



WEST VIRGINIA BOARD OF OPTOMETRY

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West Virginia Board of Optometry Injections Formulary Updated and Board Approved November 1, 2024

A licensed Optometrist in West Virginia with the suffix **-IOD** at the end of his/her license number is authorized to administer pharmaceuticals by injection for the eye and its appendages governed by W. Va. Code §30-8-15, Injection of Pharmaceutical Agents and W. Va. Code R. §14-11-1 *et al.*

W. Va. Code § 30-8-6(a)(9) authorizes the West Virginia Board of Optometry to develop a formulary of categories of oral drugs to be considered rational to diagnosis and treatment of visual defects or abnormal conditions of the human eye and its appendages from Schedule III, IV and V.

West Virginia injection administration certified optometrists are permitted to use the following drug classes set forth in W. Va. Code §§30-8-9 and 30-8-14, and W. Va. Code R. § 14-2-7.2:

- 7.2.a. Antibiotics
- 7.2.b. Nonsteroidal Anti-inflammatory Drugs
- 7.2.c. Carbonic Anhydrase Inhibitors
- 7.2.d. Antihistamines
- 7.2.e. Corticosteroids
- 7.2.f. Analgesics
- 7.2.g. Nutritional Supplements
- 7.2.h. Neurotoxins
- 7.2.i. Anesthetics

Furthermore, W. Va. Code R. § 14-11-7 outlines the Injectable Pharmaceutical Agents Certificate Treatment Guidelines, including a list of approved sites and agents for the administration of pharmaceuticals by injection in compliance with all applicable Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) guidelines pertaining to administration of injections.

Board Approved injection sites and agents for the administration of pharmaceuticals by injection include:

- Subconjunctival area when clinically appropriate
- Eyelid and periocular area when clinically appropriate

Board Approved treatment guidelines for each agent approved for injection include:

- Antibiotics may be injected into the subconjunctival space, eyelid, or periocular area as clinically appropriate to treat bacterial infection of the eye, eyelid, or ocular adnexa.
- Nonsteroidal Anti-inflammatory drugs may be injected into the subconjunctival space, eyelid, or periocular area as clinically appropriate to treat inflammation of the eye, eyelid, or ocular adnexa.
- Corticosteroids may be injected into the subconjunctival space, eyelid, or periocular area as clinically appropriate to treat inflammation of the eye, eyelid, or ocular adnexa or for the treatment of chalazion.

- Neurotoxins (including, but not limited to botox, onabotulinumtoxinA, incobotulinumtoxiA, or generic equivalent) may be injected to treat blepharospasm.
- Anesthetics including sympathomimetics with or without epinephrine may be injected into the eyelid or periorcular area for local anesthesia prior to procedures on the eyelid or periorcular area.

W. Va. Code R. §14-11-8 also requires Injectable Pharmaceutical Agents Certificate holders comply with reporting requirements, including but not limited to, maintaining a log book of all injections administered. Please review W. Va. Code R. § 14-11-7 in its entirety for all applicable reporting requirements as well as stated restrictions certificate holders should know.

Important References:

W. Va. Code §§ 30-8-6, 30-8-9, and 30-8-14

W. Va. Code R. § 14-2-1 *et al.*

W. Va. Code R. § 14-11-1 *et al.*

References are available by contacting the Board office or visiting the following websites:

- West Virginia Code: <https://code.wvlegislature.gov/30-8/>
- Rules available from the Office of the West Virginia Secretary of State: <https://apps.sos.wv.gov/adlaw/csr/>

If you have questions or need additional information, please contact the Board office by phone at (304) 558-5901 or by email at info@wvbo.org.