

## References - Photodynamic Therapy

1. Miller JW, Walsh AW, Kramer M, Hasan T, Michaud N, Flotte TJ, Haimovici R, Gragoudas ES. Photodynamic therapy of experimental choroidal neovascularization using lipoprotein-delivered benzoporphyrin. *Arch Ophthalmol* 1995; 113 (6): 810-8.
2. Kramer M, Miller JW, Michaud N, Moulton RS, Hasan T, Flotte TJ, Gragoudas ES. Liposomal benzoporphyrin derivative verteporfin photodynamic therapy. Selective treatment of choroidal neovascularization in monkeys. *Ophthalmology* 1996; 103 (3): 427-38.
3. Henderson BW, Dougherty TJ. How does photodynamic therapy work? *Photochem Photobiol* 1992; 55 (1): 145-57.
4. Schmidt-Erfurth U, Sacu S; Early Retreatment Study Group. Randomized multicenter trial of more intense and standard early verteporfin treatment of neovascular age-related macular degeneration. *Ophthalmology* 2008; 115 (1): 134-40.
5. Photodynamic therapy of subfoveal choroidal neovascularization in age-related macular degeneration with verteporfin: one-year results of 2 randomized clinical trials--TAP report. Treatment of age-related macular degeneration with photodynamic therapy (TAP) Study Group. *Arch Ophthalmol* 1999; 117 (10): 1329-45.
6. Bressler NM; Treatment of Age-Related Macular Degeneration with Photodynamic Therapy (TAP) Study Group. Photodynamic therapy of subfoveal choroidal neovascularization in age-related macular degeneration with verteporfin: two-year results of 2 randomized clinical trials-tap report 2. *Arch Ophthalmol* 2001; 119 (2): 198-207.
7. Bressler NM, Arnold J, Benchaboune M, Blumenkranz MS, Fish GE, Gragoudas ES, Lewis H, Schmidt-Erfurth U, Slakter JS, Bressler SB, Manos K, Hao Y, Hayes L, Koester J, Reaves A, Strong HA; Treatment of Age-Related Macular Degeneration with Photodynamic Therapy (TAP) Study Group. Verteporfin therapy of subfoveal choroidal neovascularization in patients with age-related macular degeneration: additional information regarding baseline lesion composition's impact on vision outcomes-TAP report No. 3. *Arch Ophthalmol* 2002; 120 (11): 1443-54.
8. Blumenkranz MS, Bressler NM, Bressler SB, Donati G, Fish GE, Haynes LA, Lewis H, Miller JW, Monés JM, Potter MJ, Pournaras C, Reaves A, Rosenfeld PJ, Schachat AP, Schmidt-Erfurth U, Sickenburg M, Singerman LJ, Slakter JS, Strong A, Vannier S; Treatment of Age-Related Macular Degeneration with Photodynamic Therapy (TAP) Study Group. Verteporfin therapy for subfoveal choroidal neovascularization in age-related macular degeneration: three-year results of an open-label extension of 2 randomized clinical trials--TAP Report no. 5. *Arch Ophthalmol* 2002; 120 (10): 1307-14.
9. Bressler NM, Bressler SB, Haynes LA, Hao Y, Kaiser PK, Miller JW, Naor J, Potter MJ, Pournaras CJ, Reaves A, Rosenfeld PJ, Schmidt-Erfurth U, Slakter JS, Strong A, Vannier S. Verteporfin therapy for subfoveal choroidal neovascularization in age-related macular degeneration: four-year results of an open-label extension of 2 randomized clinical trials: TAP Report No. 7. *Arch Ophthalmol* 2005; 123 (9): 1283-5.
10. Blinder KJ, Bradley S, Bressler NM, Bressler SB, Donati G, Hao Y, Ma C, Menchini U, Miller J, Potter MJ, Pournaras C, Reaves A, Rosenfeld PJ, Strong HA, Stur M, Su XY, Virgili G; Treatment of Age-related Macular Degeneration with Photodynamic Therapy study group; Verteporfin in Photodynamic Therapy study group. Effect of lesion size, visual acuity, and lesion composition on visual acuity change with and without verteporfin therapy for choroidal neovascularization secondary to age-related macular degeneration: TAP and VIP report no. 1. *Am J Ophthalmol* 2003; 136 (3): 407-18.
11. Verteporfin in Photodynamic Therapy (VIP) Study Group. Verteporfin therapy of subfoveal choroidal neovascularization in age-related macular degeneration: two year results of a randomized clinical trial including lesions with occult with no classic choroidal neovascularization. — Verteporfin in photodynamic therapy report 2. *Am J Ophthalmol* 2001; 131: 541-60.
12. Azab M, Boyer DS, Bressler NM, Bressler SB, Cihelkova I, Hao Y, Immonen I, Lim JI, Menchini U, Naor J, Potter MJ, Reaves A, Rosenfeld PJ, Slakter JS, Soucek P, Strong HA, Wenkstern A, Su XY, Yang YC; Visudyne in Minimally Classic Choroidal Neovascularization Study Group. Verteporfin therapy of subfoveal minimally classic choroidal neovascularization in age-related macular degeneration: 2-year results of a randomized clinical trial. *Arch Ophthalmol* 2005; 123 (4): 448-57. Cruess AF, Zlateva G, Pleil AM, Wirostko B. Photodynamic therapy with verteporfin in age-

