

Trypan blue staining pro

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Advantages:

Trypan blue is used since 2003 for staining of vitreous, epiretinal membranes and ILM together with different illumination observation systems. Trypan blue is also non-toxic.

Methods:

Pars plana vitrectomy with trypan blue staining is presented in different indications.

Effectiveness / Safety:

Trypan blue staining of the ERM is adequate with the use of different illumination / observation systems. However, visibility of vitreous and ILM staining is better using flat contact lens and endoillumination. It may be used to detect ILM peeling areas during secondary procedures and to detect peripheral retinal breaks in retinal detachment surgery.

Take home message:

Trypan blue can stain all intraocular structures and is useful in vitreoretinal surgery as a single staining agent.