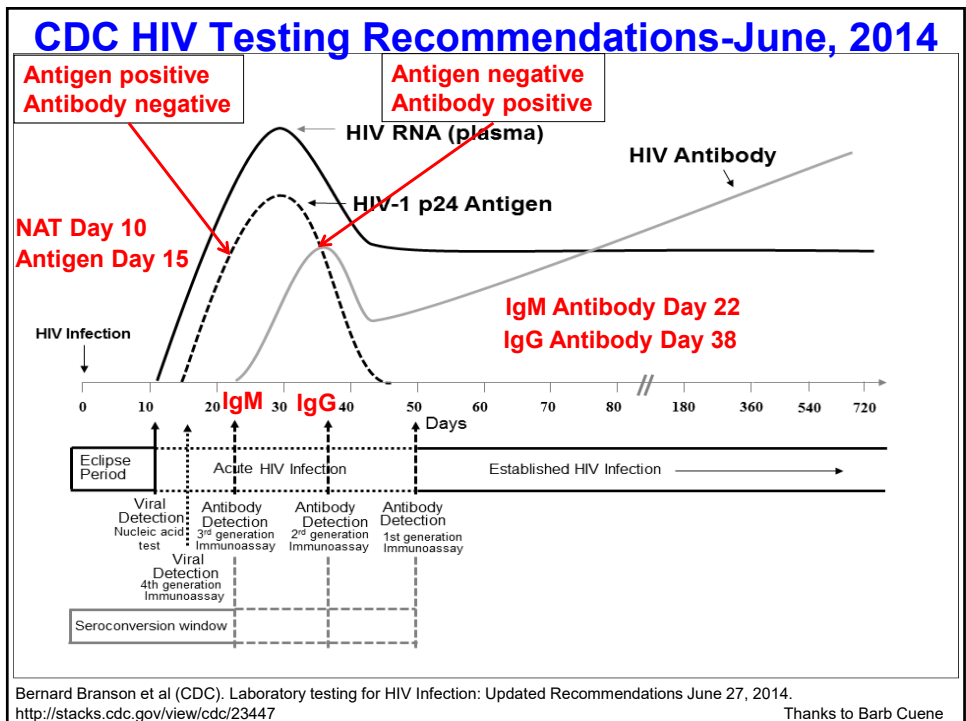


CDC HIV Testing Recommendations-June, 2014

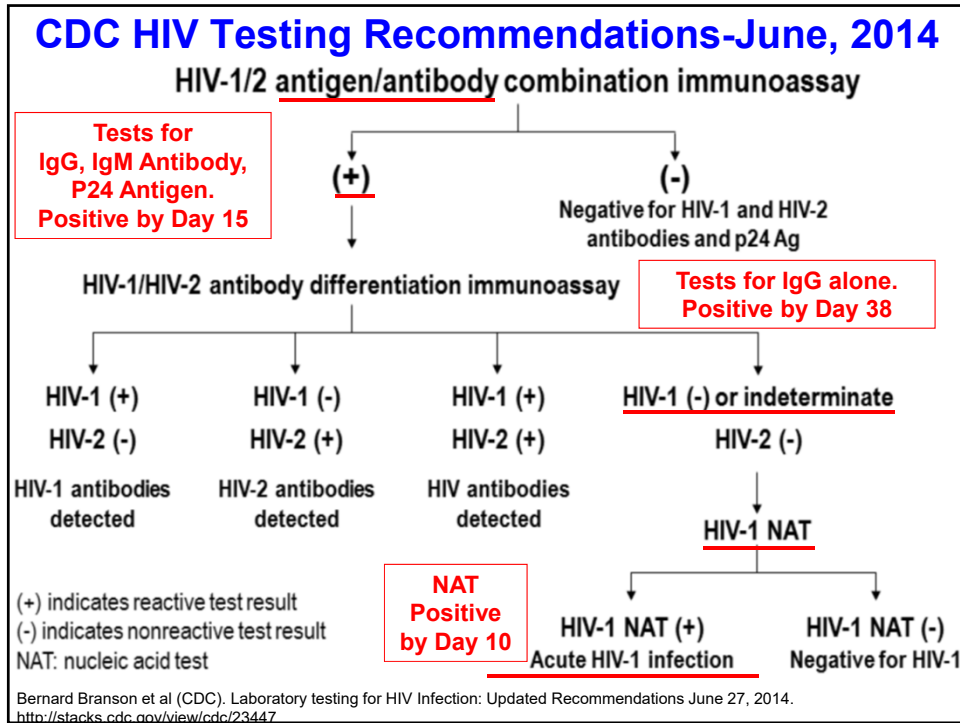
Day after HIV Acquisition	HIV Test	Then what happens
Day 0	HIV Infection	
Day 10	HIV RNA or DNA PCR (NAAT test)	Peaks about day 30 after infection. Plateaus around day 40.
Day 15	4th generation immunoassay (HIV antibody/antigen test) ** Detects antigen (p24)	The antigen marker, p24 peaks about 30 days after infection, rapidly decreases & may become undetectable about 45 days after infection
Day 22	3rd generation immunoassay (HIV antibody screen) **Detects IgM & IgG	The test marker, IgM, peaks at about 35 days then decreases until about 38 days when IgG antibodies are detectable using a 2nd generation test
Day 38	2nd generation immunoassay (HIV antibody screen and antibody differentiation tests such as the multispot) **Detects IgG	The test marker, IgG continues to increase until they are detectable by first generation tests and the western blot by day 45-50

