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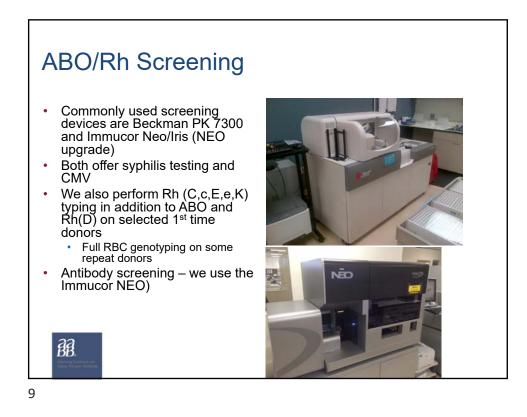


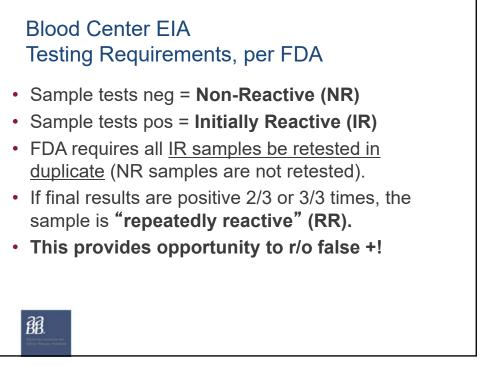
Current B	lood Don	or Tests 20)19
	Test	Methodology	-
	ABO/Rh	Agglutination	
	Red Cell Ab screen	Agglutination	
	Syphilis	Agglutination	
CMV testing is available, but not required	CMV	Agglutination	
	HBsAg	EIA	
	Anti-HBc	EIA	
FDA requires testing on first time donors only	Chagas	EIA	
	Anti-HIV-1/2 + group O	EIA	
	Anti-HTLV-I/II	EIA	
	Anti-HCV	EIA	
	HBV,HIV,HCV-NAT	Pooled PCR	
	WNV-NAT	IND or Pooled PCR	
	Babesia microti	IND or Pooled PCR	
	Zika Virus	IND or Pooled PCR	

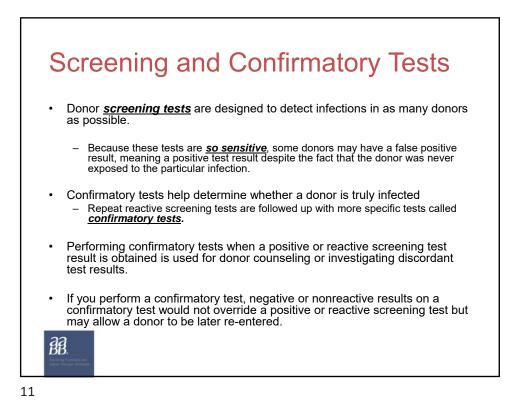
AABB Blood Banking & Transfusion Medicine 101 Course

