

Brilliant blue is "cool"

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Advantages:

Today the use of vital dyes for identification of retinal structures is becoming increasingly common as a co-adjutant in vitrectomy for retinal pathology. It has been proposed several ways of using different dyes, mixed with glucosade solution, under air, a greater or lesser concentration for use.

Methods:

If we can control the factors that allow the dyes to remain in contact with the structures we want to stain, we will achieve better results avoid further unwanted staining of other structures. Following the experiences of Marsigli (a naturalist of the eighteenth century) we can understand how we can modify the density of dyes for a more rational use of vital dyes into the vitreous cavity.

Effectiveness / Safety:

This presentation shows how to modify the density of dyes to achieve greater efficiency in their use during vitrectomy for the staining of structures without changing their levels of security.