Purpose

This imaging study characterized the biomedicine response of injection into the SCS with the SCS Microinjector in comparison to intravitreal (IVT) injection in ex vivo porcine eyes.

Methods

(a) Pre-injection
(b) During injection
(c) Post injection

Results

Intravitreal (left) and suprachoroidal (right) injection of 0.1 mL dye, following by freezing and sectioning show fluid distribution.

Conclusions

In contrast to intravitreal delivery, suprachoroidal drug delivery results in acute opening of the SCS, supporting the potential to target affected tissue layers in choroidal disorders.

References
