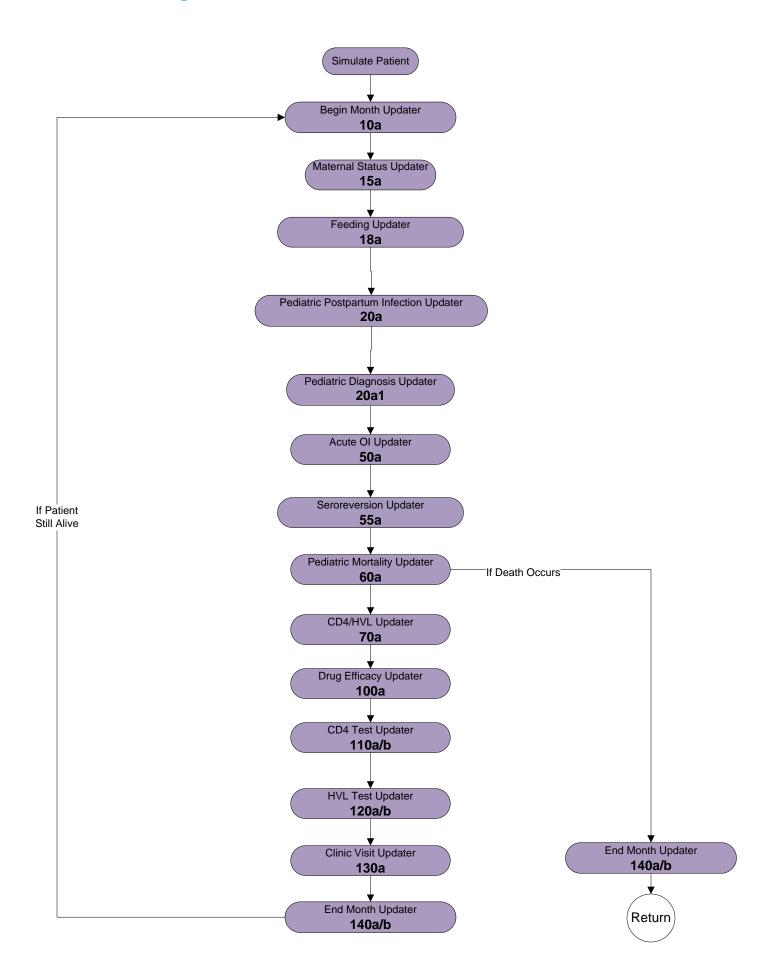
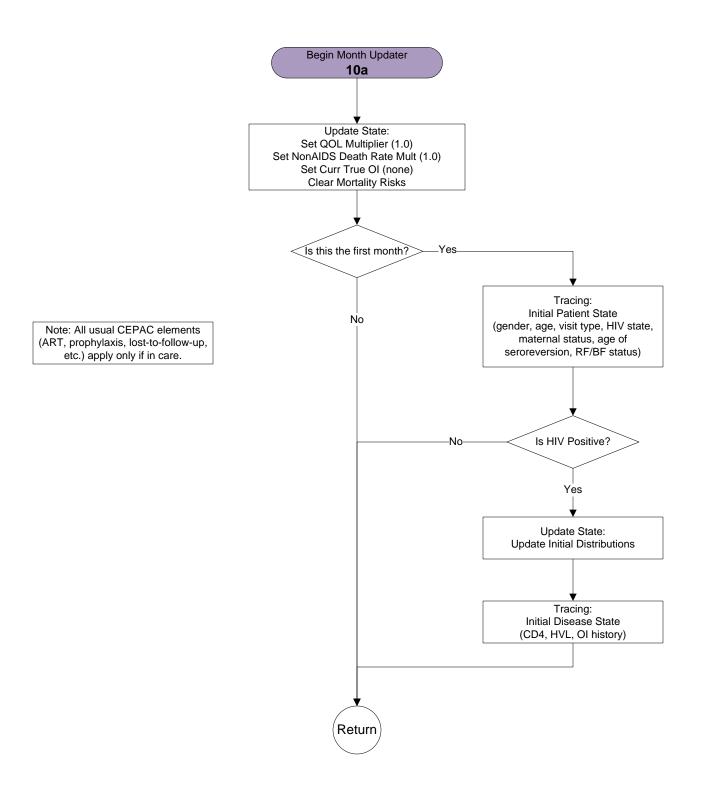
CEPAC-Pediatric Patient Simulation Flow Chart (United States and International)

Senior Programmer: Taige Hou

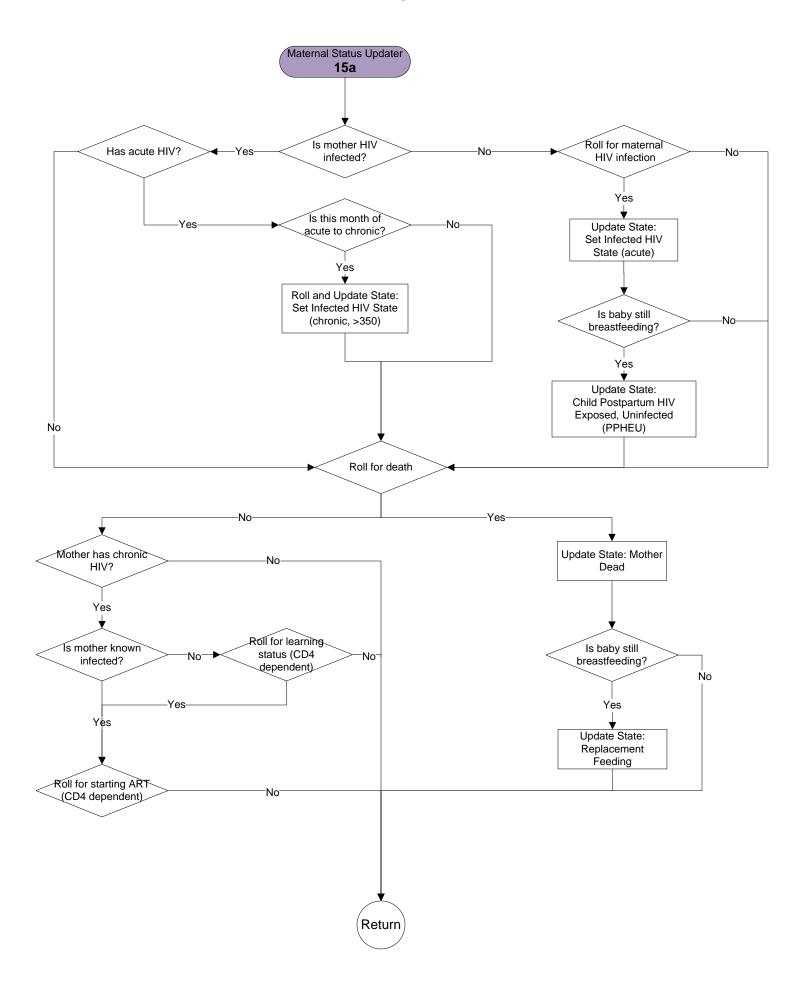
Ordering of Patient Simulation in CEPAC Pediatrics Model



