



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Ophthalmology Research: An International Journal
Manuscript Number:	Ms_OR_41495
Title of the Manuscript:	Repair of severe melting ulcers with high intensity UV-pen (18 to 60 mW/cm ²) corneal cross-linking (CXL) and amniotic membrane graft
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
I read the revised text and feedback Question 1 : if it is not measured the corneal pachymetry it is necessary to be explained that it is a limitation of this paper Question 2 : agree Question 3 : agree Question 4: the ideal distance is 4.5 cm, if the manufacturer suggests any different it should be explained	The following text were added: Line 151 to 156 We note that the focal distance is a minor factor to the clinical outcomes and safety which are governed by the light fluence on the corneal surface. The current commercial CXL devices have a focal distance from 2 cm to 90 cm, where larger focal distance is easier for surgeon's view, but does not influence the efficacy. Small focal distance might block surgeon's view, but, comparing to a large focal distance, it is less sensitive to eye motion during the procedure. Line 192 to 195 We note that corneal thickness was not measured, because we did not have a pachymetry. Therefore, potential safety issues may exist in some of the treated thin corneas. However, our scanning mode operation over the cornea may reduce the effective dose lower than the Dresden safety protocol of 5.4J/cm².