related macular degeneration: a systematic review of efficacy, safety, treatment modifications and pharmacoeconomic properties. *Acta Ophthalmol* 2009; 87 (2): 118-32.

13. Azab M, Benchaboune M, Blinder KJ, Bressler NM, Bressler SB, Gragoudas ES, Fish GE, Hao Y, Haynes L, Lim JI, Menchini U, Miller JW, Mones J, Potter MJ, Reaves A, Rosenfeld PJ, Strong A, Su XY, Slakter JS, Schmidt-Erfurth U, Sorenson JA; Treatment of Age-Related Macular Degeneration with Photodynamic Therapy (TAP) Study Group; Verteporfin in Photodynamic Therapy (VIP) Study Group. Verteporfin therapy of subfoveal choroidal neovascularization in age-related macular degeneration: meta-analysis of 2-year safety results in three randomized clinical trials: Treatment Of Age-Related Macular Degeneration With Photodynamic Therapy and Verteporfin In Photodynamic Therapy Study Report no. 4. *Retina* 2004; 24 (1): 1-12.
14. Kaiser PK. Treatment of Age-Related Macular Degeneration with Photodynamic Therapy (TAP) Study Group. Verteporfin therapy of subfoveal choroidal neovascularization in age-related macular degeneration: 5-year results of two randomized clinical trials with an open-label extension: TAP report no. 8. *Graefes Arch Clin Exp Ophthalmol* 2006; 244 (9): 1132-42.
15. Brown DM, Michels M, Kaiser PK, Heier JS, Sy JP, Ianchulev T; ANCHOR Study Group. Ranibizumab versus verteporfin photodynamic therapy for neovascular age-related macular degeneration: Two-year results of the ANCHOR study. *Ophthalmology* 2009; 116 (1): 57-65.e5.
16. Brown DM, Kaiser PK, Michels M, Soubrane G, Heier JS, Kim RY, Sy JP, Schneider S; ANCHOR Study Group. Ranibizumab versus verteporfin for neovascular age-related macular degeneration. *N Engl J Med* 2006; 355 (14): 1432-44.
17. Bressler NM, Chang TS, Fine JT, Dolan CM, Ward J; Anti-VEGF Antibody for the Treatment of Predominantly Classic Choroidal Neovascularization in Age-Related Macular Degeneration (ANCHOR) Research Group. Improved vision-related function after ranibizumab vs photodynamic therapy: a randomized clinical trial. *Arch Ophthalmol* 2009; 127 (1): 13-21.
18. Antoszyk AN, Tuomi L, Chung CY, Singh A; FOCUS Study Group. Ranibizumab combined with verteporfin photodynamic therapy in neovascular age-related macular degeneration (FOCUS): year 2 results. *Am J Ophthalmol* 2008; 145 (5): 862-74.
19. MONT BLANC Study Results. 17th Congress of the European Society of Ophthalmology, 2009, Amsterdam, the Netherlands.
20. Schmidt-Erfurth U, Kiss C, Sacu S. The role of choroidal hypoperfusion associated with photodynamic therapy in neovascular age-related macular degeneration and the consequences for combination strategies. *Prog Retin Eye Res* 2009; 28 (2): 145-54.
21. Ahmadieh H, Taei R, Soheilian M, Riazi-Esfahani M, Karkhaneh R, Lashay A, Azarmina M, Dehghan MH, Moradian S. Single-session photodynamic therapy combined with intravitreal bevacizumab and triamcinolone for neovascular age-related macular degeneration. *BMC Ophthalmol* 2007; 7:10.
22. Augustin AJ, Puls S, Offermann I. Triple therapy for choroidal neovascularization due to age-related macular degeneration: verteporfin PDT, bevacizumab, and dexamethasone. *Retina* 2007; 27 (2): 133-40.
23. Liggett PE, Colina J, Chaudhry NA, Tom D, Haffner G. Triple therapy of intravitreal triamcinolone, photodynamic therapy, and pegaptanib sodium for choroidal neovascularization. *Am J Ophthalmol* 2006; 142 (6): 1072-4.
24. Silva RM, Cachulo ML, Figueira J, de Abreu JR, Cunha-Vaz JG. Chorioretinal anastomosis and photodynamic therapy: a two-year follow-up study. *Graefes Arch Clin Exp Ophthalmol* 2007; 245 (8): 1131-9.
25. Silva RM, Faria de Abreu JR, Travassos A, Cunha-Vaz JG. Stabilization of visual acuity with photodynamic therapy in eyes with chorioretinal anastomoses. *Graefes Arch Clin Exp Ophthalmol* 2004; 242 (5): 368-76.
26. Kaiser PK, Boyer DS, Cruess AF, Slakter JS, Pilz S, Weisberger A; DENALI Study Group. Verteporfin plus ranibizumab for choroidal neovascularization in age-related macular degeneration: twelve-month results of the DENALI study. *Ophthalmology*. 2012 May;119(5):1001-10.
27. Koh A, Lee WK, Chen LJ, Chen SJ, Hashad Y, Kim H, Lai TY, Pilz S, Ruamviboonsuk P, Tokaji E, Weisberger A, Lim TH. EVEREST study: efficacy and safety of verteporfin photodynamic therapy in combination with ranibizumab or alone versus ranibizumab monotherapy in patients with

