ABSTRACT

METHODS, SYSTEMS, AND COMPOSITIONS FOR MAINTAINING FUNCTIONING DRAINAGE BLEBS ASSOCIATED WITH FOREIGN BODIES

Methods, systems, and compositions for maintaining functioning drainage blebs to reduce intraocular pressure (IOP) of an eye being treated for glaucoma. The methods, systems, and compositions feature the combination of a minimally invasive glaucoma surgery (MIGS) implant or procedure and the application of beta radiation to the bleb. The beta radiation can function to inhibit or reduce the inflammation and/or fibrogenesis that typically occurs after insertion of a MIGS implant and leads to bleb failure. By reducing inflammation and/or fibrogenesis, the MIGS implant and the blebs can remain functioning appropriately.

Figure 1