Supplemental Table 1. Number of Staff Required for SPECT-MI Procedure (Breakdown by Staff Role)

| SPECT-MI steps | Nuclear technician / technologist | Nurse | Physician | Nurse practitioner / physician assistant | Cardiovascular technologist / assistant | Exercise physiologist |
|----------------|-----------------------------------|-------|-----------|------------------------------------------|----------------------------------------|-----------------------|
| 1. Rest SPECT-MI | 1.3 (0.5) | 0.4 (0.6) | 0.3 (0.5) | 0.1 (0.3) | 0.2 (0.4) | 0.1 (0.3) |
| 2. Exercise | 1.0 (0.3) | 0.8 (0.5) | 0.5 (0.5) | 0.3 (0.5) | 0.4 (0.5) | 0.2 (0.4) |
| 3. Transition to PSA\(^a\) | | | | | | |
| Regadenoson (N=47) | 0.5 (0.5) | 0.7 (0.5) | 0.4 (0.5) | 0.2 (0.4) | 0.2 (0.4) | 0.1 (0.3) |
| Adenosine (N=8) | 0.4 (0.5) | 0.4 (0.5) | 0.3 (0.5) | 0.4 (0.5) | 0.4 (0.5) | 0.0 (0.0) |
| Dipyridamole (N=9) | 0.2 (0.4) | 0.8 (0.4) | 0.6 (0.5) | 0.2 (0.7) | 0.1 (0.3) | 0.1 (0.3) |
| 4. Administration of PSA | | | | | | |
| Regadenoson (N=47) | 0.9 (0.2) | 0.8 (0.5) | 0.5 (0.5) | 0.2 (0.5) | 0.3 (0.5) | 0.1 (0.4) |
| Adenosine (N=8) | 1.0 (0.5) | 0.8 (0.7) | 0.4 (0.5) | 0.4 (0.5) | 0.5 (0.5) | 0.0 (0.0) |
| Dipyridamole (N=9) | 0.7 (0.5) | 1.0 (0.5) | 0.6 (0.5) | 0.0 (0.0) | 0.2 (0.4) | 0.1 (0.3) |
| 4a. Managing adverse reactions | | | | | | |
| Regadenoson (N=47) | 0.6 (0.5) | 0.8 (0.5) | 0.6 (0.5) | 0.3 (0.5) | 0.3 (0.4) | 0.1 (0.4) |
| Adenosine (N=8) | 0.5 (0.5) | 0.8 (0.7) | 0.4 (0.5) | 0.4 (0.5) | 0.4 (0.5) | 0.0 (0.0) |
| Dipyridamole (N=9) | 0.6 (0.5) | 1.0 (0.7) | 0.6 (0.5) | 0.0 (0.0) | 0.0 (0.0) | 0.1 (0.3) |
| 5. SPECT-MI following PSA | | | | | | |
| Regadenoson (N=47) | 1.0 (0.3) | 0.4 (0.5) | 0.2 (0.4) | 0.1 (0.2) | 0.1 (0.3) | 0.1 (0.3) |
| Adenosine (N=8) | 1.1 (0.6) | 0.5 (0.8) | 0.1 (0.4) | 0.4 (0.5) | 0.3 (0.5) | 0.0 (0.0) |
| Dipyridamole (N=9) | 0.9 (0.3) | 0.8 (0.7) | 0.6 (0.5) | 0.0 (0.0) | 0.1 (0.3) | 0.1 (0.3) |
| 6. Post-test monitoring | | | | | | |
| Regadenoson (N=47) | 0.3 (0.5) | 0.2 (0.5) | 0.0 (0.2) | 0.0 (0.2) | 0.1 (0.3) | 0.0 (0.2) |
| Adenosine (N=8) | 0.5 (0.8) | 0.5 (0.8) | 0.0 (0.0) | 0.3 (0.5) | 0.4 (0.5) | 0.0 (0.0) |
| Dipyridamole (N=9) | 0.2 (0.4) | 0.4 (0.7) | 0.0 (0.0) | 0.0 (0.0) | 0.1 (0.3) | 0.0 (0.0) |

PSA, pharmacological stress agent; SD, standard deviation; SPECT-MI, single-photon emission computed tomography myocardial perfusion imaging.

\(^a\) Center level data has been presented for centers that use each PSA.