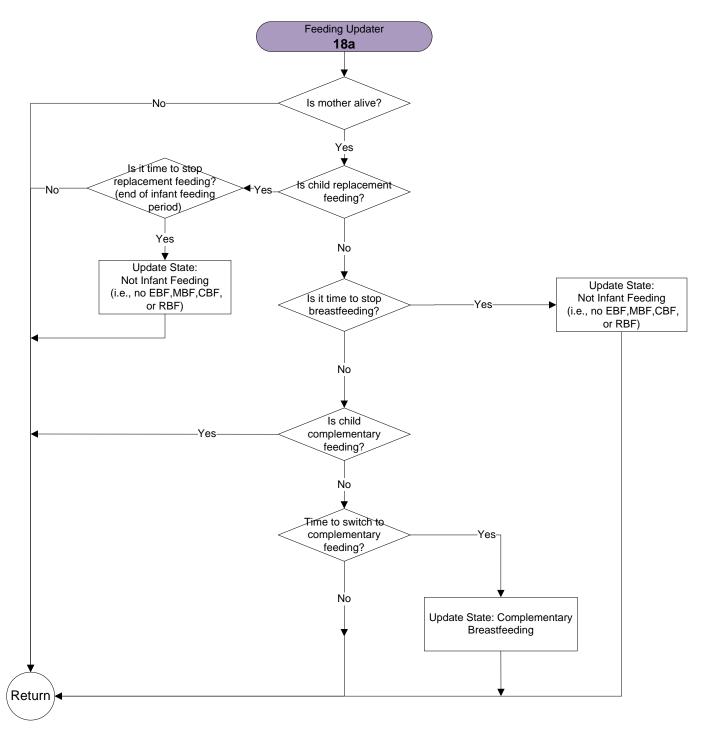
Begin Month Updater – 10a



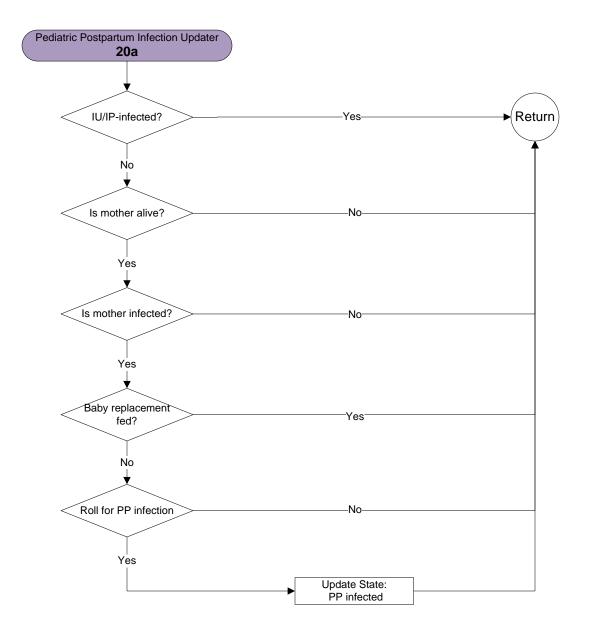
Maternal Status Updater – 15a

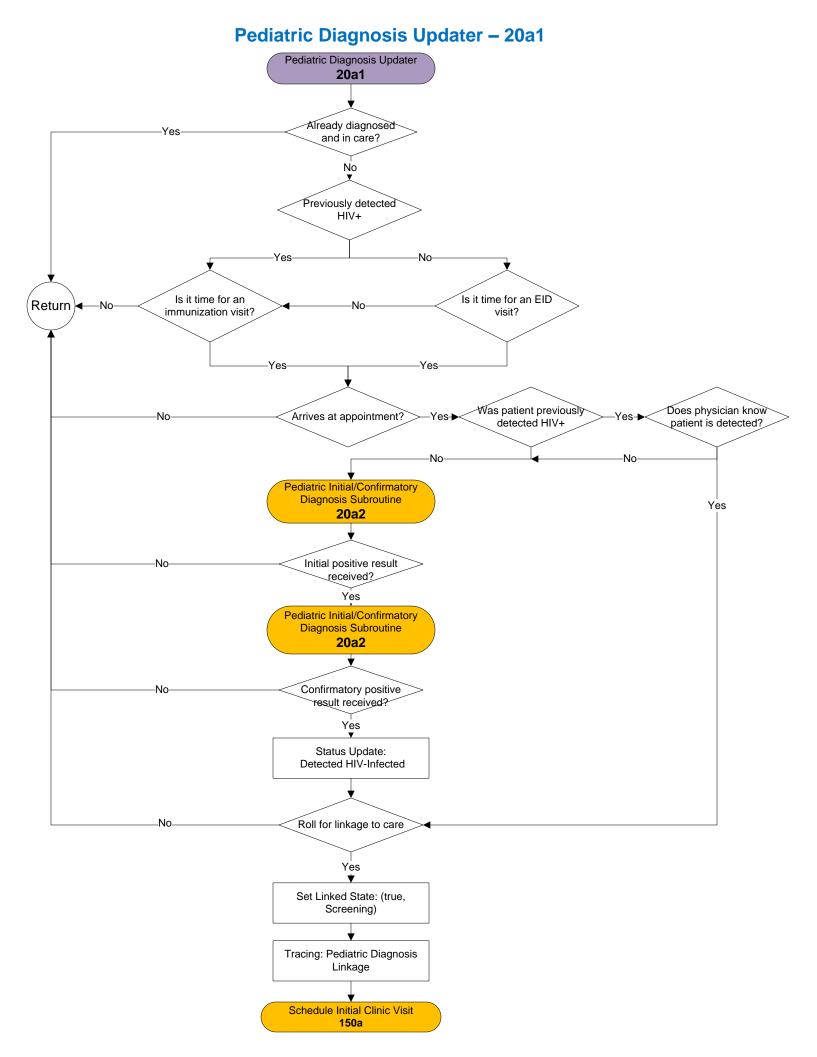


Feeding Updater – 18a

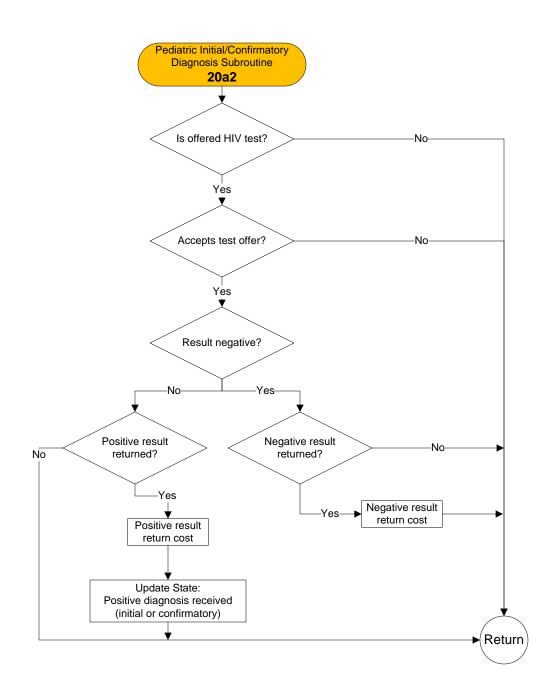


Pediatric True Infection Updater – 20a

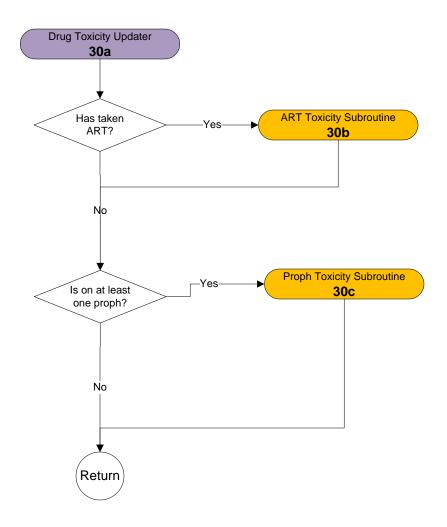




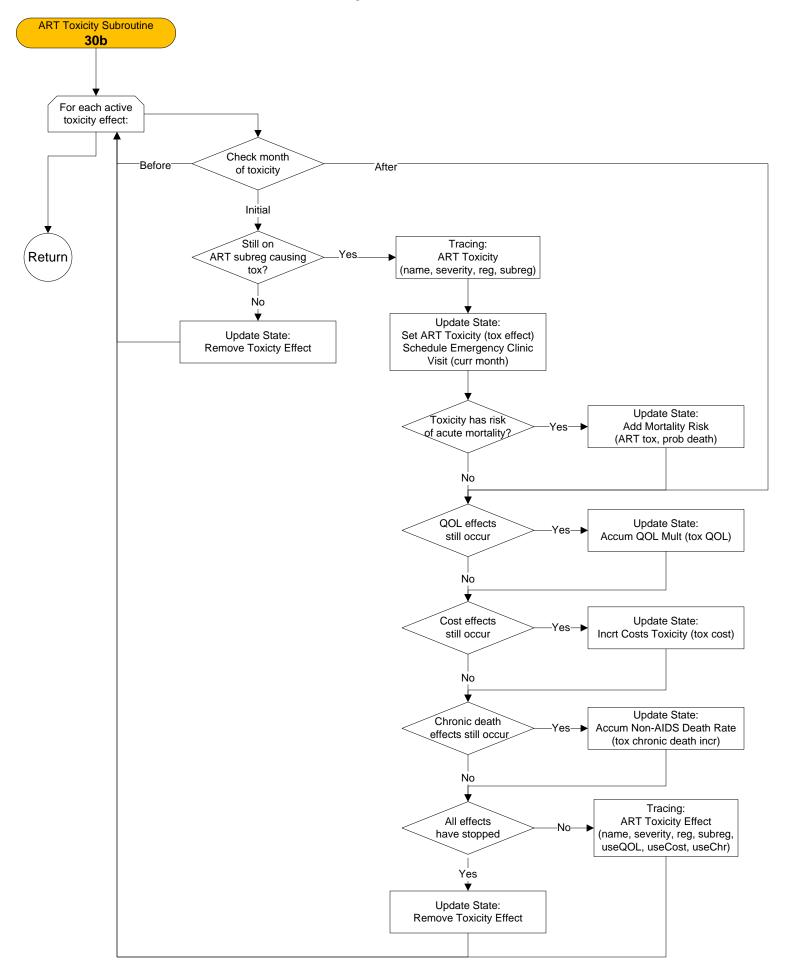
Pediatric Initial/Confirmatory Diagnosis Subroutine – 20a2



