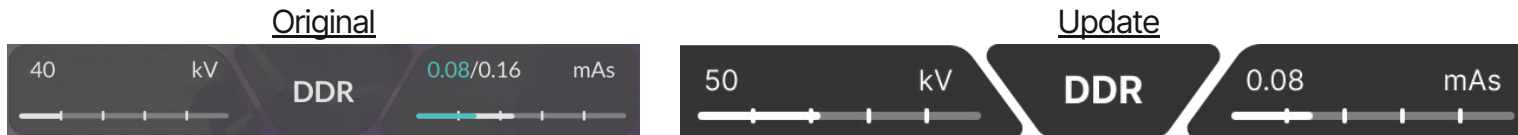


Viewfinder Updates 8/5/24

- Single Shot in DDR
- Perpendicularity
- SID Indicator



Viewfinder - Remove High-powered Singles (0.16, 0.25, 0.40) in DDR Mode



What:

- Remove the ability to take 0.16, 0.25, and 0.40 mAs Singles in DDR
 - 0.08 would be the max mAs in DDR mode
 - Can still fire 0.04 and 0.08 mAs Singles by quickly pulling the trigger

Why:

- Both HF and Sales have observed that users are confused by the visual indication of this function
- With this, there are two potential hazardous situations that could occur:
 - A user thinks the white value corresponds to DDR and ends up taking a DDR that is lower quality than intended (**non-diagnostic exposure**)
 - A user tries to take a DDR, but releases the trigger too quickly and unintentionally takes a high-powered Single (**non-ALARA exposure**)
- HF has determined that it would be best to remove it
 - Trying to improve the visual indication just results in a more cluttered Viewfinder
 - After interviewing Sales, there doesn't seem to be a very likely use case for it
 - This function is also a hold-over from when MC2 only had one X-ray mode - it is now less applicable

Perpendicularity

Problem Statements

- Cannot see the indicator on various backgrounds
- Indicator angle moves too little to see movement

