



**MOST COMMON CAUSE OF SEVERE CENTRALIZED
INTRACTABLE PAIN (CIP) IS NOW AA**

It will probably surprise many people in this era of opioid controversy, but a lot of research has recently been done to identify the causes of severe, centralized intractable pain (CIP) and develop treatments for these causes to reduce opioid use.

Our studies show that the great majority (over 80%) of patients with severe, disabling CIP have one of only five underlying causes:

- Adhesive Arachnoiditis (AA)
- Ehlers-Danlos Syndrome
- Reflex Sympathetic Dystrophy (CRPS)
- Traumatic Brain Injury
- Post-Viral Headache/Neuropathy

Centralized pain is constant and unrelenting as opposed to intermittent and occasional pain.

AN OLD VIEW DIES AND A NEW BEGINNING IS HERE

OLD VIEW

Many medical practitioners in the past, have understandably claimed that pain, itself, is a disease, since severe pain produces profound effects on the body. Now that we can identify the underlying causes of CIP, however, it is clear, that CIP is a complication and symptom. AA clearly demonstrates this fact.



KEY POINT

Opioids, muscle relaxants, antidepressants, and neuropathic agents such as gabapentin are symptomatic. AA may progress unless curative and control treatment specifically for AA is taken.

NEW BEGINNING

Going forward, our direction is clear. Not only must the symptoms of CIP be treated and controlled, the underlying cause of CIP such as AA should specifically and simultaneously be treated.

NEW WAY OF CIP TREATMENT



**Symptomatic
Pain Relief**



**Underlying
Cause**