MACULAR MOBILIZATION WITH A FLEXIBLE NITINOL LOOP FOR CHRONIC, RECURRENT, AND LARGE MACULAR HOLES

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SUMMARY

• PURPOSE
  • To Describe a surgical technique utilizing the flexible nitinol loop to mobilize retinal tissue in chronic and recurrent macular holes
  • To Report the clinical outcomes in 11 eyes undergoing vitrectomy for macular hole closure using this method

• RESULTS
  • The preoperative mean, minimal inner diameter of the holes included was 615 μm (199-1300 μm)
  • In 3 cases, a free floating ILM flap was also created in addition to the technique described
  • 9 out of 11 (82%) macular holes were closed at the POM3 timepoint

• CONCLUSION
  • Macular mobilization is less cumbersome, less invasive, and requires less adjuvant material than previously described methods for chronic and recurrent macular holes