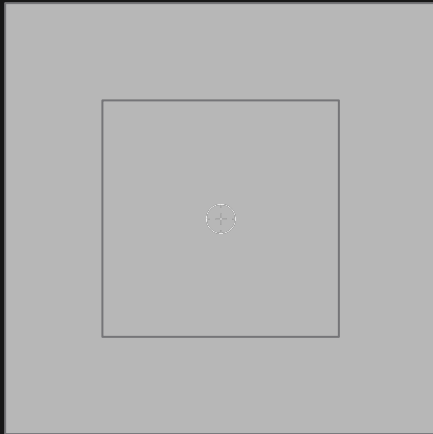
Opportunity

- Enhance current indicator
- Evaluate new indicators for perpendicularity

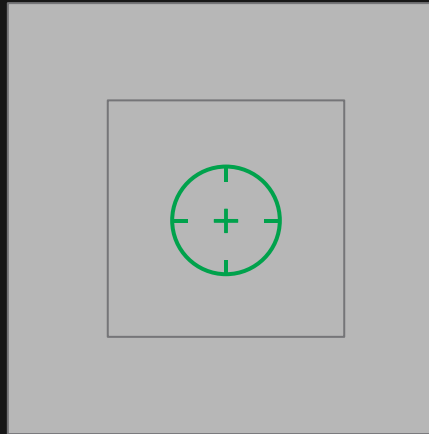


Legacy Enhancement

Legacy

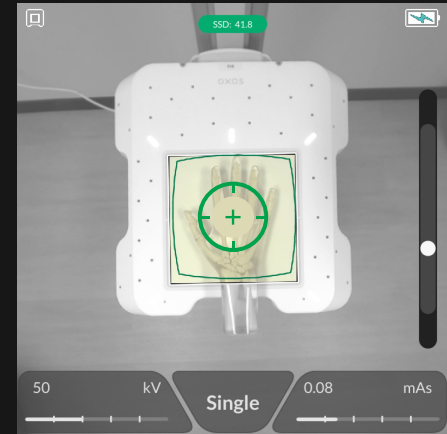


Update

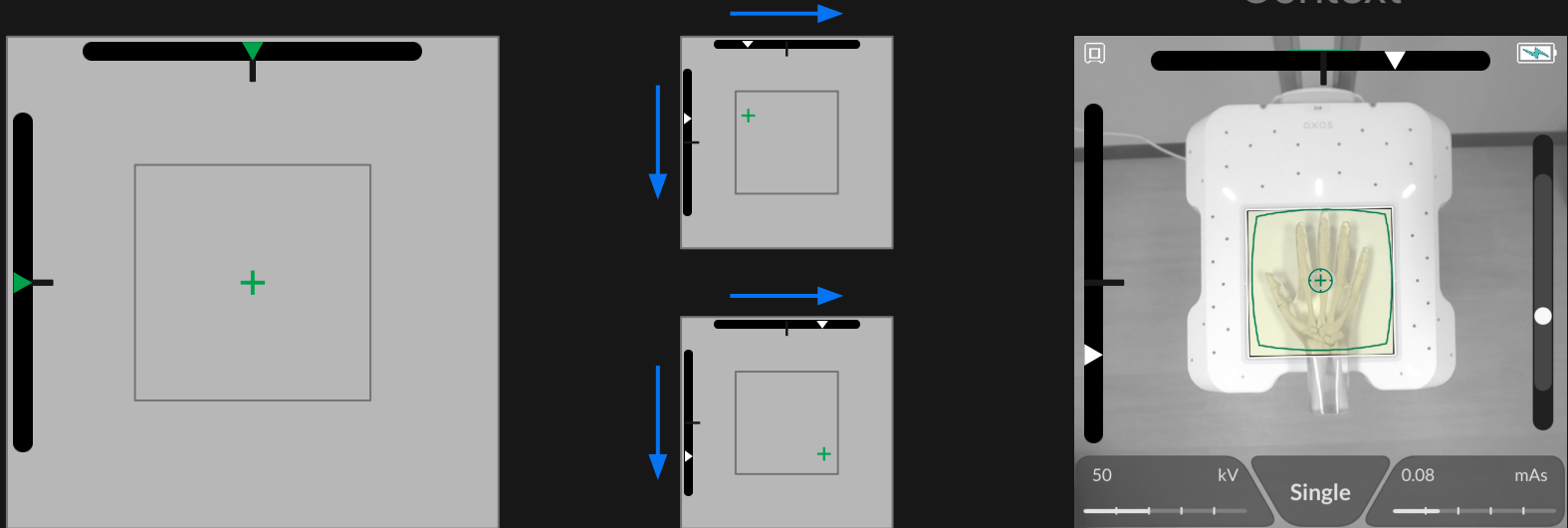


Color Change, Larger Size, Bolder Line

Context

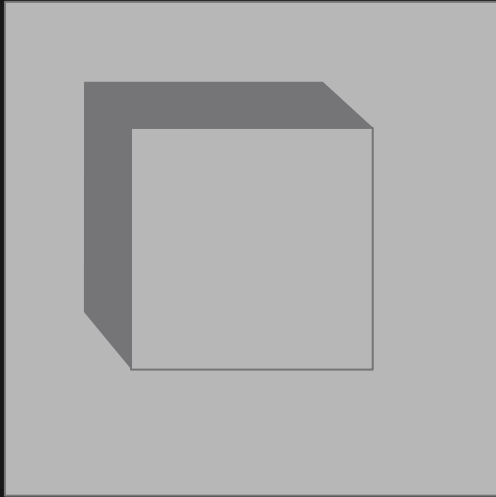


X/Y Bar Levels

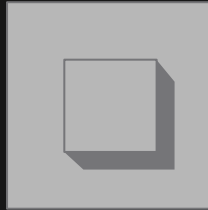
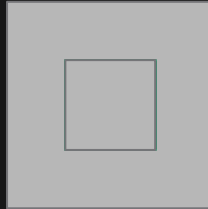


