Supplementary Table I. Standard clinical descriptors used to determine left and right ventricular function

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| **Search terms used to categorize left ventricular systolic function** |
| *Normal Left ventricular systolic function* |
| Overall normal LVEF (>55%)  Normal LV wall thickness, cavity size and regional/global systolic function (LVEF >55%)  Low normal LVEF  Normal LV wall thickness, cavity size, and systolic function (LVEF>55%)  Mild symmetric LVH with normal cavity size and regional/global systolic function (LVEF>55%)  Overall left ventricular systolic function is normal (LVEF>55%)  Normal LV wall thickness, cavity size, and global systolic function (LVEF>55%)  Left ventricular wall thickness, cavity size, and systolic function are normal (LVEF>55%)  Mild symmetric LVH with normal cavity size and systolic function (LVEF>55%)  Mild symmetric LVH with normal cavity size and global systolic function (LVEF>55%)  Overall left ventricular systolic function is low normal (LVEF 50-55%)  There is mild symmetric left ventricular hypertrophy with normal cavity size and systolic function (LVEF>55%)  Normal LV wall thickness, cavity size and regional/global function (LVEF >55%)  Normal LV wall thickness, cavity size, and global function (LVEF>55%)  Left ventricular wall thickness, cavity size, and systolic function are normal  There is mild symmetric left ventricular hypertrophy with normal cavity size and systolic function  Low normal LVEF (50-55%)  Hyperdynamic LVEF >75%  Hyperdynamic LVEF  Left ventricular systolic function is hyperdynamic (EF>75%)  Hyperdynamic left ventricular systolic function  Hyperdynamic LVEF (>75%) |
| *Mild to moderate left ventricular systolic dysfunction* |
| Mildly depressed LVEF  Mild global LV hypokinesis  Depressed LVEF  Overall left ventricular systolic function is mildly depressed  depressed LVEF  Mildly depressed LVEF (40-55%)  global LV hypokinesis  LV systolic function appears depressed  There is mild global left ventricular hypokinesis  Intrinsic LV systolic function depressed given the severity of valvular regurgitation  Moderately depressed LVEF  Overall left ventricular systolic function is moderately depressed  Moderate global LV hypokinesis  There is moderate global left ventricular hypokinesis  Mild-moderate global left ventricular hypokinesis  Moderately depressed LVEF (30-39%) |
| *Severely Depressed left ventricular systolic dysfunction* |
| Severely depressed LVEF  Severe global LV hypokinesis  Overall left ventricular systolic function is severely depressed  There is severe global left ventricular hypokinesis  Moderate-severe global left ventricular hypokinesis  Severely depressed LVEF (<30%)  -severe global left ventricular hypokinesis |

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| **Search terms used to categorize left ventricular cavity function** |
| *Normal left ventricular cavity function* |
| Normal LV cavity size  Normal LV wall thickness, cavity size and regional/global systolic function (LVEF >55%)  The left ventricular cavity size is normal  Normal LV wall thickness and cavity size  Mild symmetric LVH with normal cavity size  Normal LV wall thickness, cavity size, and systolic function (LVEF>55%)  Mild symmetric LVH with normal cavity size and regional/global systolic function (LVEF>55%)  Normal LV wall thickness, cavity size, and global systolic function (LVEF>55%)  Left ventricular wall thickness, cavity size, and systolic function are normal (LVEF>55%)  Normal LV wall thicknesses and cavity size  Mild symmetric LVH with normal cavity size and systolic function (LVEF>55%)  Left ventricular wall thicknesses and cavity size are normal  Mild symmetric LVH with normal cavity size and global systolic function (LVEF>55%)  There is mild symmetric left ventricular hypertrophy with normal cavity size and systolic function (LVEF>55%)  There is mild symmetric left ventricular hypertrophy with normal cavity size  The left ventricular cavity size is top normal/borderline dilated  Normal LV wall thickness, cavity size, and global function (LVEF>55%)  Left ventricular wall thickness, cavity size, and systolic function are normal  LV cavity normal for BSA  There is mild symmetric left ventricular hypertrophy with normal cavity size and systolic function  Top /borderline dilated LV cavity size  Normal LV thickness and cavity size  Normal LV wall thickness, cavity size and regional/global function (LVEF >55%) |
| *Mild to moderate left ventricular cavity dysfunction* |
| Mildly dilated LV cavity  The left ventricular cavity is mildly dilated  Dilated LV cavity  The left ventricular cavity is dilated  Mildly dilated LV cavity  Moderately dilated LV cavity  The left ventricular cavity is moderately dilated |
| *Severely Depressed left ventricular cavity dysfunction* |
| Severely dilated LV cavity  The left ventricular cavity is severely dilated |

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| **Search terms used to categorize right ventricular systolic function** |
| *Normal right ventricular systolic function* |
| Normal RV chamber size and free wall motion  Right ventricular chamber size and free wall motion are normal  Normal RV systolic function  Right ventricular systolic function is borderline normal  Borderline normal RV systolic function  Right ventricular systolic function is normal  Right ventricular chamber size and systolic function are normal  TASPE normal (>=1.6cm) Normal interventricular septal motion  TASPE normal (>=1.6cm)  Normal RV chamber size and free motion  Normal RV function |
| *Mild to moderate right ventricular systolic dysfunction* |
| Mild global RV free wall hypokinesis  There is mild global right ventricular free wall hypokinesis  Right ventricular systolic function appears depressed  RV function depressed  Mild global RV free hypokinesis  TASPE depressed (<1.6cm)  TASPE depressed (<1.6cm) RV function depressed  TASPE depressed (<1.6cm) Abnormal systolic septal motion/position consistent with RV pressure overload  TASPE depressed (<1.6cm) Abnormal septal motion/position consistent with RV pressure/volume overload  TASPE depressed (<1.6cm) Intrinsic RV systolic function likely more depressed given the severity of TR  TASPE depressed (<1.6cm) Paradoxical septal motion consistent with conduction abnormality/ventricular pacing  TASPE depressed (<1.6cm) Normal interventricular septal motion  TASPE depressed (<1.6cm) Paradoxical septal motion consistent with prior cardiac surgery  TASPE depressed (<1.6cm) Abnormal septal motion/position  There is moderate global right ventricular free wall hypokinesis  Moderate global RV free wall hypokinesis  Moderate global RV free hypokinesis |
| *Severely depressed right ventricular systolic dysfunction* |
| There is severe global right ventricular free wall hypokinesis  Severe global RV free wall hypokinesis |

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| **Search terms used to categorize right ventricular cavity function** |
| *Normal right ventricular cavity function* |
| Normal RV chamber size and free wall motion  Right ventricular chamber size and free wall motion are normal  Normal RV chamber size  Right ventricular chamber size is normal  Right ventricular chamber size and systolic function are normal  Normal RV chamber size and free motion  Right ventricular chamber size and free motion are normal |
| *Mild to moderate right ventricular cavity dysfunction* |
| Mildly dilated RV cavity  Dilated RV cavity  The right ventricular cavity is dilated  The right ventricular cavity is mildly dilated |
| *Severely depressed right ventricular cavity dysfunction* |
| Moderately dilated RV cavity  Markedly dilated RV cavity  The right ventricular cavity is moderately dilated  The right ventricular cavity is markedly dilated |