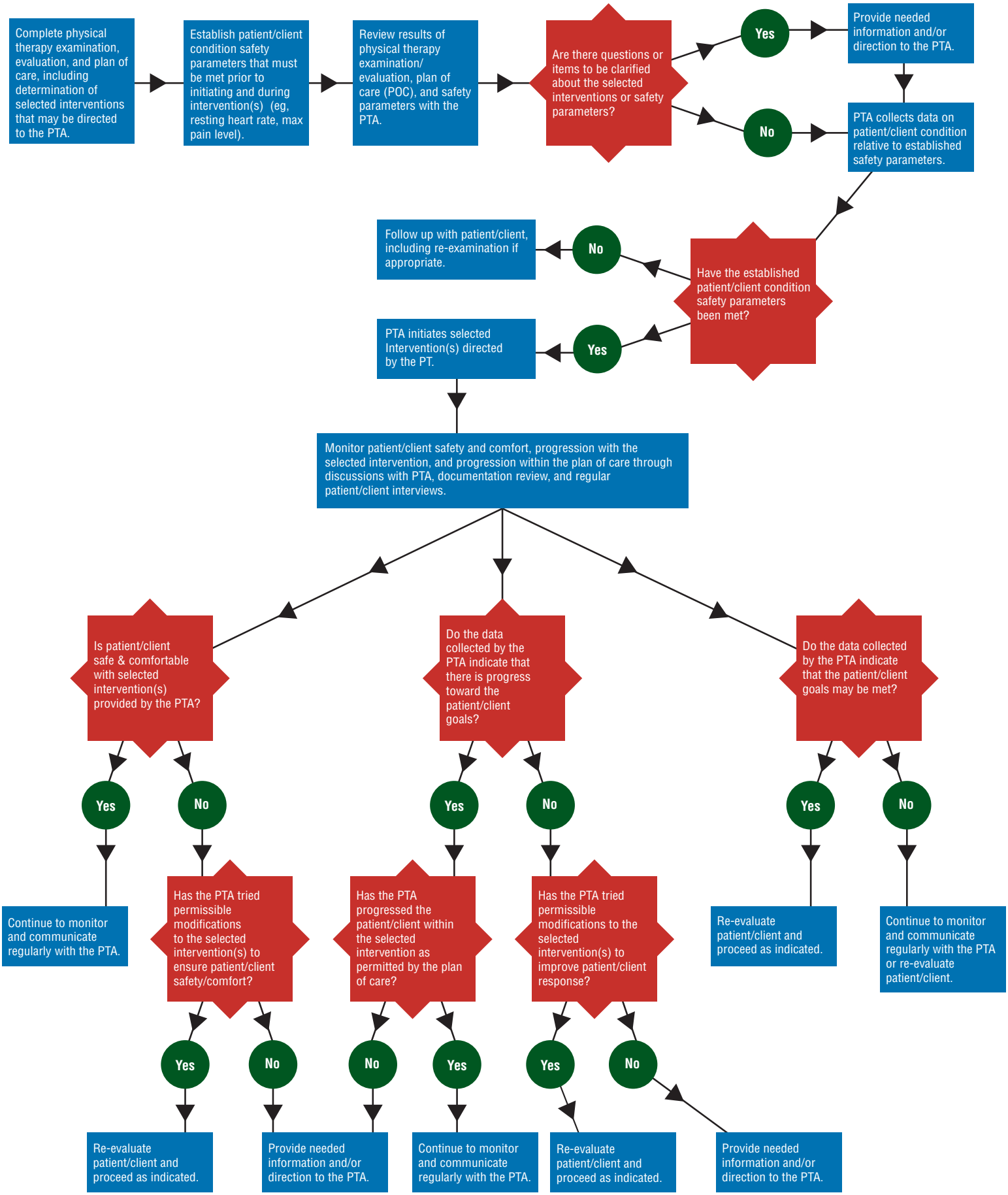
PTA Supervision Algorithm

(See Controlling Assumptions)