- ▶ Perpendicular
- ▶ Off - Perpendicular

Drop Shadow

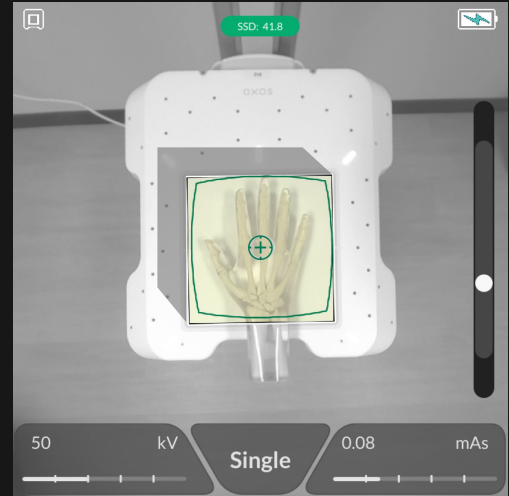


Perpendicular



Off - Perpendicular

Context



SID Indicator

Problem Statements

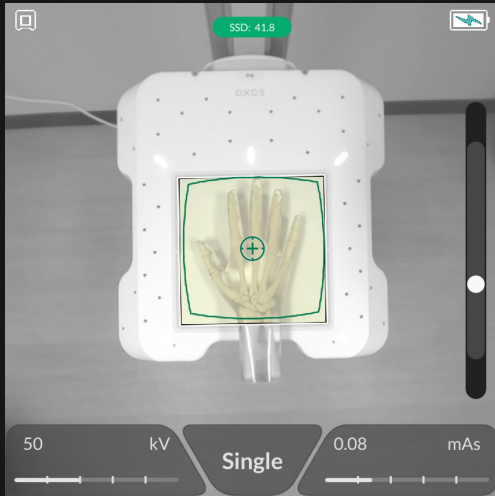
- It is difficult to understand that the SID Gauge is relaying SID
- It is difficult to look between the tablet (to view the SID value) and the Emitter (to position the device) and then back again

Proposal

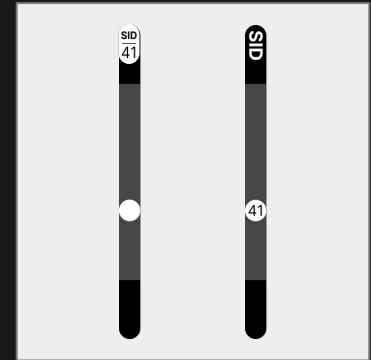
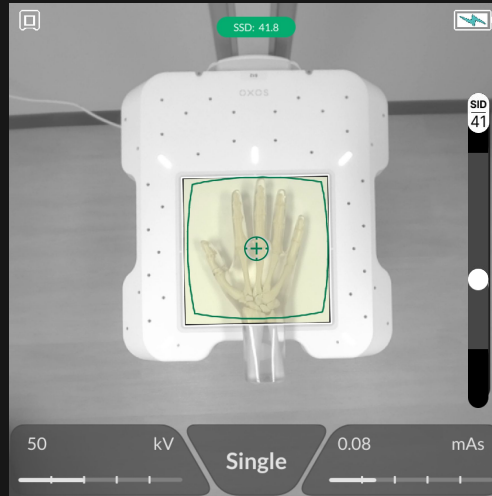
- Include SID value on viewfinder
- Include SID Label on Viewfinder

SID Gauge Update

Legacy



Update



Decisions

DDR Single Mode

- Remove Single shot power level options
 - Scale power levels based on mode

Perpendicularity

- Legacy Enhancement Approved (Center crosshair/bubble level)
 - Explore details for refinement
 - User Study & Review Refinement

SID

- Include SID Label
 - Float Value with Bubble
 - Clean up SID Gauge

Other notes

- Squeeze power setting smaller
- Bring SSD to side
- Include pop up on mode change
- Review any 3.2 changes that can be included