

## 2020 UNTHSC Conclave Resident Poster Session Form

To submit and present your poster at the 2020 UNTHSC TCOM Educational Conclave,  
**you must return both pages of this document.**

### 1. On this Page:

Fill in the following information

\*Please be sure to include all relevant information and titles of all associated participants

**Main Contact:**

**Position:**  Resident       Faculty       Administrator/Coordinator

**Catagory:**  Clinical Research       Educational Research       Case Report

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*Include main contact email to receive information about Conclave and the Poster session*

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### 2. On the Next Page:

Fill in all of the information for your abstract on the following page.

**This abstract will be published in the proceedings**

This abstract will be provided to the judges a week before the poster session. Judges will ask you questions about your research.

Please keep the font at 10 Calibri

There is not a maximum or minimum word count, however, **your abstract is limited to one page.**

Poster information will follow when an abstract submission is accepted

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**The Effects of Marijuana on Mixed Sensorimotor Chronic Inflammatory Demyelinating Polyneuropathy: A Case Report**

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**BACKGROUND/INTRODUCTION:**

Chronic inflammatory demyelinating polyneuropathy (CIDP) is an acquired immune-mediated neuromuscular disease of the nerve roots and peripheral nerves which often leaves the affected individual with neuropathic pain in their extremities. For individuals with refractory neuropathic pain, tetrahydrocannabinol (an active ingredient in marijuana) may have beneficial effects. This case study presents the first case in the literature of neuropathic symptoms alleviated by marijuana in mixed sensorimotor CIDP.

**METHODOLOGY:**

Case Study

**RESULTS:**

A 41-year-old male presented for an acute exacerbation of his mixed sensorimotor CIDP. To control this exacerbation, he was started on monthly intravenous immune globulin (IVIG) infusions. According to the patient, the IVIG infusions significantly helped him, but the burning and pain in his hands would often return quickly between treatments. He worked as a master jeweler, and the neuropathic pain in his hands greatly impacted his ability to perform the necessary tasks of his craft. Exploring ways to control his neuropathy, the patient decided to restart a college-old habit of marijuana use, in attempted relief from his symptoms. Within days of beginning daily marijuana use, he noticed a significant improvement in his peripheral neuropathic symptoms. With a greater relief from his neuropathy, he was able to perform his master jeweler craft again. Marijuana decreased the neuropathic pain and gave him the ability to work between IVIG infusions.

**CONCLUSION/DISCUSSION:**

The use of medical marijuana is still controversial in the United States. Yet, there is always an ongoing search for additional, even alternative or complementary, treatments for chronic progressive conditions, such as CIDP. With progression comes worsening pain and a disabling loss of function. Yet, in this case study the patient was able to return to his craft thanks to a combination of conventional, and recommended, IVIG treatments, in addition to unconventional, but seemingly beneficial, marijuana usage. Anecdotal evidence from this case study shows that it might be an effective future therapy for peripheral neuropathy secondary to CIDP.

Your Abstract submission is **limited to this one page only** (approximately 400 words).

Only this page will be included in the printed proceedings and judging packets.

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