symptomatic macular polypoidal choroidal vasculopathy. *Retina*. 2012 Sep;32(8):1453-64.

28. Koh AH; Expert PCV Panel, Chen LJ, Chen SJ, Chen Y, Giridhar A, Iida T, Kim H, Yuk Yau Lai T, Lee WK, Li X, Han Lim T, Ruamviboonsuk P, Sharma T, Tang S, Yuzawa M. Polypoidal choroidal vasculopathy: evidence-based guidelines for clinical diagnosis and treatment. *Retina*. 2013 Apr;33(4):686-716.
29. Leal S, Silva R, Figueira J, Cachulo ML, Pires I, de Abreu JR, Cunha-Vaz JG. Photodynamic therapy with verteporfin in polypoidal choroidal vasculopathy: results after 3 years of follow-up. *Retina*. 2010 Sep;30(8):1197-205.
30. Oishi, A., Tsujikawa, A., Yamashiro, K., Ooto, S., Tamura, H., Nakanishi, H., Ueda-Arakawa, N., Miyake, M., Akagi-Kurashige, Y., Hata, M., Yoshikawa, M., Kuroda, Y., Takahashi, A., Yoshimura, N., 2015. One-year result of aflibercept treatment on age-related macular degeneration and predictive factors for visual outcome. *Am. J. Ophthalmol.* 159, 853e860 e851.
31. Yamamoto, A., Okada, A.A., Kano, M., Koizumi, H., Saito, M., Maruko, I., Sekiryu, T., Iida, T., 2015. One-year results of intravitreal aflibercept for polypoidal choroidal vasculopathy. *Ophthalmology* 122, 1866e1872.32- Visual Outcome in Patients With Symptomatic Macular PCV
32. Treated With Either Ranibizumab as Monotherapy or Combined With Verteporfin Photodynamic Therapy. (EVEREST II). . <https://clinicaltrials.gov/ct2/show/NCT01846273>
33. Aflibercept in Polypoidal Choroidal Vasculopathy (PLANET) (<https://clinicaltrials.gov/ct2/show/NCT02120950>)
34. Randomized, Double-masked, Sham-controlled Phase 4 Study, Efficacy, Safety, and Tolerability of Intravitreal Aflibercept Monotherapy Compared to Aflibercept With Adjunctive Photodynamic Therapy in Patients With Polypoidal Choroidal Vasculopathy (ATLANTIC). <https://clinicaltrials.gov/ct2/show/NCT02495181>.

[View PDF](#)