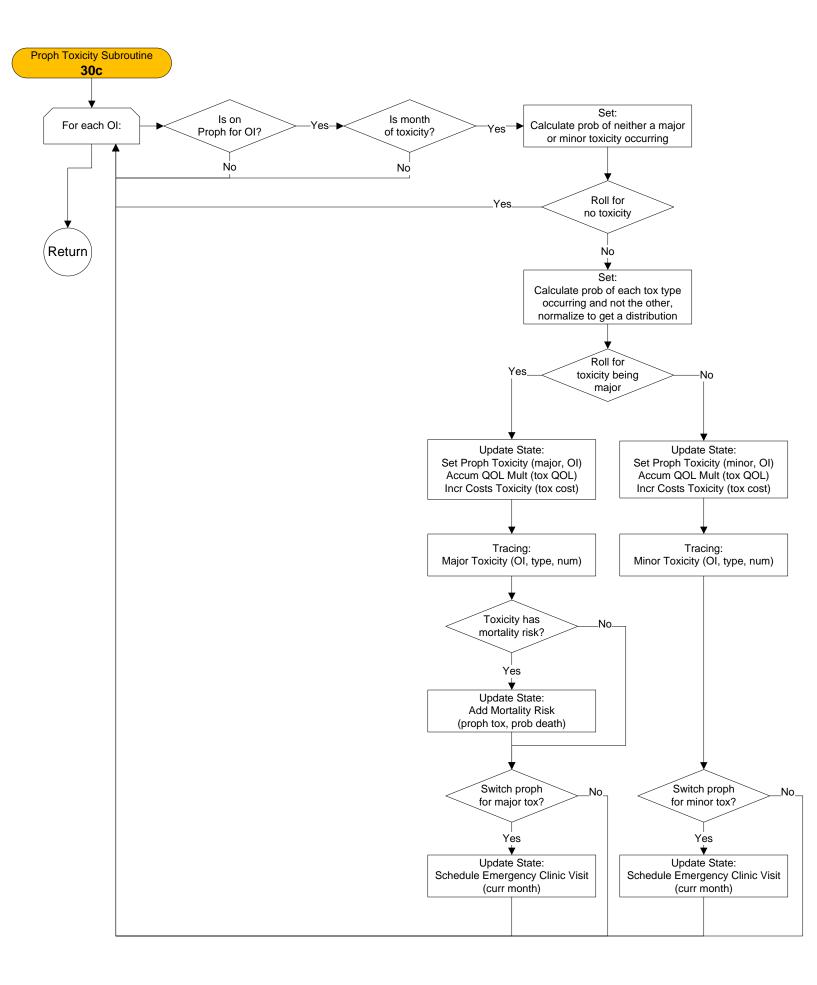
Drug Toxicity Updater – 30a



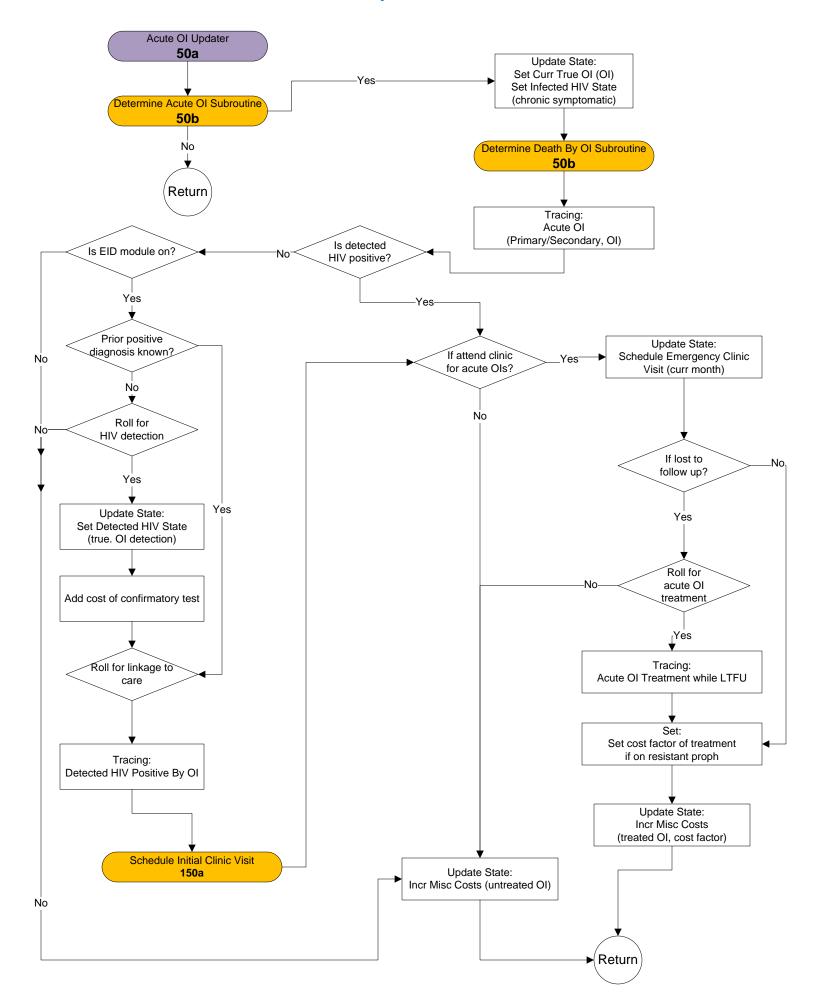
ART Toxicity Subroutine – 30b



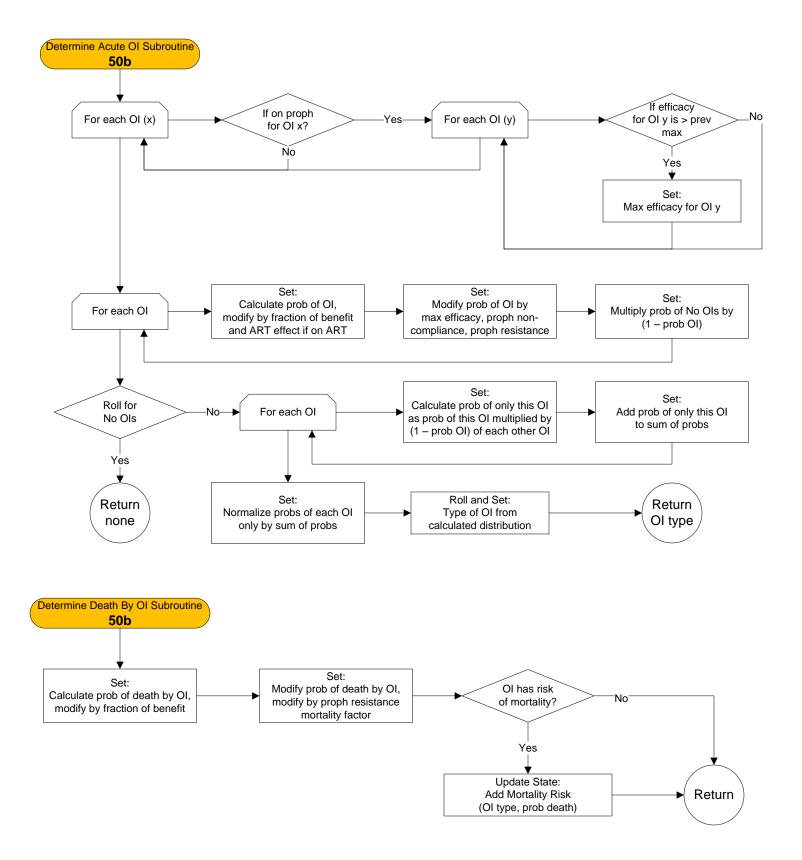
Proph Toxicity Subroutine – 30c



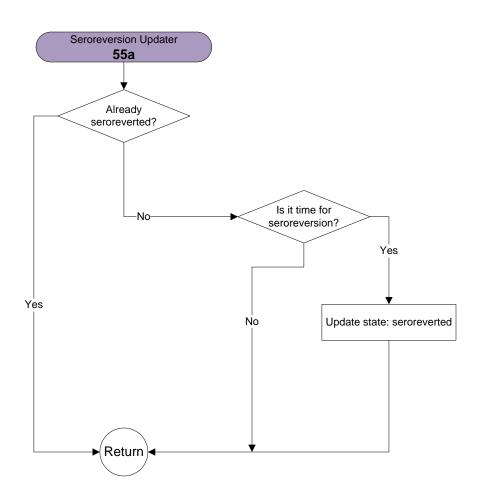
Acute OI Updater – 50a



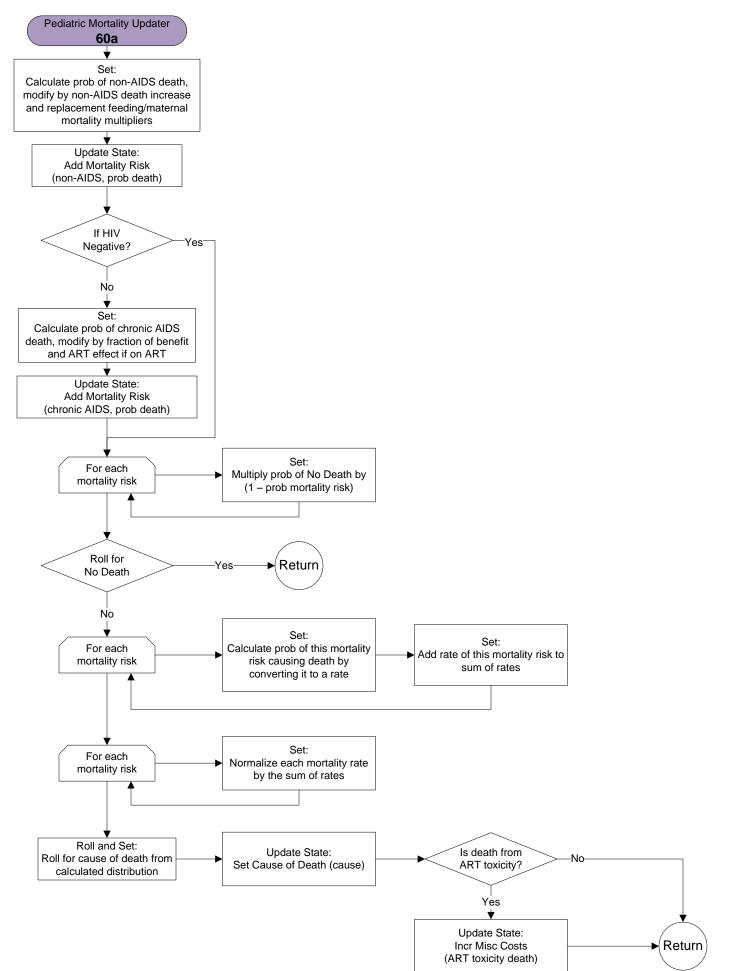
Determine Acute OI Subroutine and Determine Death By OI Subroutine – 50b



