A SERIOUS, SOMETIMES CHRONIC, NEUROLOGICAL CONDITION INVOLVING CROWDING OF THE CEREBELLUM, BRAINSTEM, AND SPINAL CORD THAT DISRUPTS THE NORMAL FLOW OF CEREBROSPINAL FLUID

WHO GETS CHIARI?
Affects more than 300,000 individuals in the US (1 in 1,000, all races)

10 COMMON SYMPTOMS (% AFFECTED)

- Headache (95%)
- Visual Problems (67%)
- Neck & Shoulder Pain (84%)
- Difficulty Sleeping (82%)
- Hand Numbness (57%)
- Balance Problems (73%)
- Fatigue (79%)
- Dizziness (79%)
- Audio Problems (63%)
- Cognitive Issues (70%)

of patients identify a specific traumatic event that triggered their symptoms

LONG-TERM IMPACT

- 44% of patients experience moderate to severe depression
- 80% of women report moderate to severe neck related disability
- 60% of patients experience moderate to severe anxiety

EXPLORING CHIARI

- 32 years old is the average diagnosis age
- 12% also have at least one immediate family member diagnosed with Chiari
- 54% of patients undergo surgery

Surgical Outcomes: Patient Reported (N= 737)

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Improved Significantly</td>
<td>43%</td>
</tr>
<tr>
<td>Improved Slightly</td>
<td>31%</td>
</tr>
<tr>
<td>No Change or Worse</td>
<td>26%</td>
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</table>

- 1/4 of decompressed patients visit the ER at least once within 30 days of discharge
- 17% of patients undergo more than one decompression surgery
- 78% of patients report it is difficult to work due to Chiari
- Up to 50% of adults have one or more variants on a collagen related gene

References: