

Stellate Ganglion Block as a treatment modality for Nervus Intermedius Neuralgia: A Case Report

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Introduction

- Nervus intermedius neuralgia (NIN) is rare craniofacial neuralgia involving the sensory and parasympathetic fibers of the **facial nerve**
- Unique Pain Presentation : within in the ear canal and auricle.
- Few reports are published within scientific literature.

S.C.R.I.P.T History

Story	63y male 10+ year history of right facial allodynia and frequent stabbing sharp right auricular pain secondary to NIN. PMH : Arthritis, Multiple Sclerosis, Pulmonary Embolus
Current Symptoms	Sharp stabbing pain originating along the upper aspect of his right auricle and radiating into the right jaw, down the lateral aspect of his neck into the supraclavicular and infraclavicular region of the right arm and the right shoulder.
Relevant Medications	Diclofenac, Gabapentin, Baclofen, Klonopin, Eliquis, Hydrocodone
Interventions (Prior)	4x ENT Periauricular nerve blocks with Kenalog ("injection inside and around the ear)
Physical Therapy	No Physical therapy
Tests	Brian MRI & MRA of the Head: No abnormalities



Stellate Ganglion Blocks

↓ 70% Pain

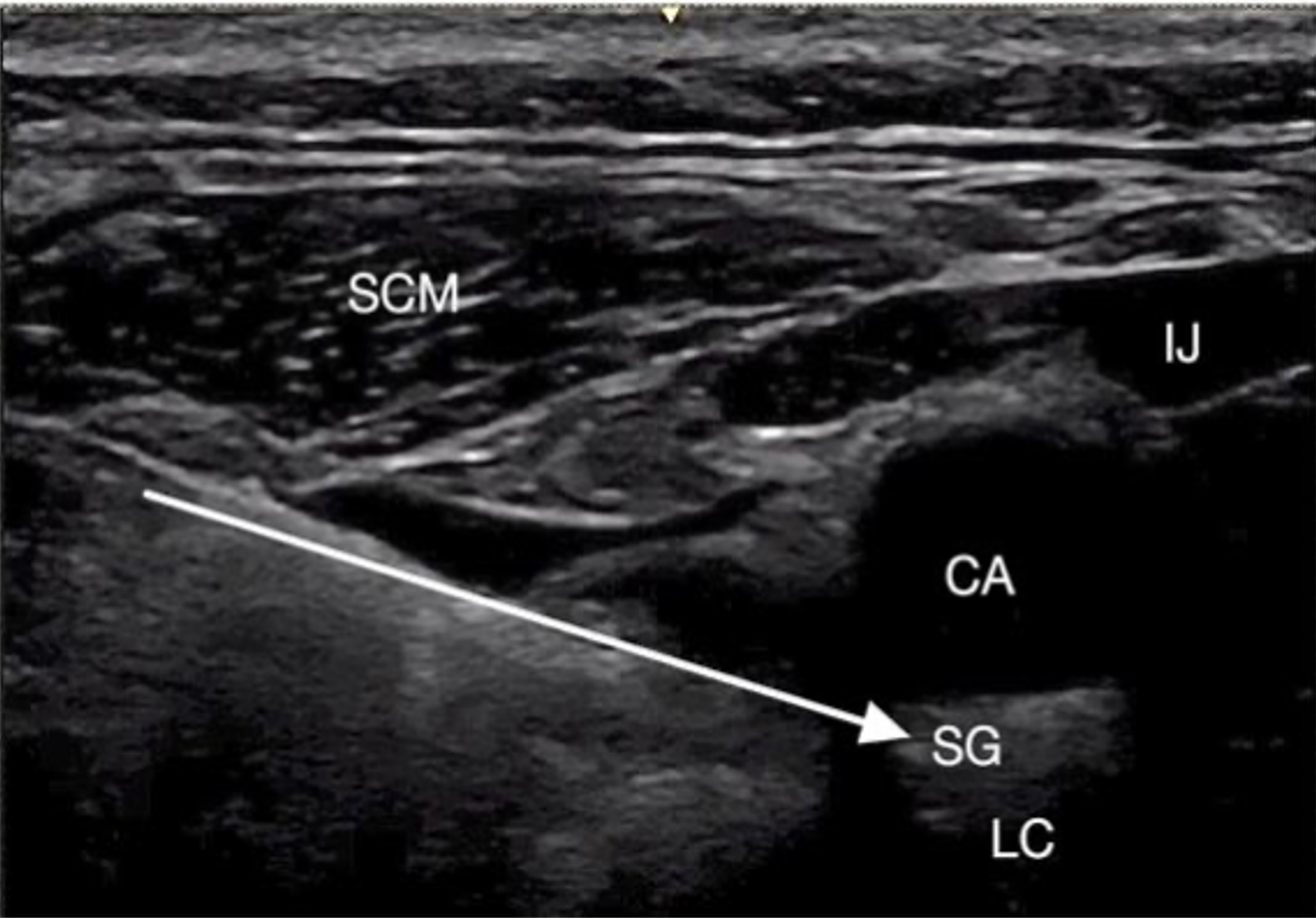
Nervus Intermedius Neuralgia



Scan for Full Abstract

Ultrasound Guided Stellate Ganglion Block

- 7 ml of 0.25% bupivacaine with 5 mcg of epinephrine per mL
- Visual the carotid(CA), internal jugular(IJ) & the stellate ganglion(SG) identified above the longus coli muscle(LC) and inferolateral to the carotid.



Results

- 70% Pain Reduction in 2 Month Follow-up

Conclusions

- SGB’s treat sympathetically mediated pain.
- Effective, Long-Lasting, Safe
- Option for patients who fail medical management.

