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&  
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### **The treatment of primary retinal detachment: A review of the past 85 years**

The evolution of present surgical techniques for reattaching a primary retinal detachment will be analysed from 1929 up to present with respect to their morbidity, rate of reoperation and long-term visual function. Publications about retinal detachment surgery are reviewed during the past 85 years. There had been a change from a surgery of the entire retinal detachment to a surgery limited to the area of the break and a change from extraocular to intraocular surgery. The four major surgical techniques for repair of a primary retinal detachment that were applied in the beginning of the 21st century, still have one nominator in common: to find and close the retinal break which caused the detachment and which would cause a redetachment, if not sealed off sufficiently. To find and close sufficiently the break(s) in a primary retinal detachment has been the aim and accompanied the efforts of retinal detachment surgeons during the past 85 years. However, today four postulates have to be fulfilled for an adequate and optimal retinal detachment surgery: (1) the retinal reattachment should be obtained with the 1st operation, (2) the procedure should have a minimum of morbidity, (3) not harbour secondary complications jeopardizing regained visual acuity and (4) be performed on a small budget in local anaesthesia.

### **Biography**

Ingrid Kreissig is currently a Professor at the Department of Ophthalmology, University of Mannheim-Heidelberg, Mannheim, Germany. She is also serving as an Adjunct Professor at the New York Hospital–Cornell Medical Center, New York. Her specialization includes, Posterior Segment of the Eye. During 1979–2000, she had been the Chairman of University of Tübingen/Germany. She has published more than 404 papers in national and international journals of ophthalmology, basically on topics such as surgery of retinal detachment with long-term follow-up of anatomic and functional results, cryopexy histology, tumors, AMD, diabetic retinopathy, and intravitreal pharmacotherapy. She has also published many books.

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