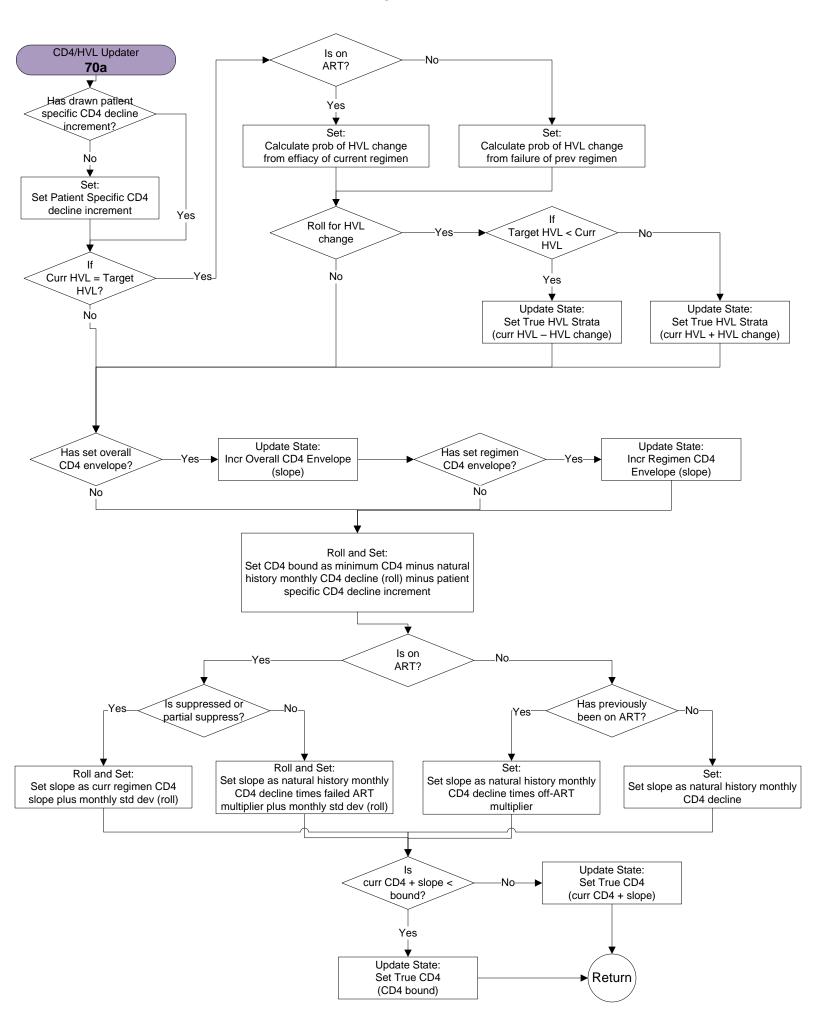
Seroreversion Updater – 55a



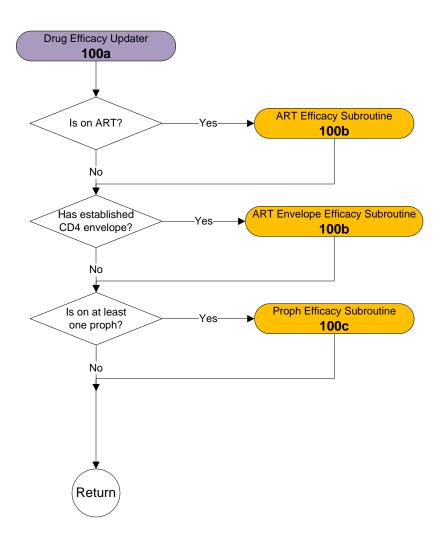
Pediatric Mortality Updater – 60a



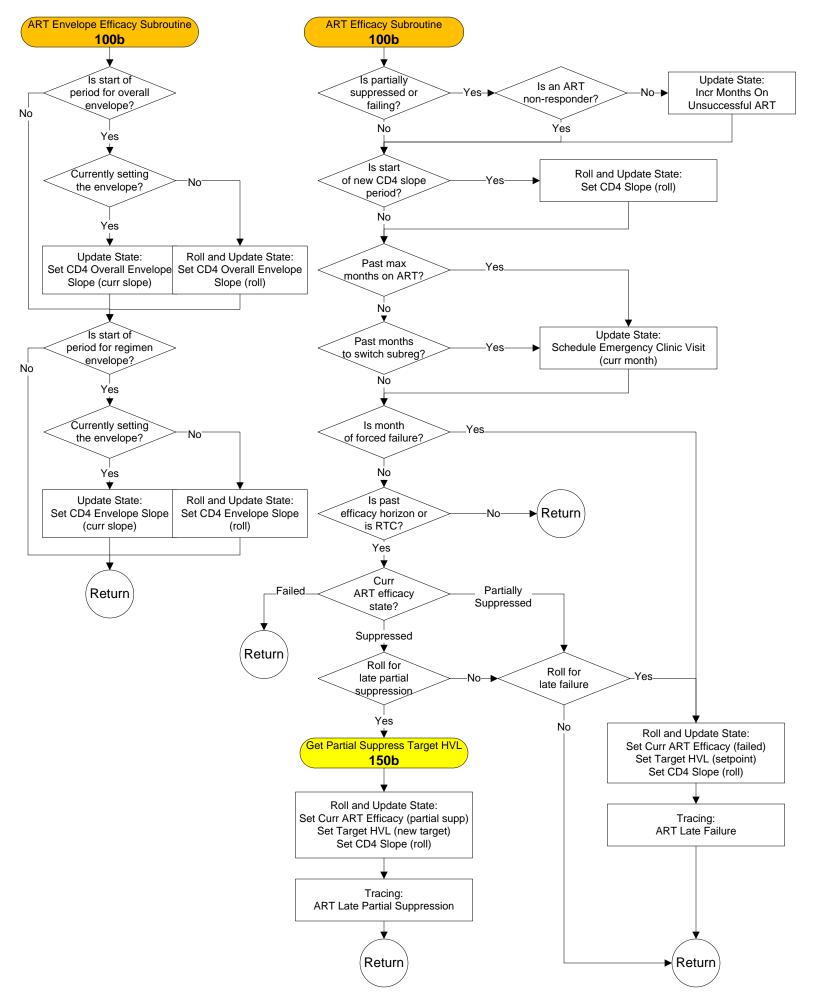
CD4/HVL Updater – 70a



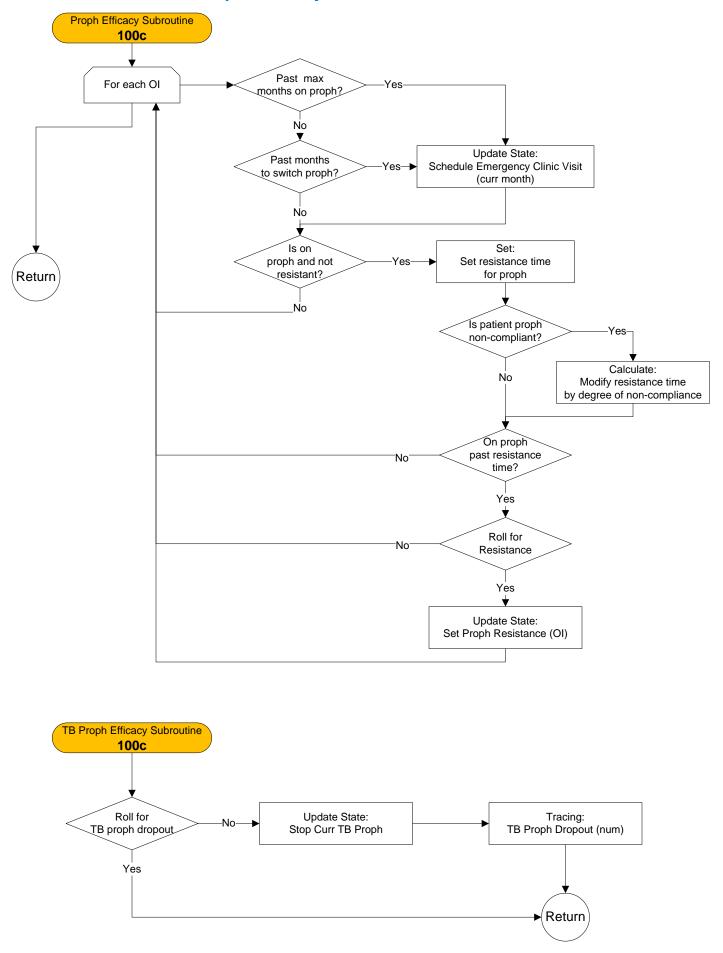
Drug Efficacy Updater – 100a



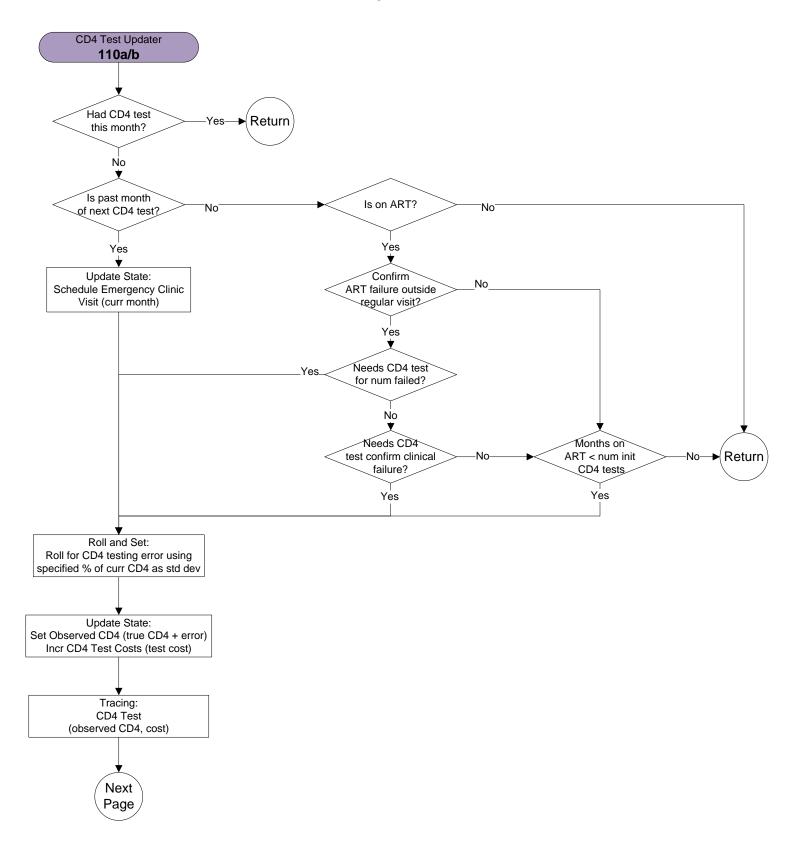
ART Efficacy Subroutine and ART Envelope Efficacy Subroutine – 100b