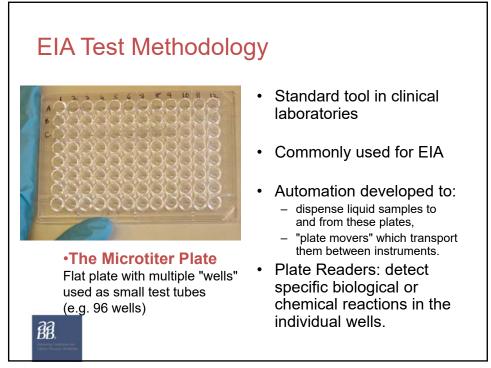
Slide 7

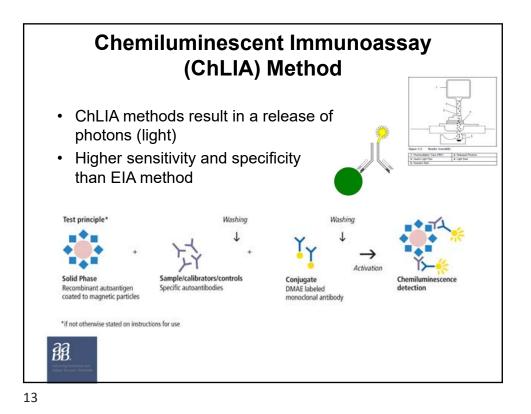
MAJ1 Mark A. Janzen, 11/13/2019

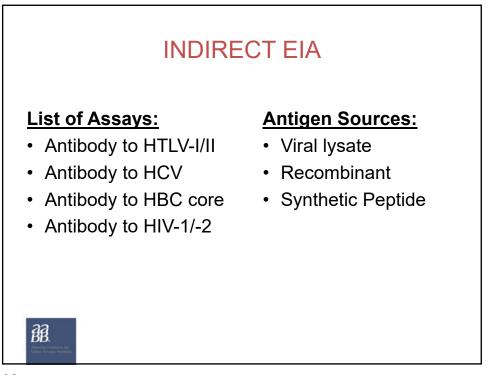


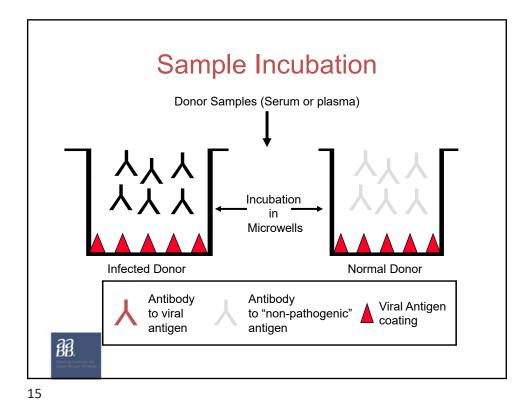


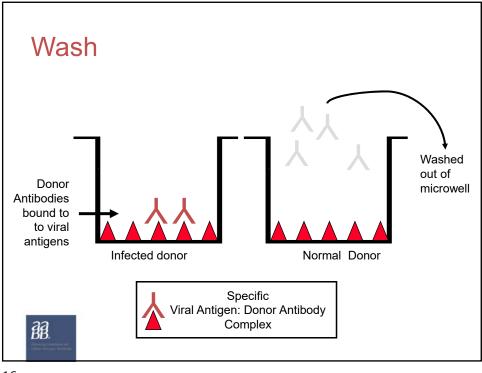


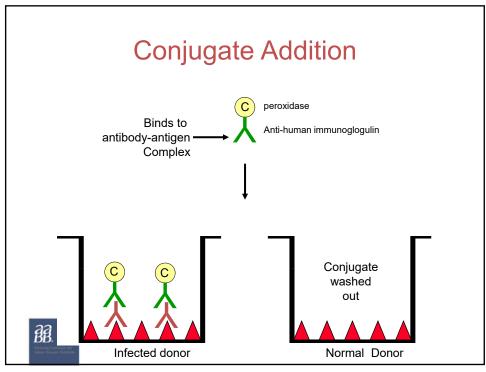


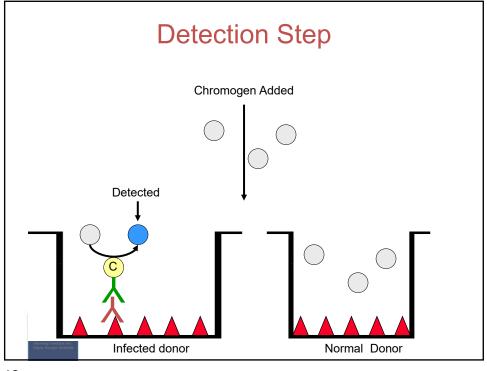


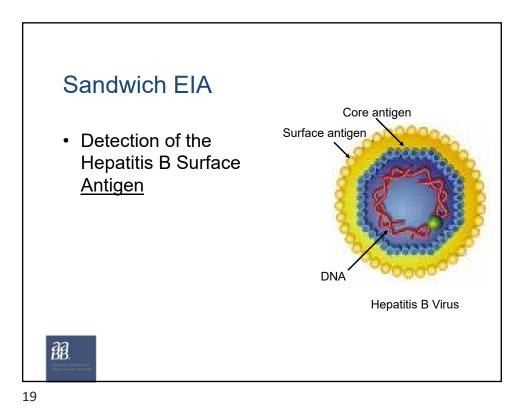


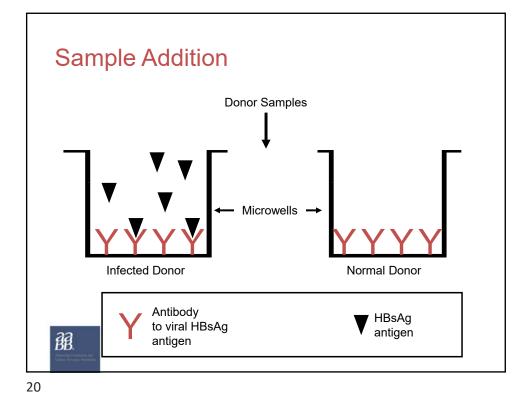


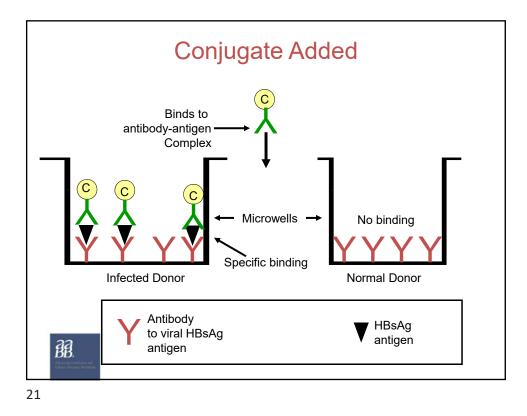


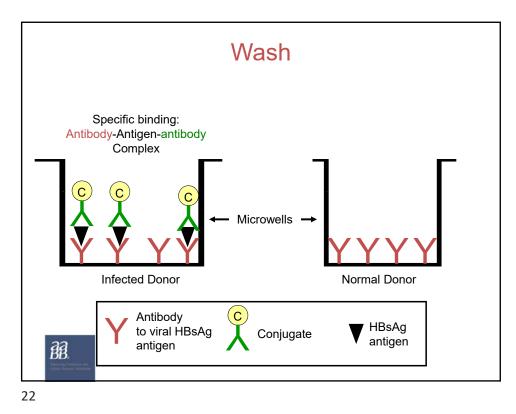


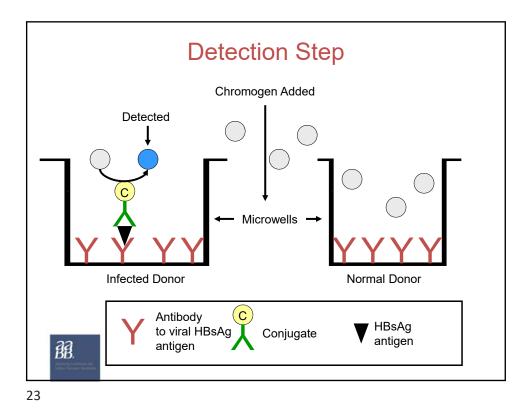


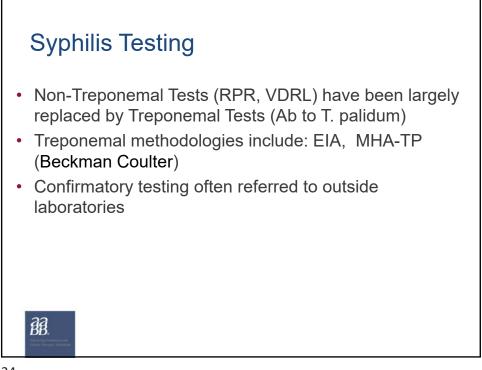


