

Presenter-Central (<https://secure.aao.org/aao/Presenter-Central>)

Vijay Anand Reddy (<https://secure.aao.org/aao/MyProfile/userId/51613>) | Logout

(<https://secure.aao.org/aao/Presenter-Central/ctl/Logoff>)



Download

Print

Email

AAO 2015: Paper Co-Author

PA028 - Tri-Weekly Intravitreal Injection of Topotecan as Monotherapy in the Management of Refractory Vitreous Seeds in Retinoblastoma

Room: SAN POLO 3401

11/15/2015: 4:00 PM - 4:07 PM

—Details

Paper Senior Author: Raksha Rao, MBBS, FICO
raoraksha@gmail.com (<mailto:raoraksha@gmail.com>)

Purpose: To evaluate the safety and efficacy of intravitreal topotecan (IVI^T) for refractory vitreous seeds in retinoblastoma. **Methods:** IVI^T injection (30 µg in 0.15 mL) was provided by the safety-enhanced technique. **Results:** Seventeen eyes received a mean of 3 (range: 2-6) tri-weekly IVI^T injections. Prior treatment included chemotherapy in all, periocular carboplatin in 10, and intravitreal melphalan in 3. Complete regression of vitreous seeds was achieved in 16 of 17 eyes (94%) at a median follow-up of 12 months. One eye (6%) with a recurrent retinal tumor needed enucleation. No ocular or systemic complication was observed. Visual acuity remained stable or improved in all. **Conclusion:** Spaced-out IVI^T monotherapy for refractory vitreous seeds in retinoblastoma appears safe and potent.

AAO 2015: Poster Co-Author

PO407 - Plaque Brachytherapy for Invasive Ocular Surface Neoplasia

Room: HALL G

11/16/2015: 12:30 PM - 2:00 PM

—Details

Poster Senior Author: Vishal Hiralal Sharma, MBBS
drsharmavishal@gmail.com (<mailto:drsharmavishal@gmail.com>)

Purpose: To present plaque brachytherapy as a method to salvage eyes with invasive ocular surface neoplasia. **Methods:** A multicenter, international, retrospective chart review revealed 10

cases of malignant tumor invasion of the cornea, sclera, and/or uvea, treated by episcleral plaque (Pd-103 or Ru-106) radiation therapy. **Results:** Local control and eye preservation was achieved ($n = 9/10$; 90%). One patient underwent orbital exenteration to control a mucoepidermoid carcinoma. None developed metastatic disease over a mean follow-up of 15 months (3 to 70 months). **Conclusion:** Select cases of invasive ocular surface malignant neoplasia can be treated with ophthalmic plaque brachytherapy. In this series, treatment offered local tumor control with preservation of useful vision and the eye.

Continue

([HTTP://WWW.FACEBOOK.COM/PAGES/AMERICAN-ACADEMY-OF-OPHTHALMOLOGY/32929882770](http://www.facebook.com/pages/American-Academy-of-Ophthalmology/32929882770))

([HTTP://TWITTER.COM/AAO_OPTH](http://twitter.com/AAO_OPTH))

([HTTPS://PLUS.GOOGLE.COM/110425219255042892519/ABOUT](https://plus.google.com/110425219255042892519/about))

([HTTP://WWW.LINKEDIN.COM/COMPANY/AMERICAN-ACADEMY-OF-OPHTHALMOLOGY](http://www.linkedin.com/company/American-Academy-of-Ophthalmology))

([HTTP://WWW.YOUTUBE.COM/AAOTV](http://www.youtube.com/AAOTV))

([HTTP://WWW.AAO.ORG/ACADEMY-FORUM](http://www.aao.org/academy-forum))



(<http://www.aao.org>)

© American Academy of Ophthalmology 2015



Contact Us (<http://www.aao.org/contact>) Terms of Service (<http://www.aao.org/terms-of-service>)

Financial Relationships with Industry (<http://www.aao.org/about/financial-relationships>)

Medical Disclaimer (<http://www.aao.org/terms-of-service#med>) Privacy Policy (<http://www.aao.org/privacy-policy>)

Jobs at the Academy (<http://www.aao.org/jobs>) For Advertisers (<http://www.aao.org/advertising-policies>)

For Media (<http://www.aao.org/newsroom>) Ophthalmology Job Center (<http://www.aao.org/ophthalmologyjobcenter>)

Help (<http://www.aao.org/help>)

OUR SITES

EyeSmart (<http://www.geteyesmart.org>) EyeWiki (<http://eyewiki.aao.org>)

International Society of Refractive Surgery (<http://isrs.aao.org/>)

Museum of Vision (<http://www.museumofvision.org>)