高醫心臟外科 TTE Bedside Record Sheet

🗓️ 日期：_____ 👨‍⚕️ 檢查醫師：_____ 病歷號：_____ 床號：_____
📋 目的：□術前 □術後 □ECMO □Valve/LV評估

Parasternal Long Axis (PLAX) 2D □ AV / MV 結構：□Normal □Calcified □Restricted □SAM (+/–) □ Pericardial effusion：□None □Mild □Mod □Tamponade M-mode □ Aortic root at diastolic _____ mm / LA _____ mm □ LVOT _____ mm □ IVS _____ mm / LVESD _____ mm / LVPW _____ mm □ LVEDD _____ mm Color □ MR：□None □Mild □Mod □Sev / MS：□None □Mild □Mod □Sev □ AR：□None □Mild □Mod □Sev / AS：□None □Mild □Mod □Sev	Parasternal Short Axis (PSAX) 2D □ AV 三瓣開閉：□Normal □Fusion □Bicuspid □ MV “fish-mouth”：□Normal □Restricted □ LV Papillary muscle level：□Normal □Hypokinetic □Akinetic □不對稱收縮 □ RVOT：□Normal □Dilated □Compression □ D-shaped □ RVOT diameter _____ mm, PA _____ mm M-mode □ LV FS% = _____ %（papillary level）→ □Normal □↓Mild □↓Mod □↓Sev Color □ PV color: _____ □ TV color: _____ □ AV color: _____ Doppler □ TR CW Vmax _____ m/s → RVSP _____ mmHg
Apical 4 Chamber (A4C) 2D □ LV 大小 / 收縮：□Normal □↓Mild □↓Mod □↓Sev (Simpson EF _____%) □ RV 大小 / 收縮：□Normal □↓Mild □↓Mod □↓Sev (TAPSE _____ mm) □ Septal motion：□Normal □Paradoxical 🎨 Color □ MS：□None □Mild □Mod □Sev □ MR：□None □Mild □Mod □Sev , EROA _____ cm² / VC _____ mm □ TR：□None □Mild □Mod □Sev , VC _____ mm 🔊 Doppler □ MV PW nflow：E/A = _____ / Decel time _____ ms □ TR CW Vmax _____ m/s → RVSP _____ mmHg □ TDI e’ sept/lat = _____ / _____ → E/e’ = _____	Apical 2 & 3 & 5Chamber (A2C / A3C / A5C) 2D □ LV 壁段運動：□Normal □RWMA □Akinetic □ AV / LVOT 結構：□Normal □Thickened □Calcified □ LVOT diameter _____ cm Color □ MR / AR：□None □Mild □Mod □Sev □ MS / AS：□None □Mild □Mod □Sev 🔊 Doppler □ AV (AS) CW VTI：Vmax _____ m/s Mean PG _____ mmHg AVA _____ cm²

Subcostal View

🩺 2D

□ Cardiac motion：□Normal □↓
□ Interatrial septum (ASD)：□Intact □Defect visible
□ Interventricular septum (VSD)：□Intact □Defect visible
□ Pericardial effusion：□None □Mild □Mod □Tamponade
□ IVC diameter _____ cm / Collapse _____ %
□ Collapsibility：□>50% □<50%
□ Volume status：□Adequate □Low □Congested

📈 M-mode

□ IVC collapse ratio (%) = _____ %

🎨 Color

□ RA / IVC flow：□Laminar □Turbulent

🔊 Doppler

□ IVC flow pattern：□Normal □Abnormal
□ Hepatic vein PW: S wave, D wave, A wave

如果Valve 有問題再量參數

AS

□ LVOT PW：VTI _____ cm / Velocity _____ cm/s
□ AV (AS) CW VTI：Vmax _____ m/s Mean PG _____ mmHg AVA _____ cm²

AR

□ AR VC ____ mm
□ AV (AR) CW：Vmax _____ m/s, AR slope (PHT) _____ ms

MS

□ MS CW mean PG _____ mmHg PHT _____ ms MVA _____ cm²
□ MV “fish-mouth”：□Normal □Restricted □ MVA = _____ cm2

MR

□ MR VC ____ mm
□ MR PISA ____ , EROA ____
□ MR CW Vmax _____ m/s, VTI _____ m/s
□ Pulmonary vein flow; S wave _____, D wave _____, A wave _____

ASD or VSD

□ RVOT PW RVOT Vmax _____ m/s (PH screen) , RVOT VTI _____ m/s
□ RVOT CW PV Vmax _____ m/s (PH screen) , PV VTI _____ m/s

□ ASD shunt：□None □Left→Right □Right→Left □Bidirectional
□ ASD flow velocity _____ m/s
□ VSD shunt：□None □Left→Right □Right→Left □Bidirectional
□ VSD flow velocity _____ m/s

📄 Summary / Impression

LV function
_____ (EF ___%, FS ___%)
RV function
_____ (TAPSE ___ mm)
MR / TR / AR / AS
_____
ASD / VSD
_____
Ao / Asc Ao / LA
_____
Pericardium / IVC
_____
Conclusion / Impression: _____