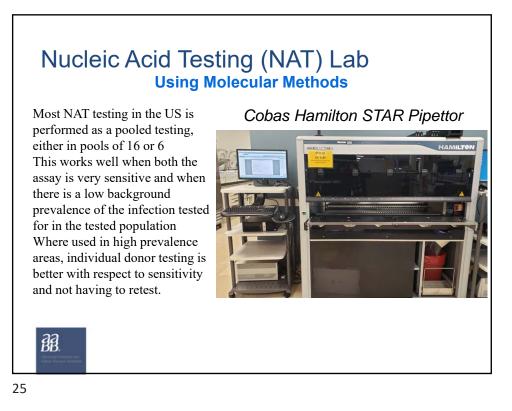


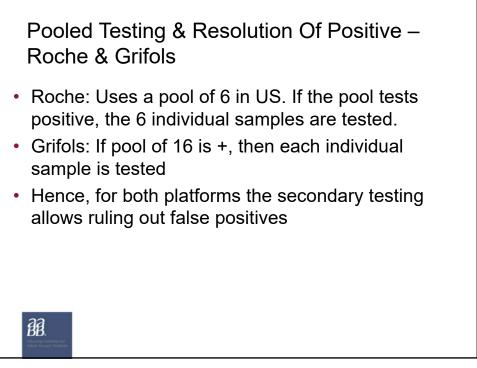








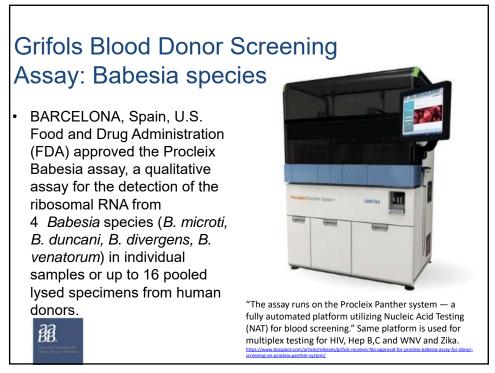


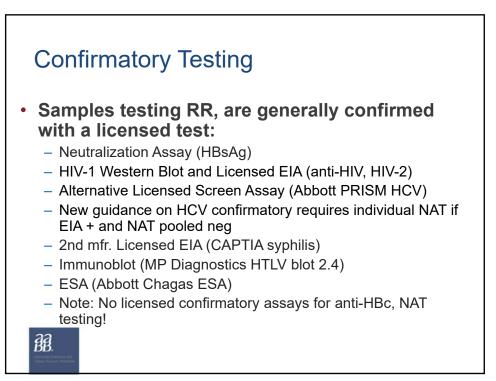


Roche NAT Testing System

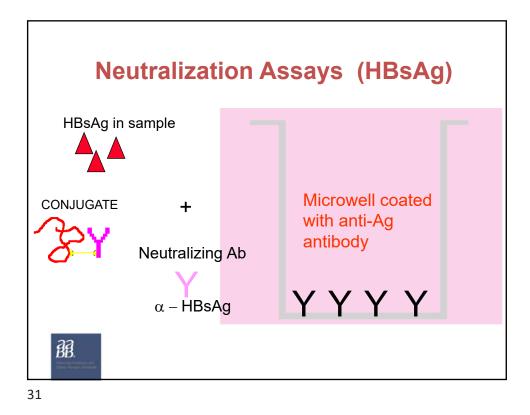
Current NAT platform performs nucleic acid extraction and PCR multiplex assays. Used to screen for HIV, Hepatitis B,C, WNV, Zika and regionally for Babesia. Generally screening performed in pools of 6 for blood donors, individually for tissue/cell therapy donors. Roche 8800

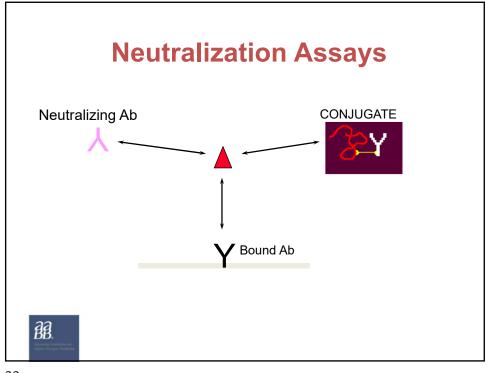
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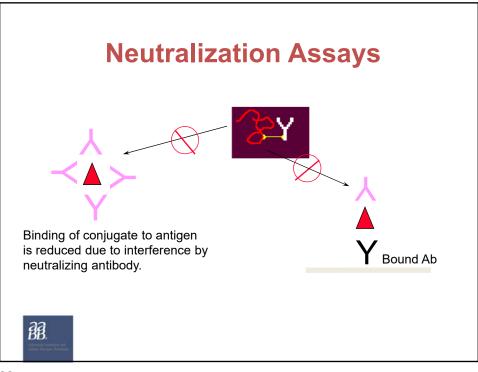


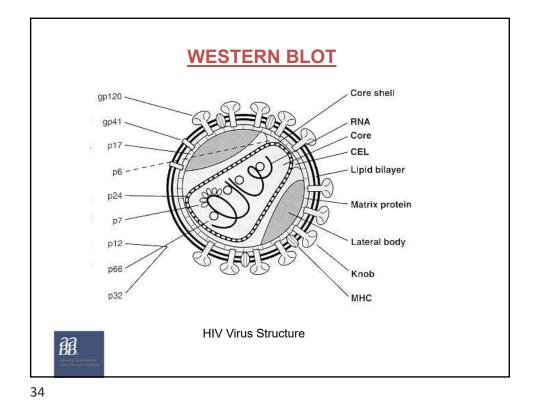


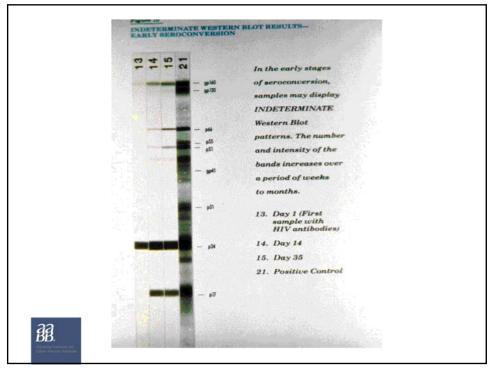
Screening Test	Confirmatory Test
Hepatitis B Surface Antigen (HBsAg)	HBsAg Neutralization assay
Antibody to Hepatitis B core	None
Antibody to HIV	HIV Western Blot +
HIV NAT	None
Antibody to HCV	Other manufacturer's EIA
Antibody to HTLV I/II (manufacturer's kit #1)	"Antibody to HTLV I/II (manufacturer's kit #2)"
West Nile Virus NAT	None
Antibody to Cytomegalovirus (Anti- CMV)	None
Syphilis (RPR, MHA-TP)	FTA-ABS

