

The Stratus OCT Time Delay Dilemma

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The introduction of a seemingly small, but potentially significant problem inherent with the Stratus OCT, specifically the 0.5 second delay dilemma will be presented.

Illustrate: Why 0.5 seconds isn't trivial in general and how this issue has been addressed by current manufacturing. Also what some ophthalmologists have said about the discrepancy and why it should interest OCT imagers.

Discussion: What is the 0.5-second delay and how it really can be a dilemma. This will be the bulk of the talk. An explanation of the basic mathematics will be provided so that all will understand the 0.5-second time delay and how it works when choosing to save a scan image. Then by using OCT images (magnified) to substantiate the importance of choosing the "right" scan image as opposed to the "right" video image.

Conclusion: Final argument informs each OCT user that a potential dilemma does exist and therefore caution is needed to ensure precision.