

Exudative Retinitis Pigmentosa in a Young Girl Treated with Intravitreal Triamcinolone and Avastin Injection

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PURPOSE: To describe the effect of intravitreal triamcinolone and avastin in a patient with retinitis pigmentosa and Coats-like exudative retinopathy and vitreous hemorrhage.

METHODS: A 12-year-old girl with known retinitis pigmentosa, presented with massive bilateral exudative retinopathy and vitreous hemorrhage in the left eye.

RESULT: Fluorescein angiography showed telangiectatic vessels in the right eye, whereas the left eye had a dense vitreous hemorrhage. She was treated with intravitreal triamcinolone and avastin in the left eye with subsequent clearing of the vitreous hemorrhage, reduction of the exudates and improved visual acuity over several months. The right eye was less affected and laser treatment was performed over the visible telangiectatic vessels.

CONCLUSIONS: Coats-like exudative retinopathy in retinitis pigmentosa is rare, but when it occur can seriously affect the central visual field that remains in the patient. Intravitreal treatment with triamcinolone and avastin seems to be an efficient treatment in these cases