

Tailored anti-VEGF for ARMD

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Advantages:

Tailored therapy with Avastin is an effective treatment of wet AMD. It can reduce the number of applications and save the patients' money, thus enables more patients to be treated. There are potential super responders to Avastin in whom a single injection is a sufficient treatment.

Methods:

274 eyes of 270 patients were treated with Avastin injections (1.25 mg) for wet AMD. Reinjection was indicated only in eyes with persistent disease activity. The mean follow-up was 7.5 months \pm 4.6 (range 3 to 22 months). 170 eyes (58 %) had follow-up longer than 6 months.

Effectiveness / Safety:

Mean number of injections was 1.6 ± 0.7 (range 1 to 6 injections). Mean BCVA improved from logMAR $0,84 \pm 0.54$ to logMAR 0.76 ± 0.58 (P 0,01). Mean foveal thickness decreased from mean $333 \pm 114 \mu\text{m}$ to $295 \pm 186 \mu\text{m}$ (P: 0,01). 173 eyes (63 %) were stabilized after a single injection. The incidence of ocular side effects was very low and there were no systemic adverse events.

Take home message:

Tailored therapy with Avastin can reduce the number of injections and save the patients' money.