

Most commonly used echocardiographic abbreviations

Only use abbreviation if used *more than 3 times* in manuscript.

Abbreviation	Definition	Dimension
A	Peak velocity of late transmitral flow	m/s
A'	Peak velocity of diastolic mitral annular motion as determined by pulsed wave Doppler	cm/s
Adur	Duration of the A wave	ms
Adur:Ardur	Ratio of Adur to ARdur	dimensionless
AI	Aortic insufficiency	-
AMVL	Anterior (anteromedial) mitral valve leaflet	-
Ao	Aorta	-
AR	Peak velocity of pulmonary vein flow reversal at atrial contraction	m/s
ARdur	Duration of the AR wave	ms
AT	Acceleration time	ms
AT:ET	Ratio of AT to ET	dimensionless
AV	Aortic valve	-
AVC	Aortic valve closure	-
AVO	Aortic valve opening	-
CAM	Chordal anterior motion	-
CFD	Color flow Doppler	-
CI	Cardiac index	mL/min/m ²
CO	Cardiac output	mL/min
CSA	Cross sectional area	cm ²
D	Peak velocity of diastolic pulmonary vein flow	m/s
DE	Doppler echocardiography	-
DT _E	Deceleration time of early diastolic transmitral flow	ms
Δp	Pressure gradient	mmHg
E	Peak velocity of early diastolic transmitral flow	m/s
EAFus	Peak velocity of summated E and A waves	m/s
E'	Peak velocity of early diastolic mitral annular motion as determined by pulsed wave Doppler	cm/s
E:A	Ratio of E to A	dimensionless
E':A'	Ratio of E' to A'	dimensionless
E'A'fus	Peak velocity of summated E' and A' waves	cm/s
E:E'	Ratio of E to E'	dimensionless
EDV	End-diastolic volume	mL
EDVI	End-diastolic volume index	mL/m ²
E:IVRT	Ratio of E to IVRT	dimensionless
EPSS	E-point-to-septal separation	mm
EF	Ejection fraction	%
EROA	Effective regurgitant orifice area	cm ²
ESV	End-systolic volume	mL
ESVI	End-systolic volume index	mL/m ²

ET	Ejection time	ms
E:Vp	Ratio of E to Vp	dimensionless
FAC	Fractional Area Change	%
FS	Fractional shortening	%
HR	Heart rate	min ⁻¹
IMP	Index of Myocardial Performance	dimensionless
IVCT	Isovolumic (isovolumetric) contraction time	ms
IVRT	Isovolumic (or isovolumetric) relaxation time	ms
IVS	Interventricular septum	-
IVSd	Interventricular septum thickness at end-diastole	mm
IVSs	Interventricular septum thickness at end-systole	mm
IVS%	Fractional thickening of the IVS	%
LA	Left atrium	-
LA:Ao	Ratio of the left atrial dimension to the aortic annulus dimension	dimensionless
LAD	Left atrial diameter	mm
LA area	Left atrial area	cm ²
LAA	Left auricular appendage	-
LAA flow	Peak velocity in LAA	m/s
LAm _{ax}	Maximum LA dimension from a right parasternal short axis heart base view (measured from a two-dimensional image)	mm
lat	Lateral	-
LV	Left ventricle	-
LVIDd	Left ventricular internal dimension at end-diastole	mm
LVIDs	Left ventricular internal dimension at end-systole	mm
LVOT	Left ventricular outflow tract	-
LVPW	Left ventricular posterior wall	-
LVPWd	Left ventricular posterior wall thickness at end-diastole	mm
LVPW%	Fractional thickening of the left ventricular posterior wall	%
LVPWs	Left ventricular posterior wall thickness at end-systole	mm
Mid-LVO	Mid-left ventricular obstruction	-
MPA	Main pulmonary artery	-
MR	Mitral regurgitation	-
MV	Mitral valve	-
MVA	Mitral valve area	cm ²
MVG	Myocardial velocity gradient	cm/s
MVO	Mitral valve opening	-
MVC	Mitral valve closure	-
PEP	Preejection period	ms
PEP:ET	Ratio of PEP to ET	dimensionless
PA	Pulmonary artery	-
PH	Pulmonary hypertension	dimensionless
PHT	Pressure half time	ms

PI	Pulmonic insufficiency	-
PMVL	Posterior (posterolateral) mitral valve leaflet	-
PPM	Papillary muscles	-
PV	Pulmonary valve	-
RA	Right atrium	-
RAD	Right atrial diameter	mm
RAA	Right auricular appendage	-
RV	Right ventricle	-
RVDd	Right ventricular dimension at end-diastole	mm
RVDs	Right ventricular dimension at end-systole	mm
RVOT	Right ventricular outflow tract	-
S	Peak velocity of systolic pulmonary vein flow	m/s
S'	Peak velocity of systolic mitral annular motion as determined by pulsed wave Doppler	cm/s
SAM	Systolic anterior motion	-
sept	Septal	-
SFF	Systolic filling fraction of pulmonary vein flow	%
SR (ϵ)	Strain	%
SrR	Strain rate	1/s
SV	Stroke volume	mL
SVI	Stroke volume index	mL/m ²
2D	two-dimensional	-
3D	three-dimensional	-
4D	four-dimensional	-
TAPSE	Tricuspid Annular Plane Systolic Excursion	mm
TDI	Tissue Doppler Imaging	-
TR	Tricuspid regurgitation	-
TV	Tricuspid valve	-
Vmax	Peak velocity	m/s
Vp	Peak velocity of early diastolic flow as determined by color M-mode flow propagation	cm/s
VTI	Velocity time integral	cm