



FIGURE 2. Risk stratification pathways with categories based on Mass General Brigham and Vanderbilt allergy expert consensus before initial COVID-19 vaccination. *If "yes" for questions 1 or 2, specific investigation as to the specific injectable products and vaccines should be pursued to determine whether these products could have contained high-molecular-weight PEG, polysorbate, or polyoxyl 35 castor oil (paclitaxel). See Tables II, III, and IV. †Current CDC guidance suggests 30 minutes of observation for patients with any history of anaphylaxis. ‡See Figures 3 and 4 for expanded skin testing procedures and non-irritating skin test concentrations. If skin testing to PEG is positive, as of December 28, 2020, Pfizer-BioNTech and Moderna are the only FDA approved vaccines and under EUA can not be given to an individual with a history of anaphylaxis to a component of the COVID-19 mRNA vaccine. Skin testing to polysorbate 20 and 80 become more important for patients with confirmed severe PEG allergy with regards to the safety of future vaccinations.