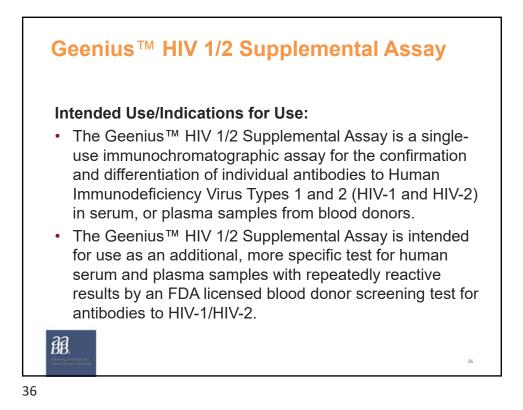


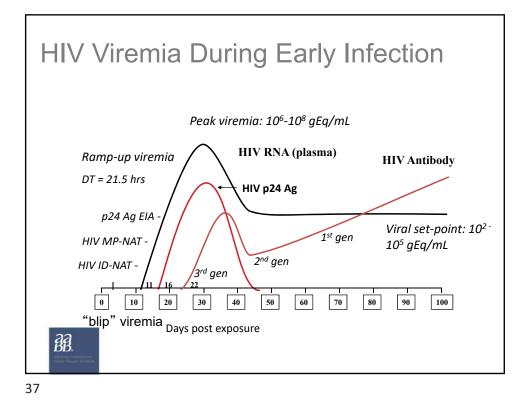


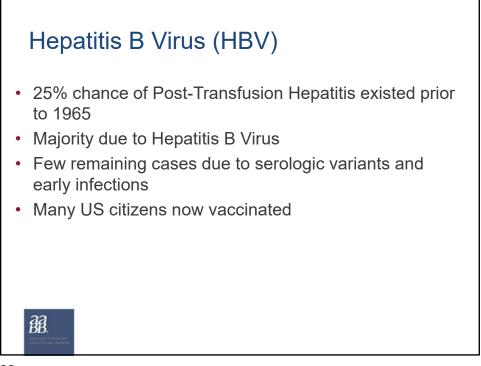


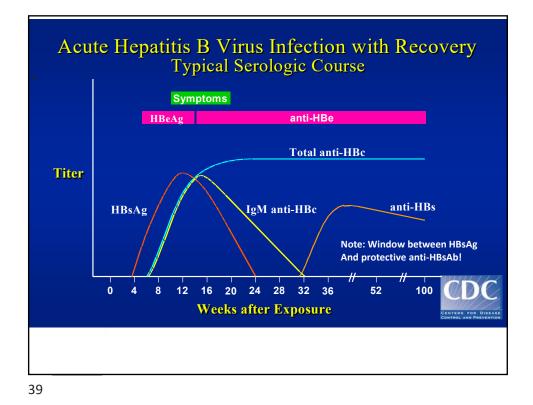


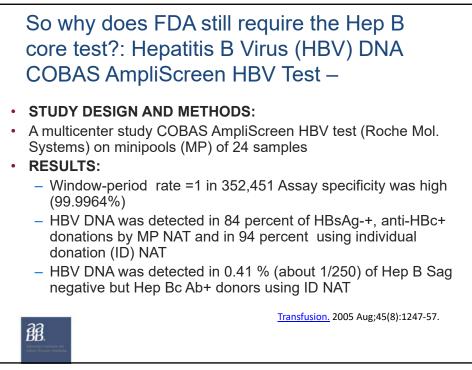


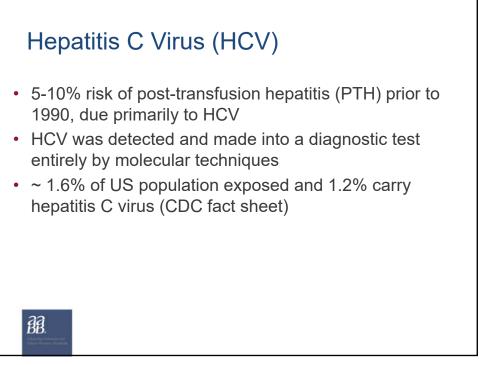




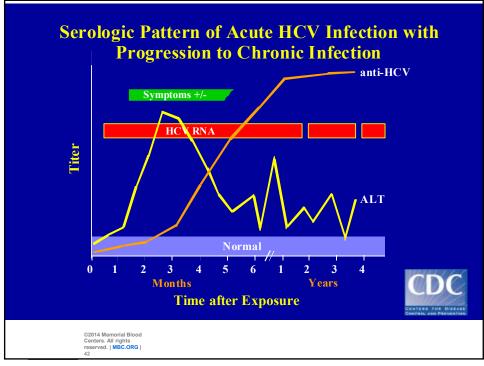


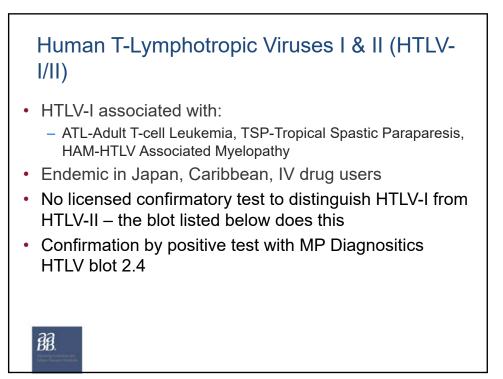


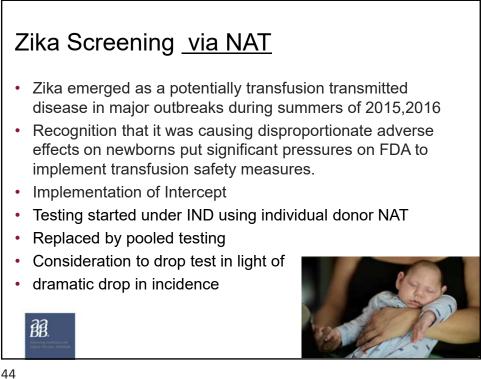


