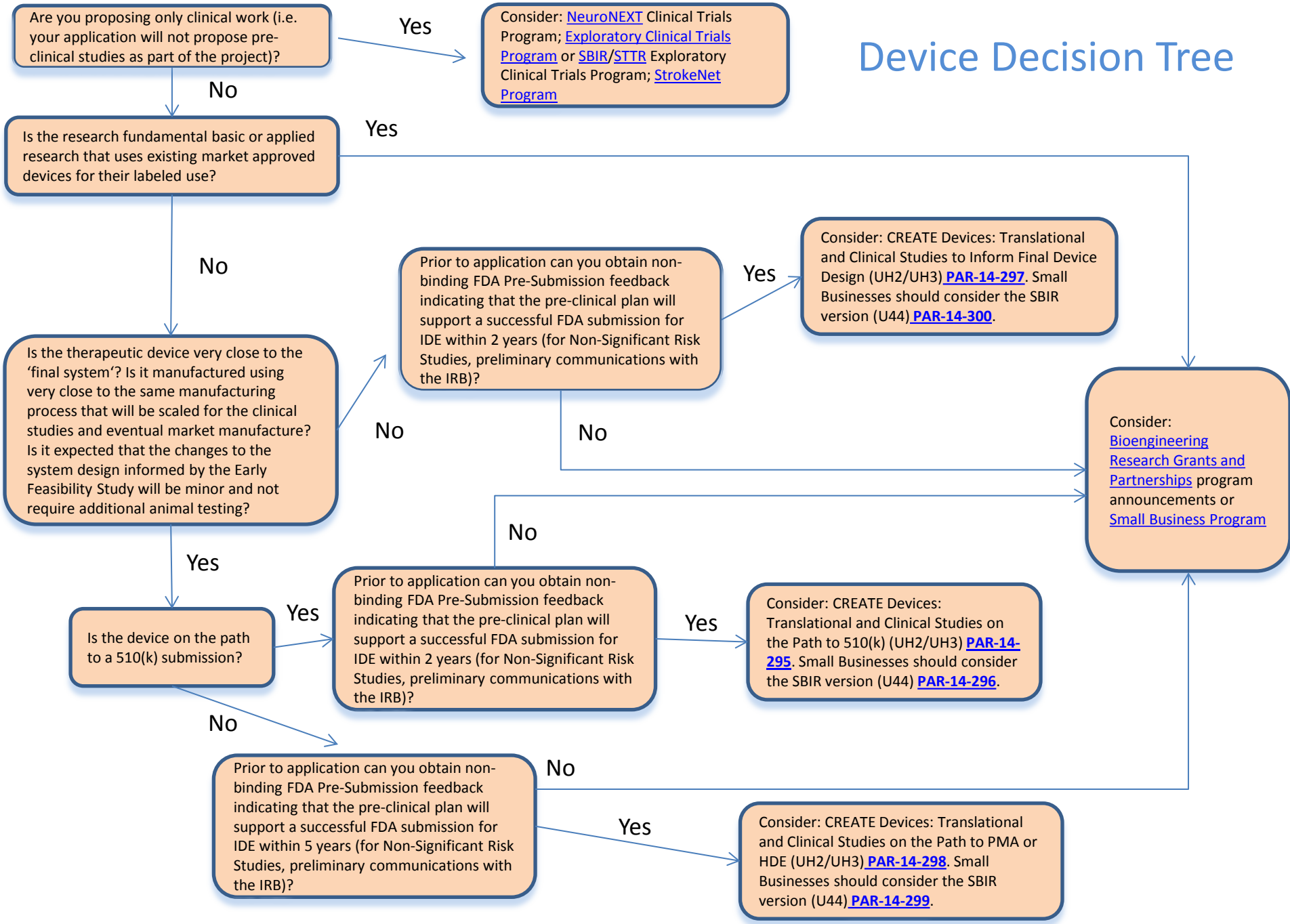Device Decision Tree