

# THE VALVES

## Spotting tricuspid and pulmonary valve disease

### Tricuspid regurgitation

Assessing severity of tricuspid regurgitation:

	Mild	Moderate	Severe
<b>Neck width (mm)</b>	None	< 7	≥ 7
<b>Continuous wave (CW) signal</b>	Incomplete, faint	Low or moderate intensity	Dense may be triangular
<b>Hepatic vein flow</b>	Normal	Systolic blunting	Systolic reversal

### Tricuspid stenosis

Suspect tricuspid stenosis if there is a narrow forward color jet and mean forward gradient >2 mmHg.

### Pulmonary regurgitation

The pulmonary regurgitation is severe if regurgitant jet PHT is <100 ms and the color jet fills more than 50% of the right ventricular outflow tract (RVOT).

### Pulmonary stenosis

Rough guide to grading pulmonary stenosis:

	Mild	Moderate	Severe
<b>Peak velocity (m/s)</b>	< 3.0	3.0–4.0	> 4.0