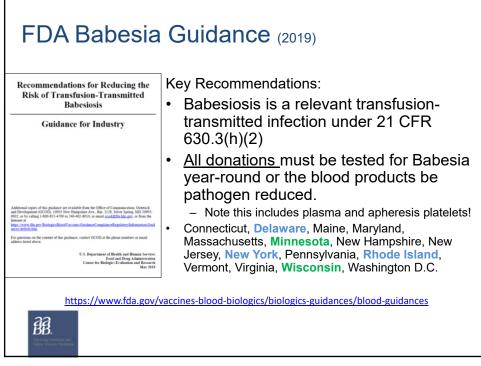




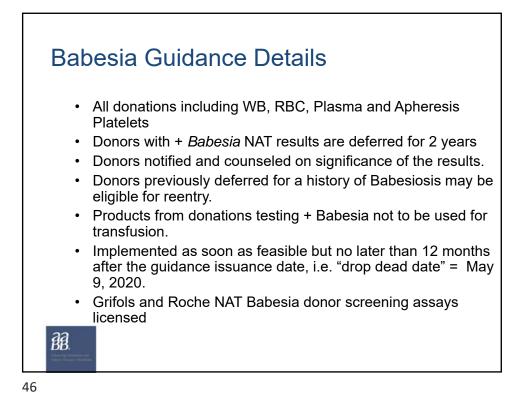


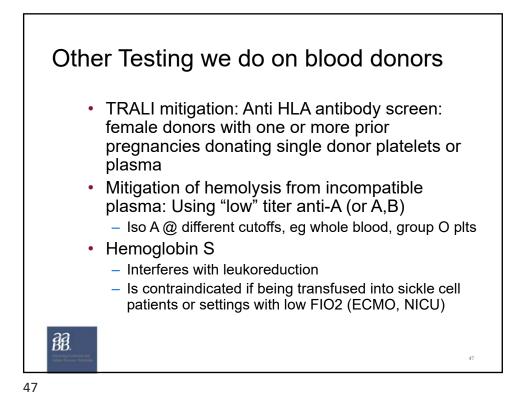




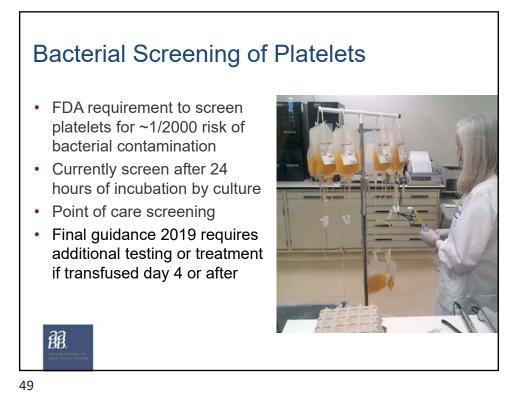


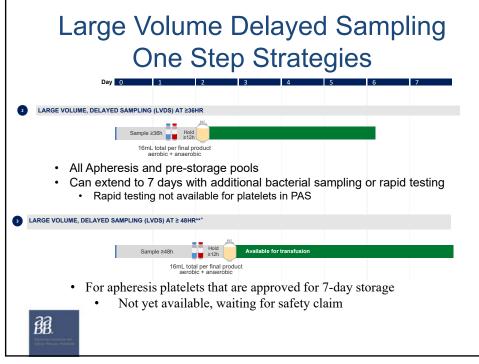


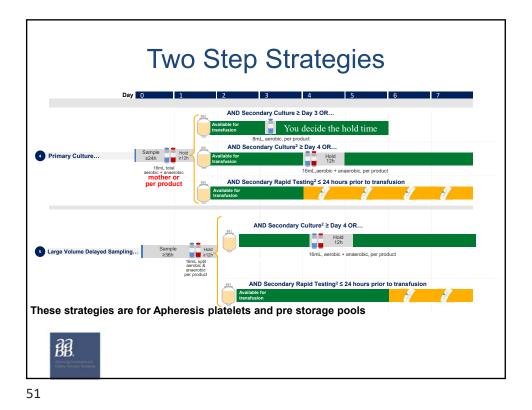




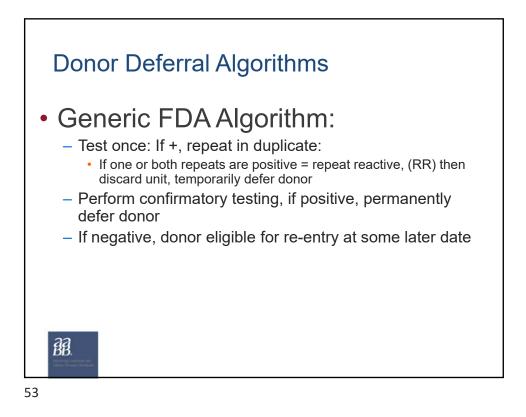


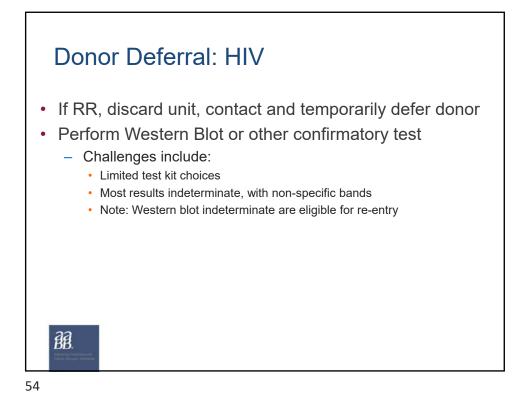


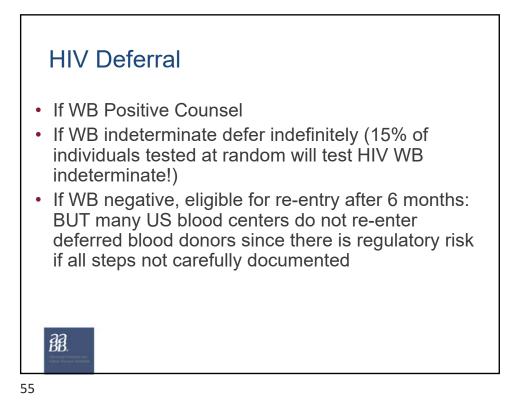


