis Title	Assessment of Right Ventricular Function by Tissue Doppler Echocardiography in Patients with Left Ventricular Systolic Dysfunction	
Year		
Abstract	2015BackgroundKnowledge about the role of the right ventricle in health and disease historically has lagged behind that of the left ventricle. Less muscular, restricted in its role to pumping blood through a single organ, and less frequently or obviously involved than the left ventricle in diseases of high proportions such as myocardial ischemia, cardiomyopathy, or valvulopathy. Consequently, comparatively little attention has been devoted to how right ventricular dysfunction may be best detected and 	

MPI. RVDD was found in 80% of patients. Mean TAPSE was (18.68±4.48 Abstract
<ul> <li>mm),35% of them have abnormal TAPSE. Mean RVS' was (11.7±4.3 cm/sec),30% of patients have abnormal S'. RV dilatation was found in 35% of patients. PASP was abnormal in 28.3% of patients and PVR in 27.3%.</li> <li>Right ventricular myocardial performance index was the most sensitive parameter, its sensitivity to detect RV dysfunction was 100% and specificity 52%. While TAPSE was less sensitive more specific than RV MPI, its sensitivity was 38% and specificity 84%. The least sensitive one was the S', 29% sensitivity and 82% specificity. Conclusion</li> <li>Right ventricular function is affected in patients with LVSD .And RV diastolic function is affected more than the global RV function represented by MPI and RV systolic function represented by TAPSE and S'.</li> <li>Keywords</li> <li>Right ventricular dysfunction, left ventricular dysfunction and tissue Doppler echocardiography.</li> </ul>