**PRIALT (ziconotide)**

Effective Date: 1/28/14  
Date Developed: 1/28/14 by Robert Sterling, MD  
Last Approval Date: 1/26/16, 1/24/17, 1/23/18, 1/22/19, 2/18/20

**Prialt** is a synthetic form of a peptide found in the marine snail *Conus magus* which binds to afferent nociceptive nerves of the dorsal horn in the spinal cord and blocks the calcium channels, resulting in inhibition of excitatory neurotransmitter release.

**Authorization:** intrathecal infusion for the management of severe chronic pain refractory to other modes of treatment

**Dosing:** initiate at no more than 2.4 mcg/day (0.1 mcg/hr) then titrate in similar increments 2-3 times per week to response (maximum 19.2 mcg/day; 0.8 mcg/hr). Average dose 6.9 mcg/day (0.29 mcg/hr). Faster titration rates may be necessary if there is an urgent need for analgesia.

**PRECAUTIONS:** cognitive impairment; dizziness/vertigo; nausea; increase in serum CK(MM); opiate withdrawal if opiate discontinued abruptly; infections (injection site, CSF);

**DRUG INTERACTIONS:** potentiation of other CNS depressants;

**REFERENCES**


Staats PS, Yearwood T, Charapata SG, et al, “Intrathecal Ziconotide in the Treatment of Refractory Pain in Patients With Cancer or AIDS: A


**Revision History:**

Date Reviewed/No Updates: 1/13/15 by C. Sanders, MD  
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Date Reviewed/No Updates: 2/18/20 by H. Taekman, MD; R. Sterling, MD  
Date Approved by P&T Committee: 2/18/20

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