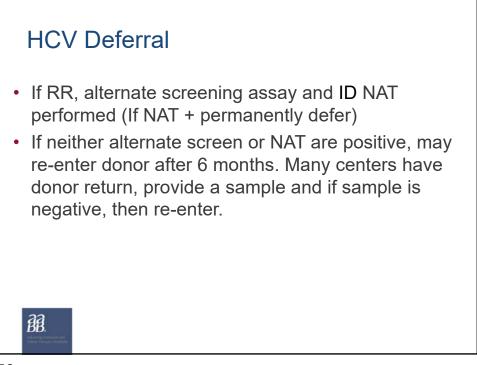


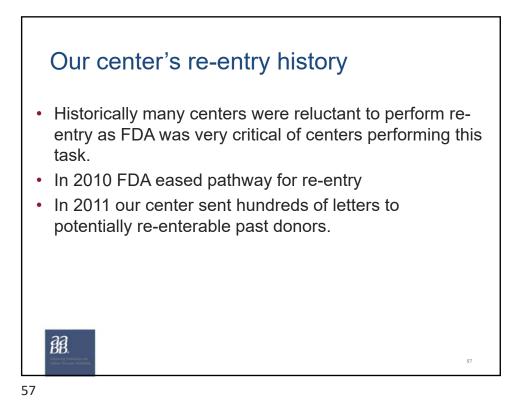
PATHOGEN REDUCTION (PR)
Available for Trima apheresis platelets in plasma
Available for Amicus apheresis platelets in platelet additive solution (PAS)
Licensed for singles and doubles only
May split some doubles and triples to meet acceptable guard bands
7-day product is not available at this time

