

Stress Perfusion

| | Coverage | Gating | Breath Hold |
|----------------------------------|-----------------|---------------|-------------|
| | | | |
| Loc #1 | | none | NO |
| Loc #2: place heart at isocenter | | none | NO |
| | | | |
| Axial Dark Blood T1 HASTE | Whole Heart | prospective | NO |
| Axial Bright Blood FISP | Whole Heart | prospective | multiple |
| VLA CINE | 1 slice | retrospective | YES |
| FSA CINE | 1 slice | retrospective | YES |
| 4CH CINE | 1 slice | retrospective | YES |
| | | | |
| T2 Map AND T2 FS SAS | 3 slices | prospective | multiple |
| T2 Map AND T2 FS VLA | 1 slice | prospective | YES |
| T2 Map AND T2 FS 4CH | 1 slice | prospective | YES |
| | | | |
| SAS STACK | Ventricles | retrospective | YES |
| LVOT | 1 slice | retrospective | YES |
| | | | |
| Pre stress test | 3 SAS and 1 4CH | prospective | YES |
| | | | |
| Regadenadon admin | | | |
| | | | |
| wait 90 seconds | | | |
| IV gado (4cc/sec, 0.1 mmol/kg) | | | |
| Stress Perfusion | 3 SAS and 1 4CH | prospective | YES |
| | | | |
| WAIT 5 MINUTES | | | |
| | | | |
| IV gado (4cc/sec, 0.1 mmol/kg) | | | |
| Rest Perfusion | 3 SAS and 1 4CH | prospective | YES |
| | | | |
| 5 minutes after 2nd injection | | | |
| TI Scout 2 R-R | 1 slice | prospective | YES |
| | | | |
| MDE single shot SAS | Left Ventricle | prospective | optional |
| | | | |
| MDE segmented VLA | 1 slice | prospective | YES |
| MDE segmented 4CH | 1 slice | prospective | YES |

| | | | |
|--------------------|----------------|---------------|----------|
| MDE segmented LVOT | 1 slice | prospective | YES |
| MDE segmented SAS | Left Ventricle | prospective | multiple |
| | | | |
| Aorta PC | 1 slice | retrospective | NO |
| PA PC | 1 slice | retrospective | NO |
| | | | |
| OPTIONAL | | | |
| | | | |
| TI scout 1 R-R | 1 slice | retrospective | NO |
| 3D MDE GRE | whole heart | prospective | NO |