

SUMMARY OF LV VS RV

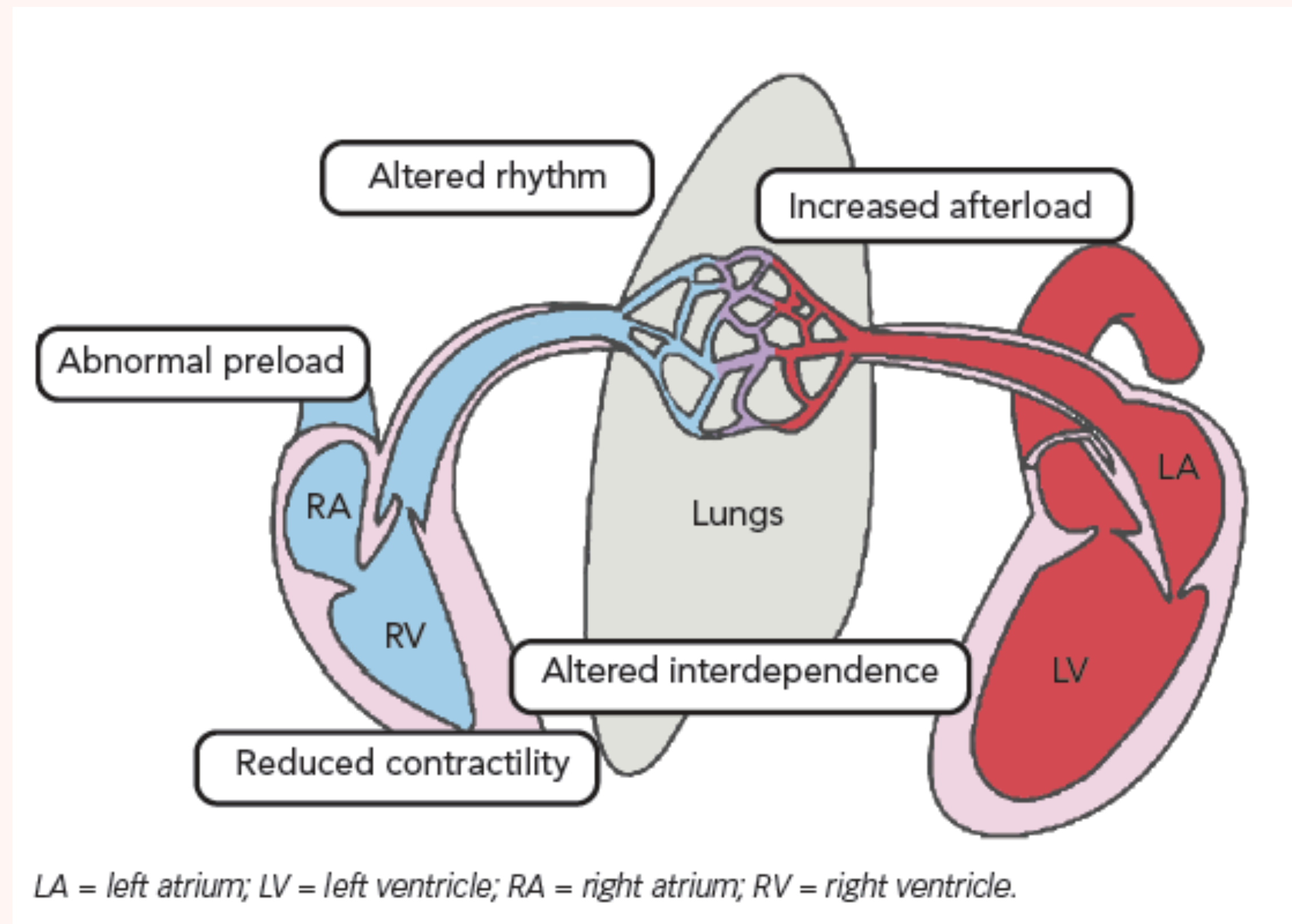
	Right ventricle	Left ventricle
Shape	Crescent	Ellipsoidal
Structure	Two layers of fibres	Three layers of fibres
Free wall thickness (mm)	1–5	8–10
Circulation	Low-pressure, low-resistance	High-pressure, high-resistance
Stroke volume (ml)	70–90	70–90
Ejection fraction (%)	65	70–80
Ventricular pressure (diastole; mm Hg)	0–8	4–12
Ventricular pressure (systole; mm Hg)	15–30	90–140
Afterload (dynes-s cm ⁻⁵)	Pulmonary vascular resistance <250	Systemic vascular resistance 800–1200
Adaptation to disease	Tolerant of preload	Tolerant of afterload

RV CARDIODYNAMICS

➤ what affects performance of RV?

➤ RVEDP and RVEDV

➤ dilatation + TR



➤ PVR