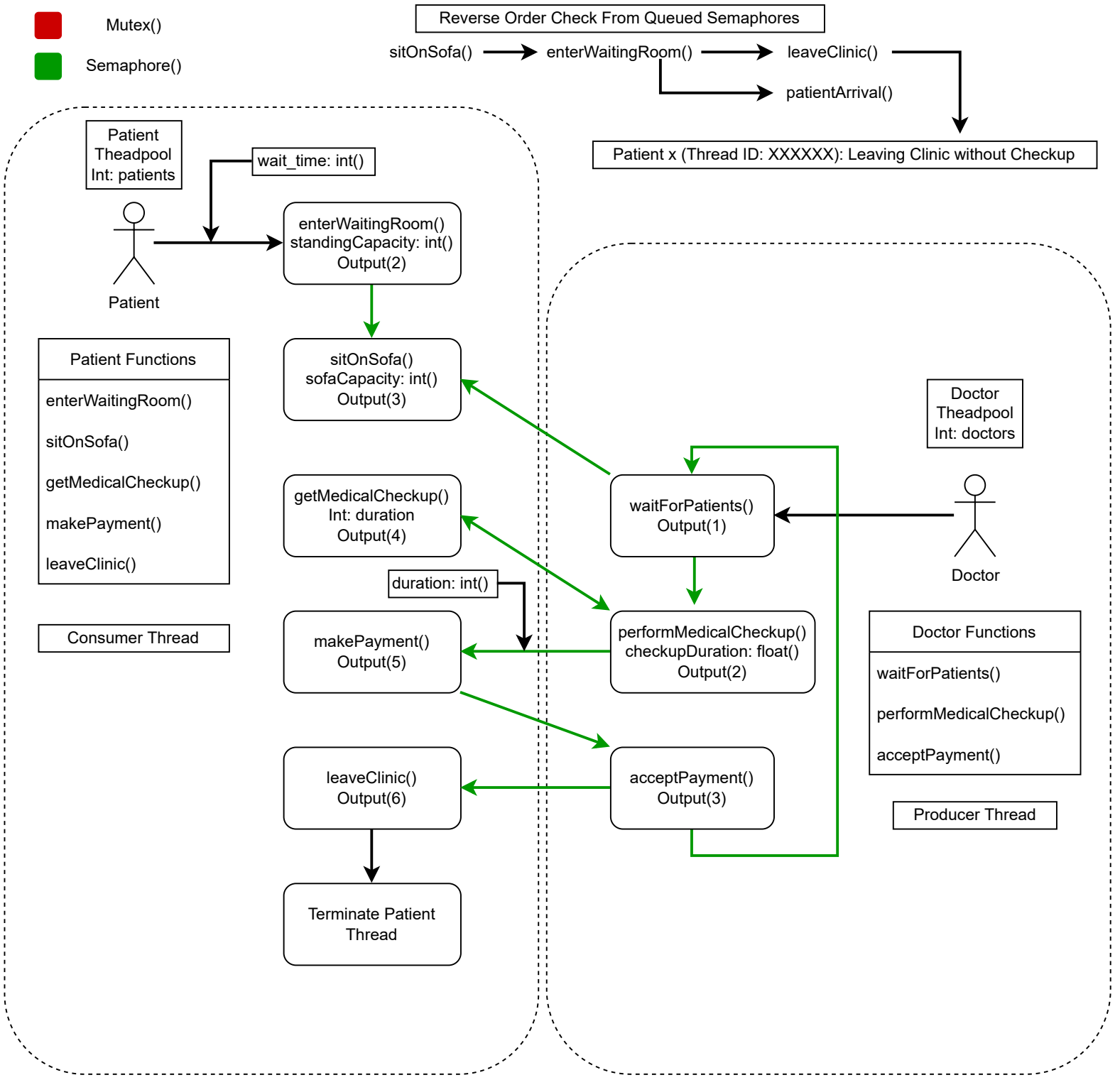

Patient Output Statements (Mutex Locks)
1. Patient x (Thread ID: XXXXXX): Arriving at the Clinic
2. Patient x (Thread ID: XXXXXX): Standing in the Waiting Room
3. Patient x (Thread ID: XXXXXX): Sitting on Sofa in the Waiting Room
4. Patient x (Thread ID: XXXXXX): Getting Checkup
5. Patient x (Thread ID: XXXXXX): Making Payment to Medical Professiona
6. Patient x (Thread ID: XXXXXX): Leaving Clinic after Receiving Checkup

Medical Professional Output Statements (Mutex Locks)
1. Medical Professional x (Thread ID: XXXXXX): Waiting for Patient
2. Medical Professional x (Thread ID: XXXXXX): Checking Patient x
3. Medical Professional x (Thread ID: XXXXXX): Accepting Payment from Patient x