

## RIGHT VENTRICULAR PULMONARY ARTERY SIZE

<b>RV DIMENSIONS</b>	<b>Reference range</b>	<b>Mildly abnormal</b>	<b>Moderately abnormal</b>	<b>Severely abnormal</b>
Basal RV diameter (RVD 1) cm	2.0 – 2.8	2.9 – 3.3	3.4 – 3.8	$\geq 3.9$
Mid RV diameter (RVD 2) cm	2.7 – 3.3	3.4 – 3.7	3.8 – 4.1	$\geq 4.2$
Base to apex length (RVD 3) cm	7.1 – 7.9	8.0 – 8.5	8.6 – 9.1	$\geq 9.2$
RVOT diameters				
Above aortic valve (RVOT 1) cm	2.5 – 2.9	3.0 – 3.2	3.3 – 3.5	$\geq 3.6$
Above pulmonic valve (RVOT 2) cm	1.7 – 2.3	2.4 – 2.7	2.8 – 3.1	$\geq 3.2$
<b>PA DIAMETER</b>				
Below pulmonic valve (PA 1) cm	1.5 – 2.1	2.2 – 2.5	2.6 – 2.9	$\geq 3.0$

## RIGHT VENTRICULAR SIZE AND FUNCTION

<b>RV DIMENSIONS</b>	<b>Reference range</b>	<b>Mildly abnormal</b>	<b>Moderately abnormal</b>	<b>Severely abnormal</b>
RA diastolic area cm <sup>2</sup>	11 - 28	29 - 32	33 - 37	$\geq 38$
RA systolic area cm <sup>2</sup>	7.5 - 16	17 - 19	20 - 22	$\geq 23$
RV fractional area change %	32 - 60	25 - 31	18 - 24	$\leq 17$
TAPSE cm	1.5 – 2.0	1.3 - 1.5	1.1 – 1.2	$< 1.0$