Data Collection							
Criteria	Weighted Factor	#1 - 1 wireless barcode scanner (S1) and 1 tablet at check mark table (S2, S3) , 1 tablet in microscope room (S4)	Weighted Score #1	#2 - 1 tablet at checkmark table for barcodes and QR (S1-S3) and 1 in microscope room (S4)	Weighted Score #2	#3 - 1 wired barcode scanner w computer at triangle table (S1), QR code reader at check mark table (S2, S3) and QR code reader in microscope room (S4)	Weighted Score #3
Efficiency	30.0	4.0	24.0	2.0	12.0	5.0	30.0
Accuracy	25.0	3.0	15.0	3.0	15.0	4.0	20.0
Ease of use	20.0	4.0	16.0	3.0	12.0	4.0	16.0
System Integration	10.0	3.0	6.0	4.0	8.0	5.0	10.0
Maintence Requirements	5.0	4.0	4.0	5.0	5.0	2.0	2.0
Safety	5.0	4.0	4.0	4.0	4.0	5.0	5.0
Cost	5.0	4.0	4.0	5.0	5.0	2.0	2.0
Total	100.0		69.0		56.0		83.0
Criterion	Definitions						
Efficiency	Minimize the time that the lab staff spend to operate the system. Data is collected and is ready in a timely manner						
Accuracy	Minimize error and return accurate time stamps, overall system dependenability						
Ease of Use	Simplicity of the system. It is easy for the lab staff to operate						
System Integration	Minimize the clutter at the workspace and to decrease the changes to the work environment needed to be made (ease of implementation)						
Maintence Requirements	Frequency of charging needed and repairs to maintain function. This includes component durability						
Safety	Minimize the amount of contact needed for use (sanitary purposes), camera use in PHI environment (potential for HIPA issues)						
Cost	Lower the cost the better						

Key: Time Stamp Records

S1- initial site intake

S2- technician starts working on slide

S3- technician finishes slides

S4- physician completes reading, Y/N