Echo Report Proforma

Study Number: …………..

**Ventilation** N/A Spont SIMV Mandatory Ventilation Mode

**Inotropes** ...................................................................................................................

LV function: Normal Or Impaired Mild Moderate Severe

Pericardial Effusion: Absent Or Present ……….mm

RV:LV size ration: Normal (LV>RV in A4c view) or Abnormal (RV>LV in A4C view)

**Valves:**

Mitral Normal or only mildly impaired. Aortic Normal or only mildly impaired.

Or Or

 Mod-Severe Regurgitation Mod-Severe Regurgitation

 Mod-Severe Stenosis Mod-Severe Stenosis

Tricuspid Normal or only mildly impaired. Pulmonary Normal or only mildly impaired.

Or Or

Mod-Severe Regurgitation Mod-Severe Regurgitation

 Mod-Severe Stenosis Mod-Severe Stenosis

**PLAX Measures**

**LVIDd** .............cm

Normal: M = 4.2-5.9 F = 3.9-5.3 cm

Measure from inflection point of Septum and LVOT

 Past leaflet tips of mitral valve

To LV free wall excluding trabeculations and valve apparatus

 Inner edge to inner edge

**LVOT Diameter** ............cm

Normal: 2.0 - 2.2 cm (varies with body size, large males may be bigger)

Zoomed in view of LVOT

Measure inner edge to inner edge

Measure just left of leaflet tip insertions

Do NOT measure within valve or leaflet insertion points

Should not be more than 5mm subvalvular

Should be perpendicular to direction of blood flow

**A4C Measures**

**LVOT VTI** Record three measure and their average

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  cm |  cm |  cm | Average: | cm |

 Normal: > 15 cm

Pulse Wave Doppler in LVOT (A5C)

Ensure cursor angle aligned with blood flow through LVOT

Gate should be subvalvular

Trace should show closing but not opening click

Trace should be hollow

Measure “chin not beard” ie avoid spectral broadening

**TAPSE** ....................mm Normal : > 15mm

M mode through lateral tricuspid annulus

Measure one continuous line

Use Calculation Tool

**TR Vmax** ...................cm/s Normal: < 260cm/s

Continuous wave Doppler through TR jet

Aim to get highest velocity jet in all views

Ie obtain loops of 2D, colour and spectral doppler of PLAX, PSAX, A4C and S4C

Record only highest reading

Do not average readings

Align cursor with TR jet

**Subcostal Measures**

**IVC Diameter Expiration** ...........................mm

**IVC Diameter Inspiration** ...........................mm

Measure with M mode

Measure 1cm inferior (left ) to hepatic vein entry into IVC

