

# CLEAR PUPIL IRIS PAINTED SCLERAL LENS FOR FIXED DILATED PUPIL

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### BACKGROUND

Traumatic eyes sometimes left with fixed dilated pupil causes photophobia and distorted vision. Even after saving the eyes post trauma, having great visual potential patients suffer due to light sensitivity.



### CASE DESCRIPTION

33 year old female referred by corneal surgeon post penetrating injury repair left with fixed dilated pupil. Cornea was highly irregular due to corneal sutures to repair the corneal tear. On trial with scleral lenses vision improved to 20/25 but patient remained intolerant to light. We decided to fit her with clear pupil iris painted scleral lens.



### CONCLUSION

VA improved to 20/25 with +1.50 D of over correction post clear pupil iris painted scleral lens, patient reported no photophobia even in direct sunlight. In conclusion clear pupil custom fitted iris painted scleral lens can help patients with fixed dilated pupil to improve their vision, control photophobia and improved quality of life.