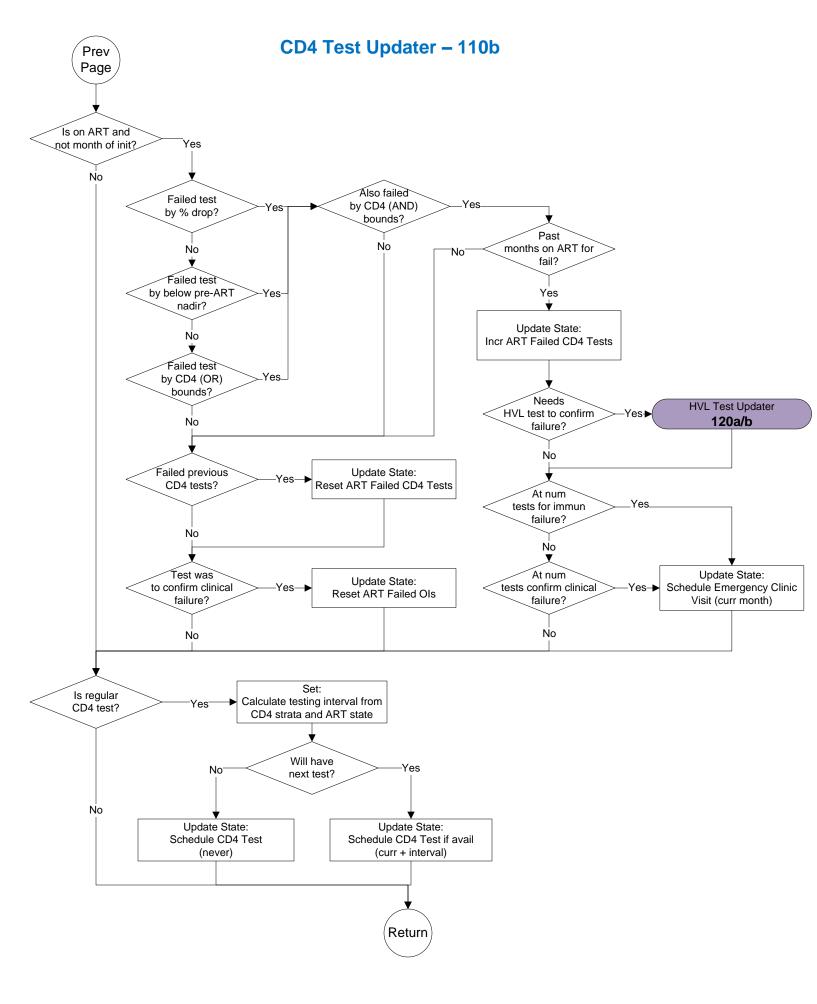


Proph Efficacy Subroutine and TB Proph Efficacy Subroutine – 100c

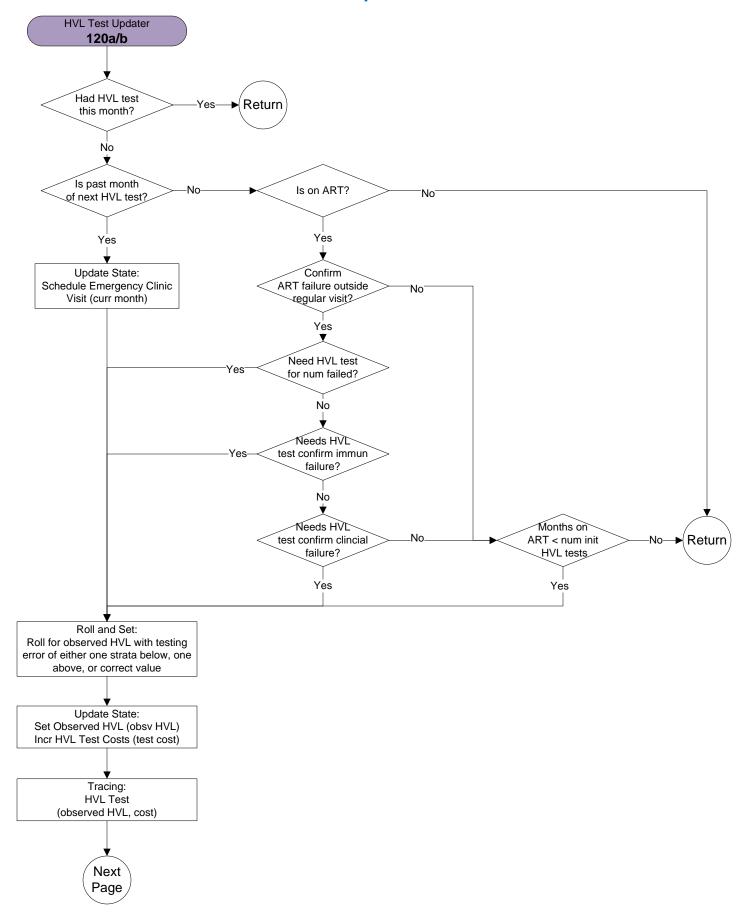


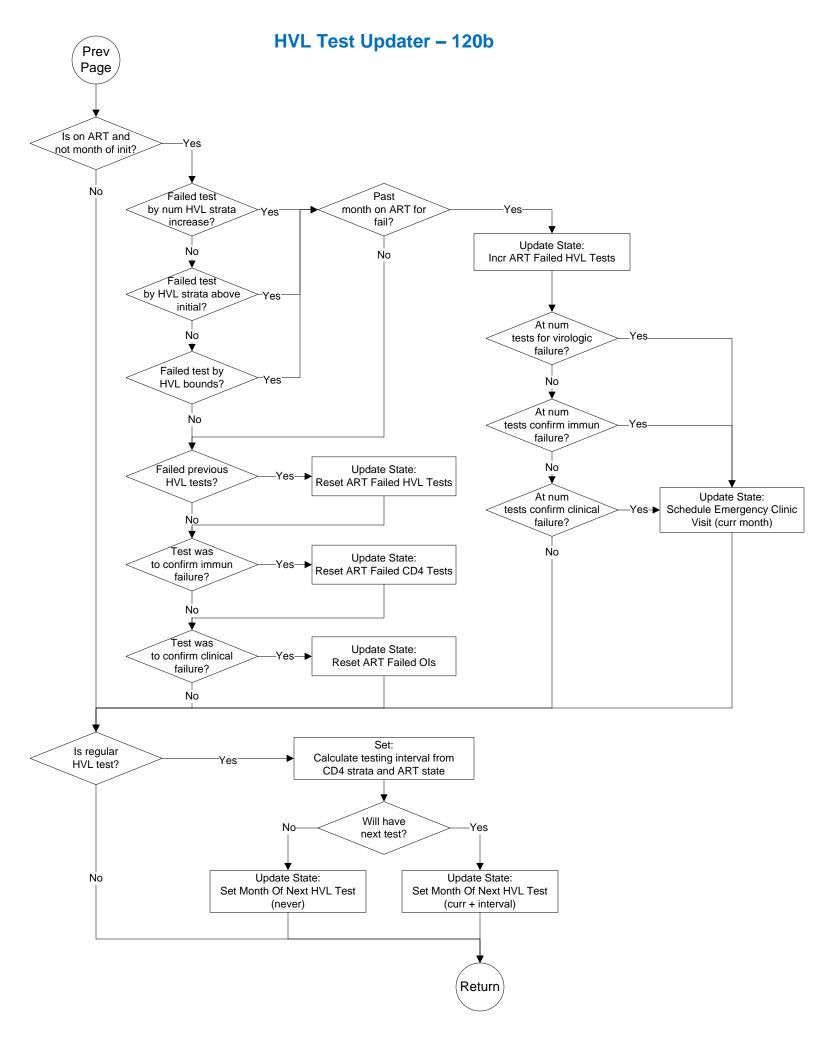
CD4 Test Updater – 110a



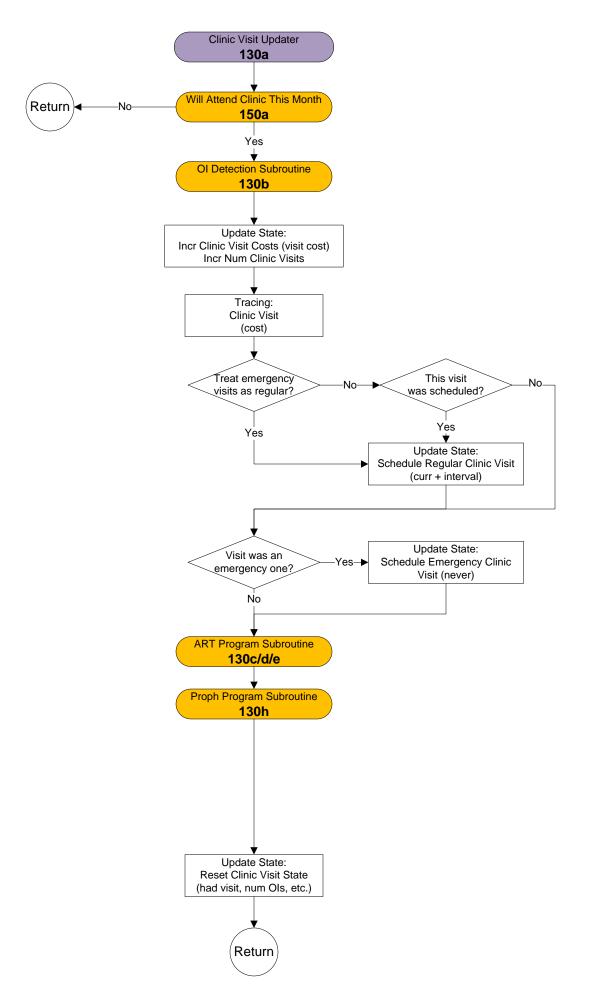


HVL Test Updater – 120a

