



## ADHESIVE ARACHNOIDITIS (AA)

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### THE HIGH ASSOCIATION OF EHLERS-DANLOS SYNDROME (EDS) AND SPINAL CANAL INFLAMMATORY DISORDERS

One of the most surprising findings of our adhesive arachnoiditis (AA) research with MRI's is that EDS and related syndromes are a major cause of not only AA, but also other spinal canal inflammatory disorders. This bulletin summarizes our research findings.

#### TISSUES THAT CAN BECOME INFLAMED

- Degenerated/protruding intervertebral discs
- Cauda equina nerve roots
- Arachnoid-dural lining (arachnoiditis-ARC)

#### COMPLICATIONS OF TISSUE INFLAMMATION

- Tarlov cysts
- Cerebral spinal fluid (CSF) leaks
- Adhesive arachnoiditis
- Syringomyelia
- Severe pain

**ANATOMIC SITES:** Cervical, thoracic, and lumbar-sacral.

If symptoms such as burning, pain, sensations of insect/water on skin it means that intraspinal canal inflammation is present and on-going medicinal suppression of inflammation is needed to halt his progress.

#### **NO WARNING**

The spinal canal inflammatory disorders can occur without warning although some have occurred after a physical injury, after infections such as Epstein-Barr or Lyme

#### **OTHER NEUROLOGIC COMPLICATIONS**

The inflammatory disorders have often occurred in conjunction with these spine conditions: (1) Chiari rupture; (2) syringomyelia; (3) tethered cord; and (4) collapsed vertebrae,

#### **CAUSE:**

Tissues in and around the spinal canal have high collagen content. EDS genetically programs collagen to dissolve causing micro-tears followed by inflammation and tissue destruction.

Ref: Sauasta, etal. Ehlers-Danlos Syndrome and neurologic features: a review. Childs Nerve Sys 2011;27:365-371.

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