Bernard Branson et al (CDC). Laboratory testing for HIV Infection: Updated Recommendations June 27, 2014. <http://stacks.cdc.gov/view/cdc/23447> Thanks to Barb Cuene

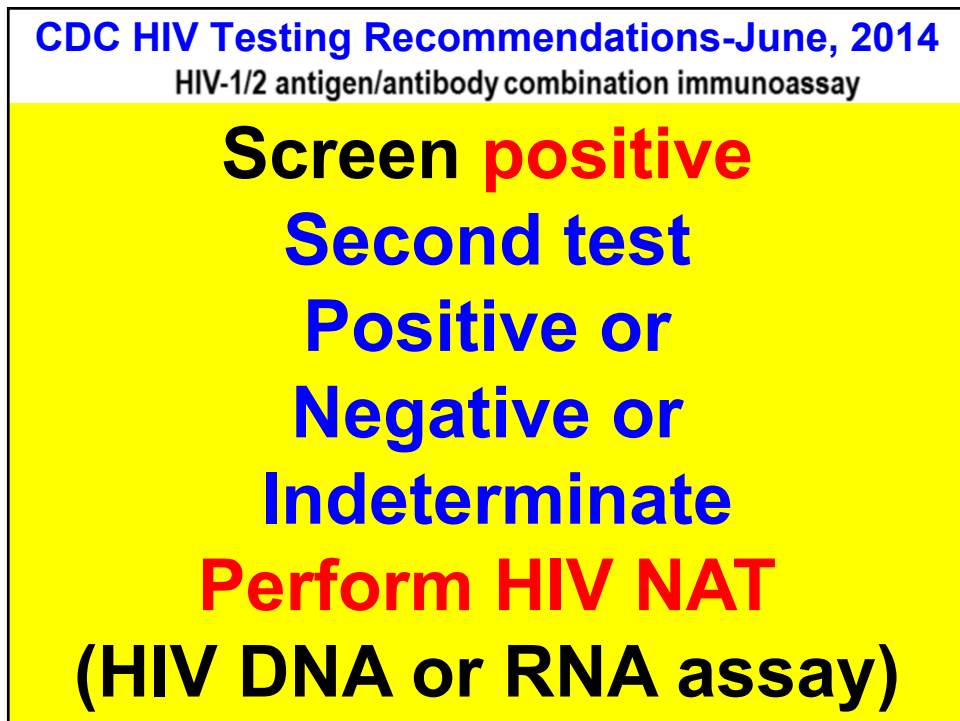
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