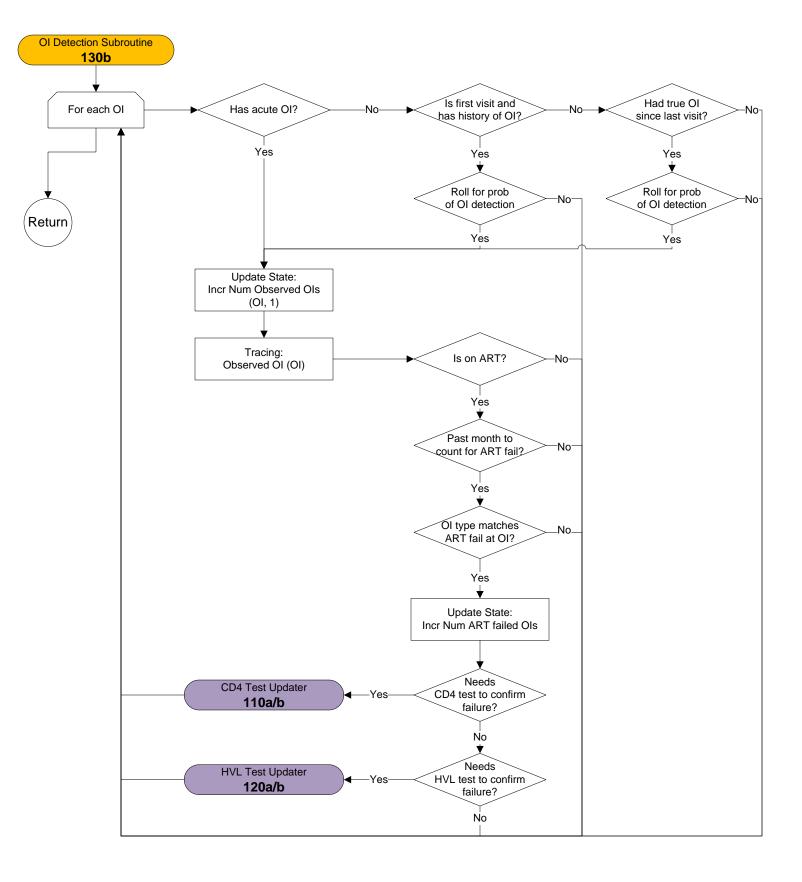




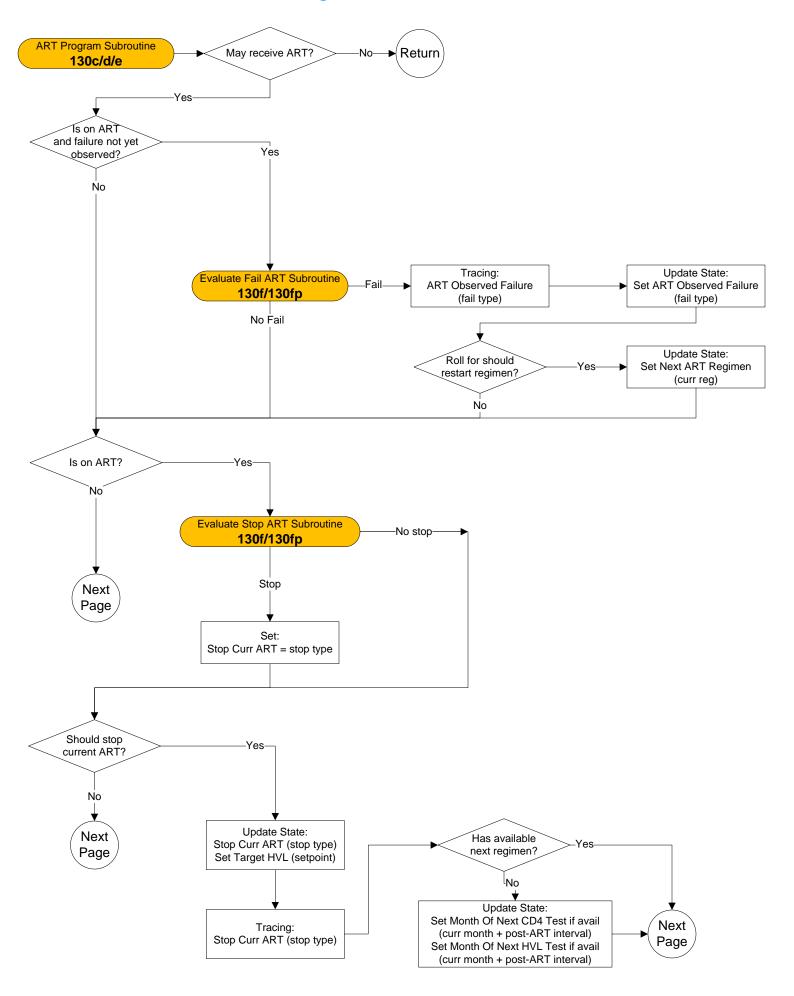
Clinic Visit Updater – 130a



OI Detection Subroutine – 130b

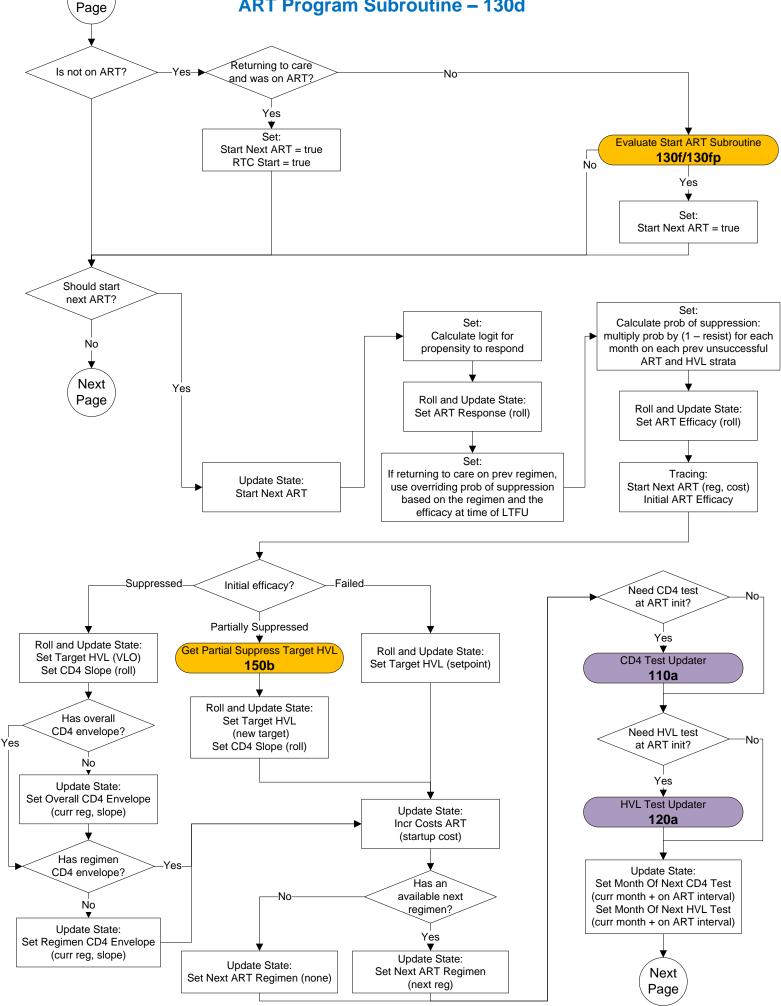


ART Program Subroutine – 130c

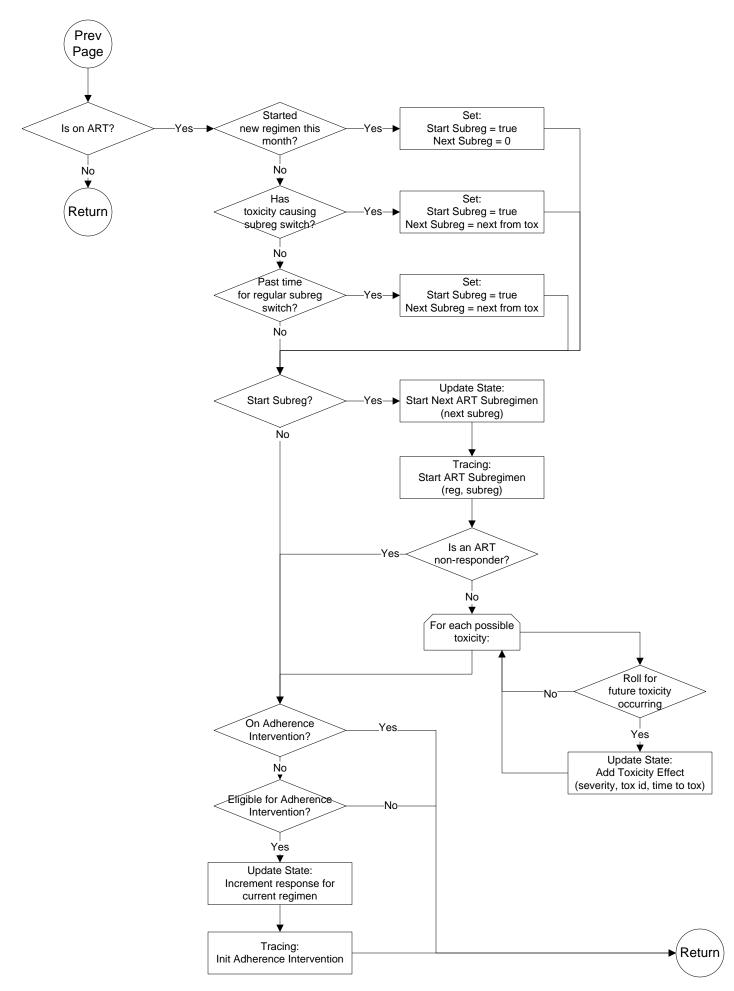


ART Program Subroutine – 130d

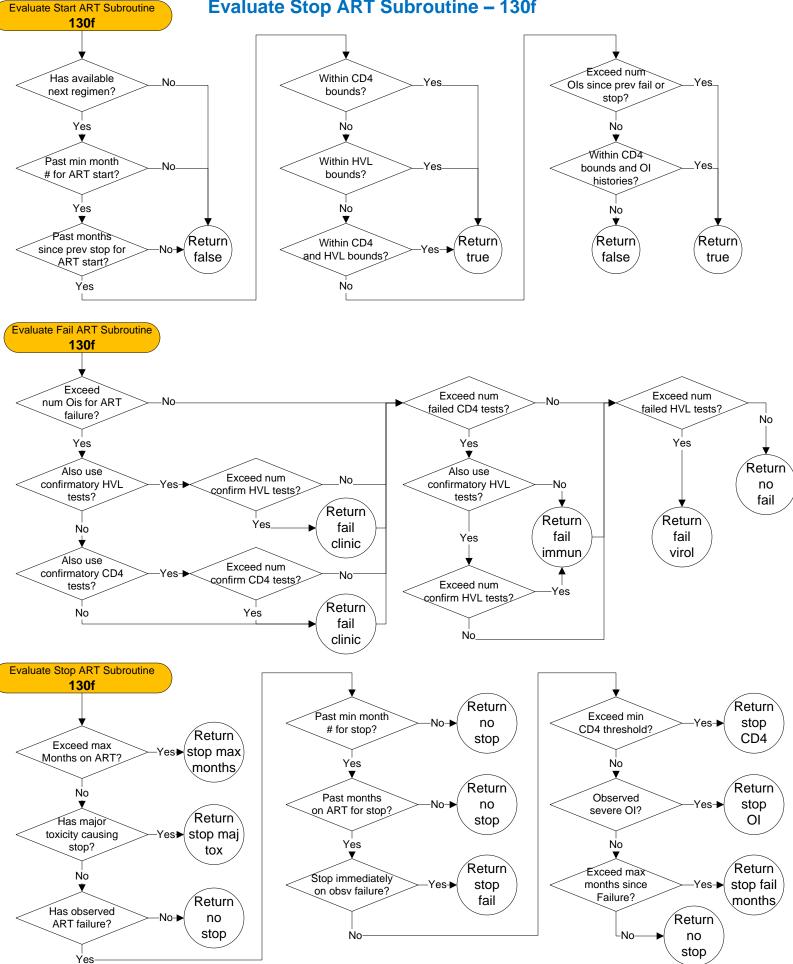
