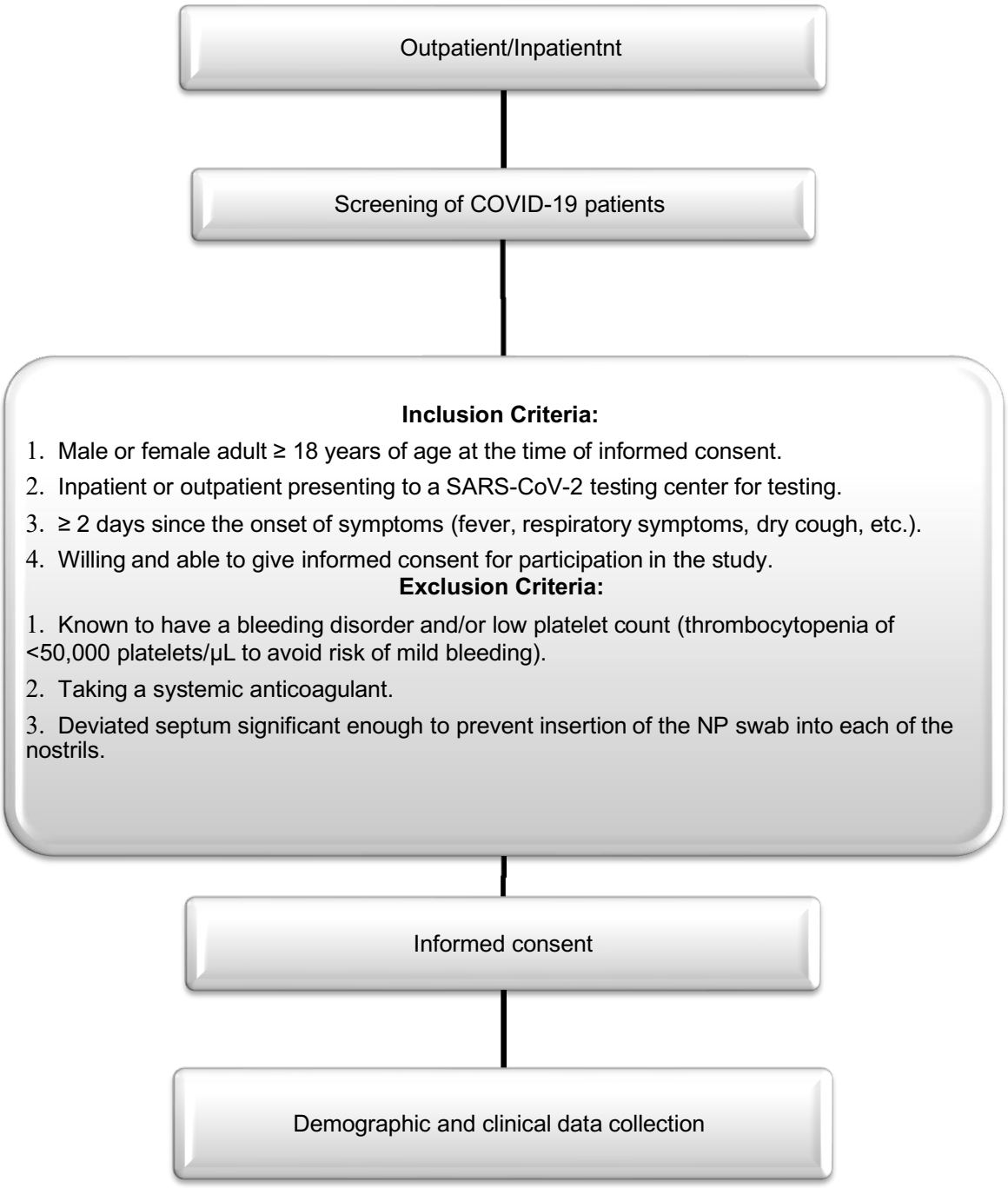Supplementary Figure 1a: Testing Flow Chart