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(54) Title (EN): DIAMOND DUSTED EXTRUSION CANNULA

(54) Title (FR): CANULE D'EXTRUSION À POUSSIÈRE DE DIAMANT

(57) Abstract:

(EN): An aspirating cannula for ophthalmic surgery is provided, having a soft tip with an abrasive coating at its distal end. These features combine the functionality of a soft-tip abrasive instrument with means to remove fluid from the eye. The aspirating function of the cannula may be used to provide suction, thereby increasing the frictional force that can be applied by the abrasive tip coating, without requiring the surgeon to apply additional downward pressure on the retina. Several methods of advantageously using this cannula to perform ophthalmic surgical procedures are also disclosed.

(FR): Canule d'aspiration pour chirurgie ophtalmique à embout mou doté d'un revêtement abrasif à son extrémité distale. Ces éléments permettent de combiner la fonctionnalité d'un instrument abrasif à embout mou et un système d'élimination de fluide dans l'oeil. La fonction d'aspiration peut être utilisée aux fins de succion, ce qui augmente la force de frottement susceptible d'être appliquée par le revêtement de l'extrémité abrasive, sans que le chirurgien ne doive appliquer une pression vers le bas sur la rétine. On décrit aussi plusieurs procédés permettant d'utiliser avantageusement cette canule pour des procédures chirurgicales.

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