Prev



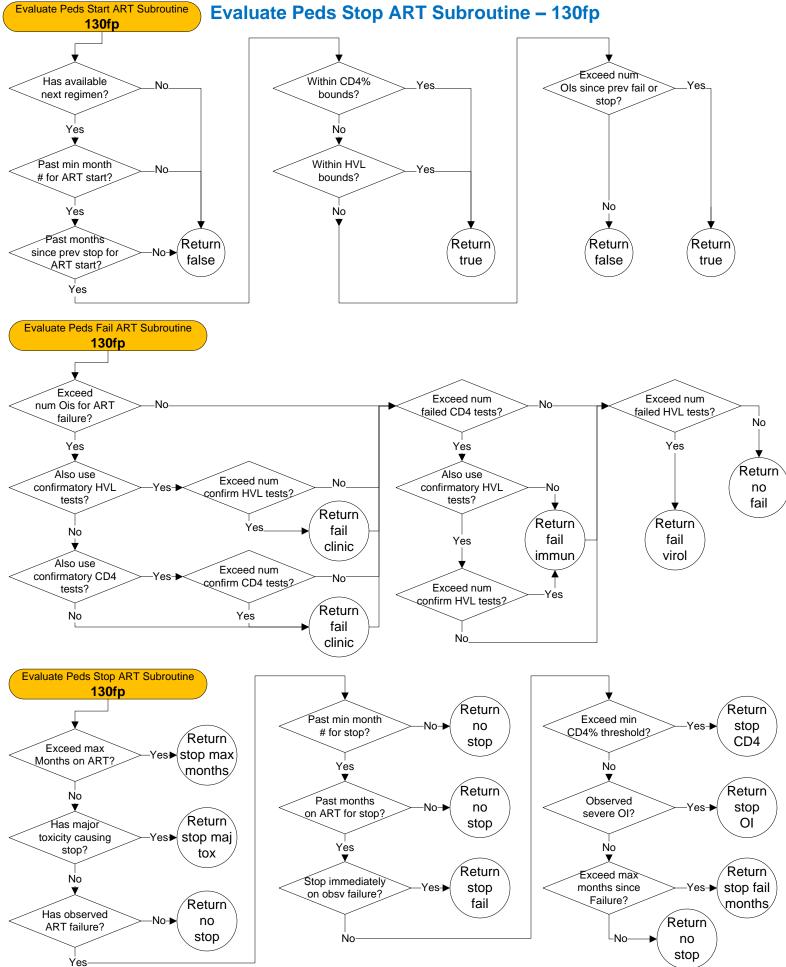
ART Program Subroutine – 130e

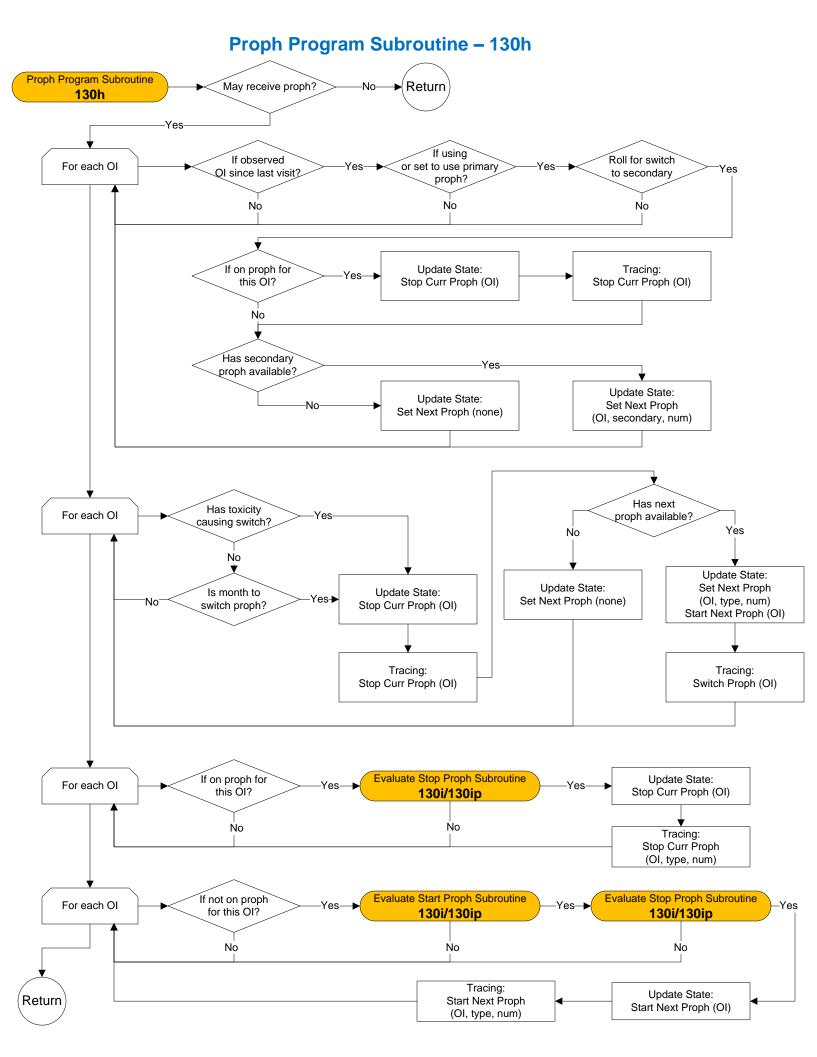




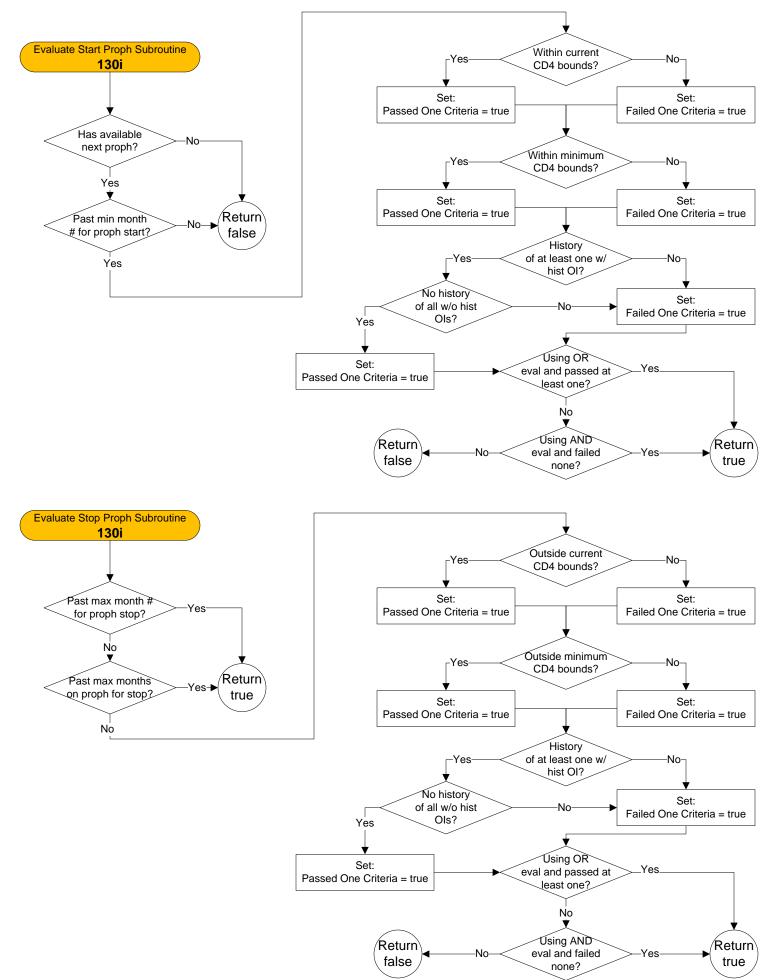


Evaluate Peds Start ART Subroutine and Evaluate Peds Fail ART Subroutine and Evaluate Peds Stop ART Subroutine – 130fp

