

# HEADACHE AND FACIAL INJECTION PROCEDURES



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ORTHOPAEDIC  
SPECIALISTS

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## **INDICATION:**

Cluster Headache, Tension Headache, Trigeminal Neuralgia, Atypical Face Pain

## **PROCEDURE:**

Under sterile conditions using appropriate image guidance, the injectate (Botox or steroid-anesthetic mixture) is carefully injected in specific regions in the face and head

*Botox injections/supraorbital, supratoclear, infraorbital, auriculotemporal nerve block, sphenopalantine ganglion block, occipital nerve block/trigeminal nerve block*

## **RARE ADVERSE EVENTS INCLUDE:**

Infection, Bleeding, Persistent or Worsening Pain, Nerve Damage, Paralysis

## **GOALS:**

Pain relief, Decrease Daily Pain Medication Requirement, Improvement in overall Functional Ability

The vast majority of patients tolerate the procedure well and report a dramatic improvement in their quality of life with pain relief lasting for several months.



**Jarron I. Tilghman, MD**

### **Physical Medicine & Rehabilitation Interventional Pain Management**

- Board Certifications:
  - Physical Medicine & Rehabilitation and
  - Performing Arts Medicine
- Fellowship: Interventional Pain  
Arizona Pain Specialists
- Medical School:
  - University of Illinois at  
Chicago College of Medicine
- Residency: University of Missouri