Supplemental Digital Content 1. Sample size calculation

The estimated prevalence from previous studies was around 8% (P = 0.08).(1,2,6-11)

We aimed for a 95% level of confidence (Z = 1.96) and the precision corresponding to the effect size (d = 0.08 / 4 = 0.02).

In this way, the sample size (N) was calculated as:(16,17)

$(Z^2 P(1-P)) / d^2 =$

$(1.96^2 \cdot 0.08(1-0.08)) / 0.0004 =$

$(3.8416 \cdot 0.0736) / 0.0004 = 706,8544.$