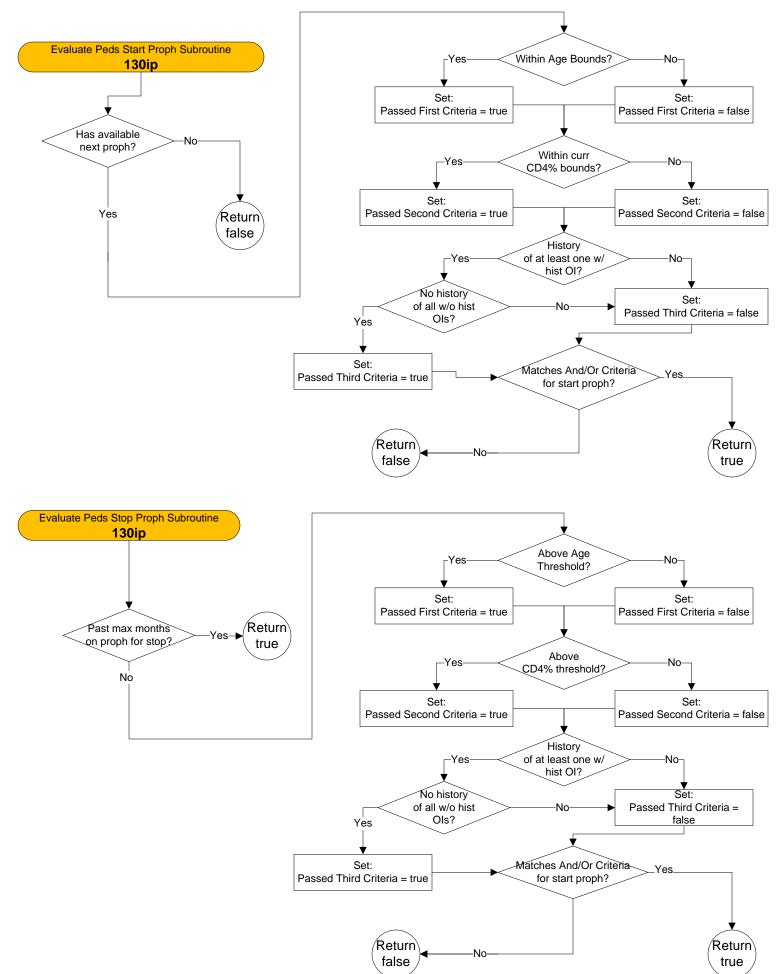




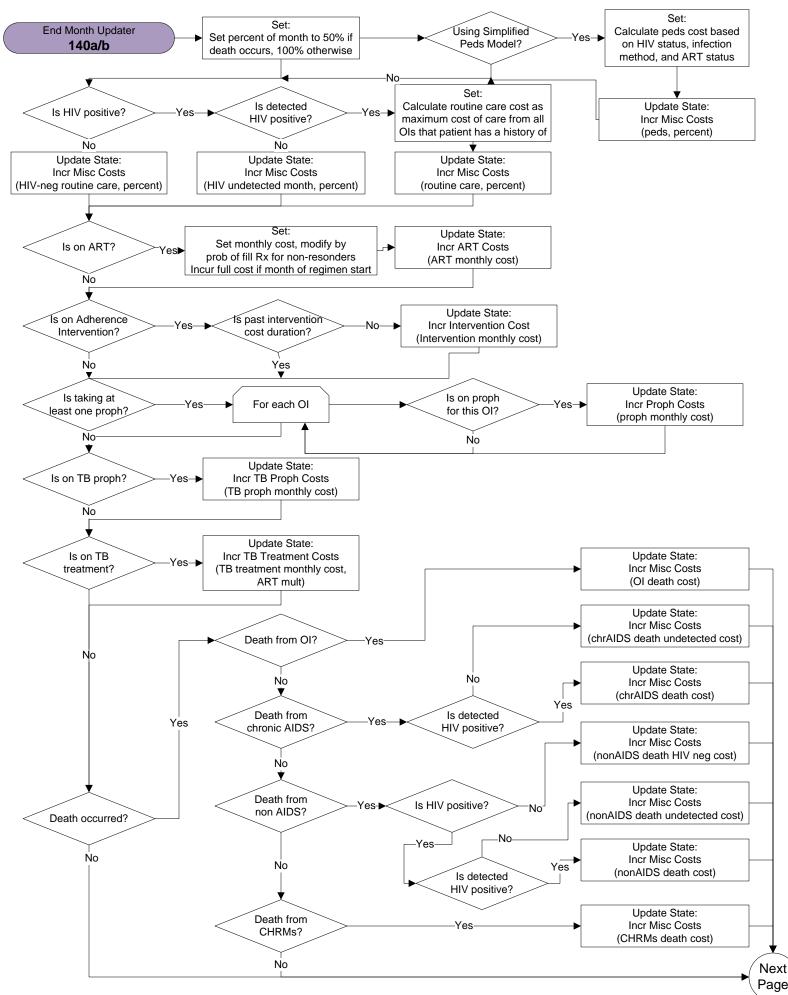
Evaluate Start Proph Subroutine and Evaluate Stop Proph Subroutine – 130i

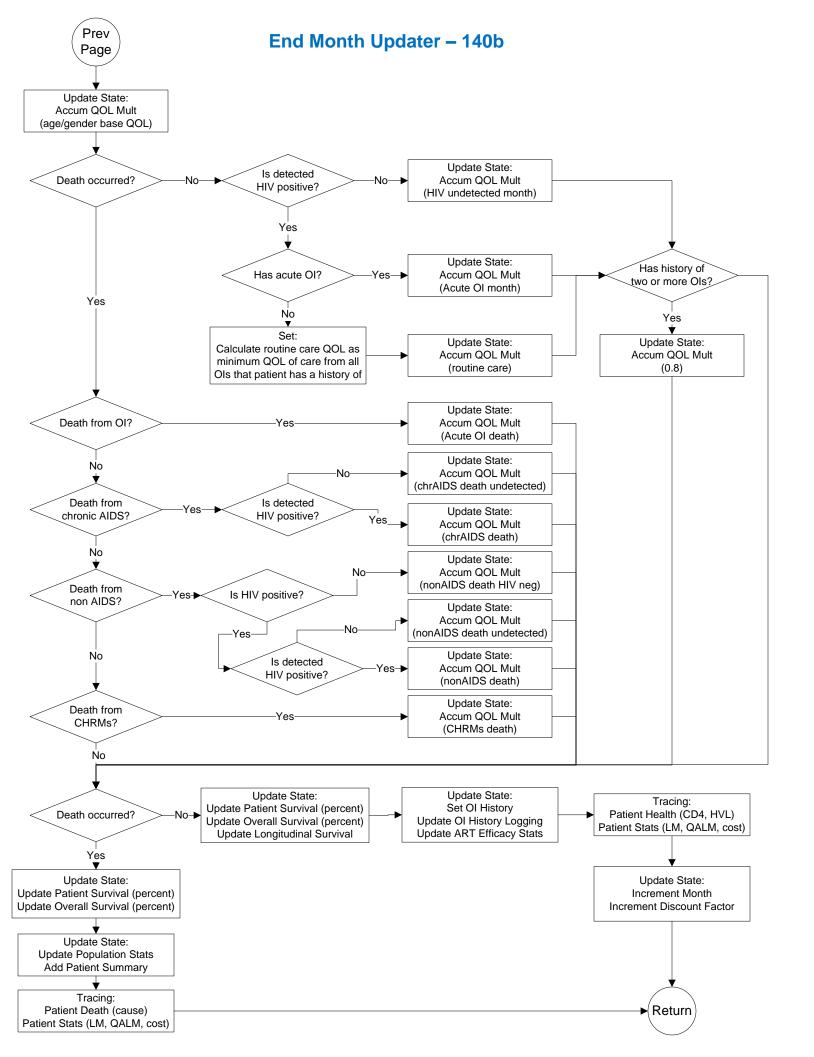


Evaluate Peds Start Proph Subroutine and Evaluate Peds Stop Proph Subroutine – 130ip

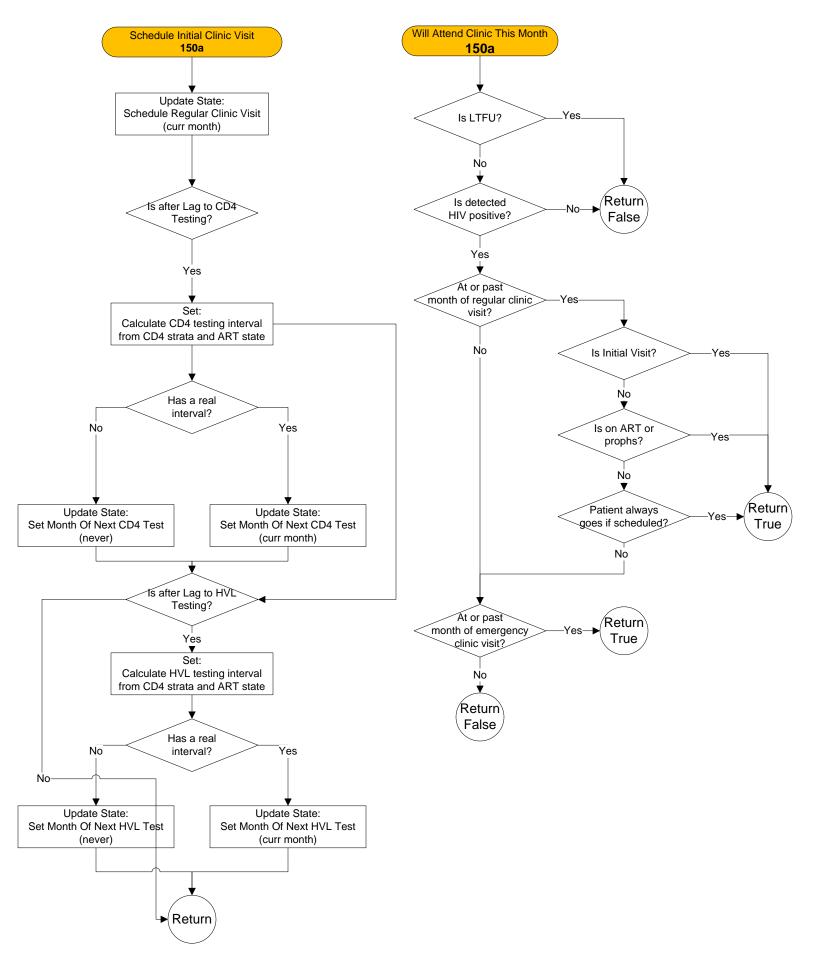


End Month Updater – 140a





Set Month Of Initial Clinic Visit and Will Attend Clinic This Month – 150a



Get Partial Suppress Target HVL – 150b