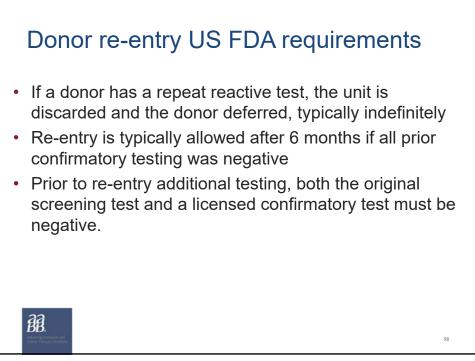


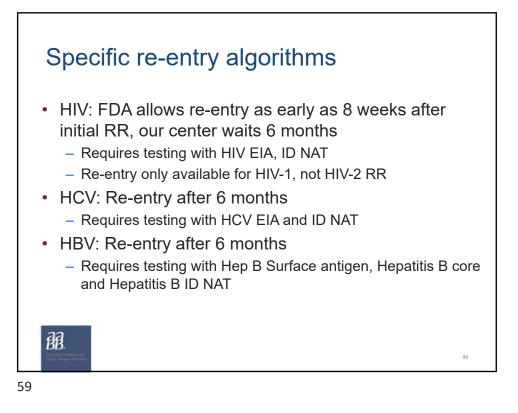


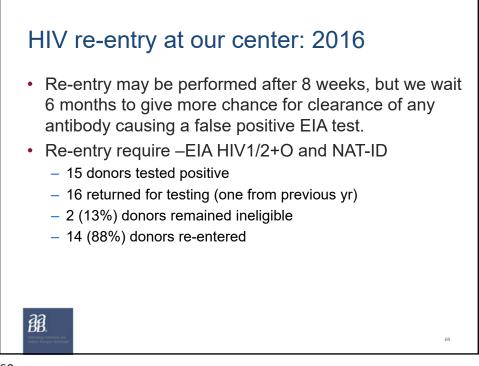


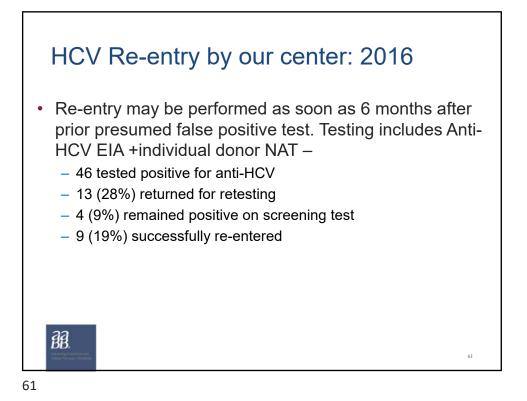


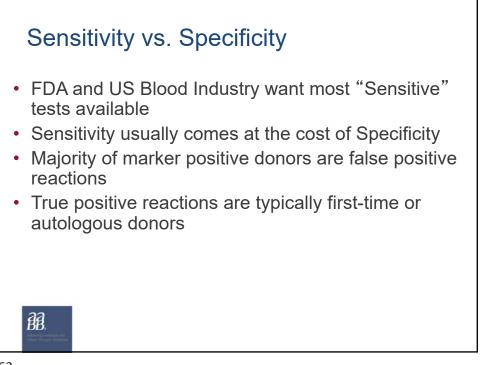




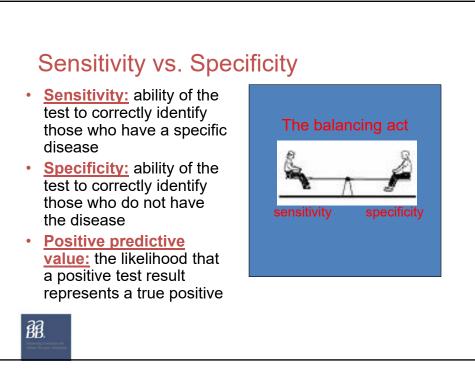


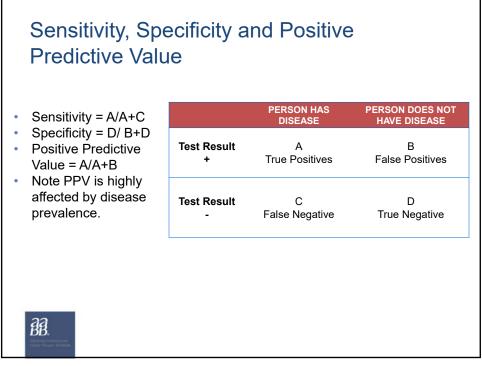


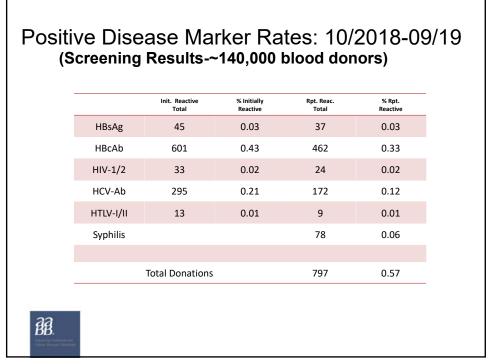












	Total	% of Total
HBsAg-Neut. Pos	11	0.008
HIV-WB/NAT-Pos	0	0.000
HCV-PRISM-POS	17	0.012
HTLV-Abbott Pos	0	0.000
HBc high S/CO	224	0.159

