|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **L e v e l 1 E c h o c a r d i o g r a m R e p o r t** | | | | | |
| Patient name: |  | MRN: |  | DOB: |  |
| Sonographer’s name: |  | Date of scan: |  | Log #: |  |

(studies submitted to the BSE must not include patient identifiers: name; MRN; DOB)

**Patient details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age: |  | Sex: |  | Background and clinical question: |
| Location: |  | | |  |
| Rhythm: |  | Rate: |  |
| Systemic BP: |  | CVP: |  |
| CVS support: |  | | |
|  |
|  |
| Ventilation: |  | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **LVIDd (mm):** |  | **TAPSE (mm):** |  |

**Focused findings**

(select one option per row)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **LV wall thickness** | Normal | | Abnormal |  | U/A |
| **LV cavity size** | Normal cavity size | | Small | Dilated | U/A |
| **LV systolic function** | Normal or borderline low | | Impaired | Severely impaired | U/A |
| **RV wall thickness** | Normal | | Abnormal |  | U/A |
| **RV cavity size** | Normal | | Small | Dilated | U/A |
| **RV systolic function** | Normal | | Impaired |  | U/A |
| **IAS position** | Normal (mid-position) | | Fixed from the left  towards the right | Fixed from the right  towards the left | U/A |
| **Aortic root** | Normal | | Dilated |  | U/A |
| **AoV morphology** | Normal | | Abnormal |  | U/A |
| **AoV structure** | Normal or mild thickening | | Heavily thickened or calcified (unrestricted opening) | Heavily thickened or calcified (restricted opening) | U/A |
| **AoV competence** | Normal (no regurgitation) | | Regurgitation present  (not significant) | Significant regurgitation | U/A |
| **MV structure** | Normal or mild thickening | | Heavily thickened or calcified (unrestricted opening) | Heavily thickened or calcified (restricted opening) | U/A |
| **MV competence** | Normal (no regurgitation) | | Regurgitation present  (not significant) | Significant regurgitation | U/A |
| **TV structure** | Normal or mild thickening | | Heavily thickened or calcified (unrestricted opening) | Heavily thickened or calcified (restricted opening) | U/A |
| **TV competence** | Normal (no regurgitation) | | Regurgitation present  (not significant) | Significant regurgitation | U/A |
| **IVC size** | Normal IVC size | | Small | Dilated | U/A |
| **IVC variability** | Normal variation with patient’s respiration/ventilation | | Excessive respiratory variation  (collapse or distension) | Reduced respiratory variation  (collapse or distension) | U/A |
| **Pericardial fluid** | Normal  (none or physiological) | | Small volume  (and tamponade not suspected) | Significant volume  (and/or tamponade suspected) | U/A |
| **Right pleural fluid** | Normal (no fluid) | | Small volume | Significant volume | U/A |
| **Left pleural fluid** | Normal (no fluid) | | Small volume | Significant volume | U/A |
| **Additional Findings:**  (important findings not covered within the reporting matrix) | |  | | | |
| **Conclusions:**  (including reference to the clinical question) | |  | | | |
|  | | Does the patient require referral for Level 2 study? Yes No  (presence of findings in red usually warrant immediate expert help) | | | |
| Sonographer’s signature: | |  | | | |

**Reviewer’s comments** (must always be completed)

|  |  |  |  |
| --- | --- | --- | --- |
| Reviewers name:  (mandatory) |  | Date of review:  (mandatory) |  |
| Level of supervision:  (mandatory) | Directly supervised Face-to-face review Remote review | | |
| Comments regarding image acquisition:  (optional)  Comments may be completed by the reviewer, or alternatively by the sonographer following the reviewer’s verbal feedback (please specify) |  | | |
|  | Comments completed by: Reviewer Sonographer | | |
| Comments regarding image interpretation:  (optional)  Comments may be completed by the reviewer, or alternatively by the sonographer following the reviewer’s verbal feedback (please specify) |  | | |
|  | Comments completed by: Reviewer Sonographer | | |
| Reviewer’s signature:  (mandatory) |  | | |