

The current armamentarium for the repair of rhegmatogenous retinal detachment consists of a variety of surgical approaches including pneumatic retinopexy, scleral buckle, pars plana vitrectomy alone or in combination with an encircling buckle. Inevitably having options invites comparisons generates dilemmas and creates controversies as to which of these procedures is optimal in reattaching the retina. Numerous prospective and retrospective studies have attempted to compare their efficacy, yet the results are still conflicting. Moreover scleral buckling cases are steadily declining with PPV becoming the modality of choice for the majority of surgeons. Here we explore the current controversy whether scleral buckle still has a role in RRD repair in the modern era of vitreoretinal surgery.

*Keywords:* rhegmatogenous retinal detachment, sclera buckle, pars plana vitrectomy.