**TMJD (Temporomandibular led disorder):** <u>https://dallastmjdr.com/tmj-3/diagnosing-tmjd/</u> "TMJ disorders can be difficult to diagnose for a number of reasons. With a less than clear understanding of the causes and exact symptoms of the disorders affecting the temporomandibular joint and surrounding muscles, healthcare professionals may be hesitant to diagnose a TMJ condition. "TMJ disorders fall under the provision of a number of healthcare specialities, such as dentists, ear nose and throat specialists, ... pain specialists, ... depending on the potential underlying causes of the condition. Additionally, the symptoms of TMJD are also characteristic of a number of other conditions, such as a toothache, sinus or ear infections, facial neuralgias, myofascial pain and various types of headaches.

There is no standard, widely accepted test used in the diagnosis of TMJD. However, one or more of the following tests to aid in the diagnostic process:

- \* X-rays of the face, joint and teeth of the patient may help identify the cause of TMJ pain symptoms.
- \* Magnetic resonance imaging (MRI) is used to view images of soft tissues including muscles and the disc of the jaw joint.
- \* Computed tomography (CT) scan offers a highly detailed view of bones in and around the jaw.

## PDF from http://carism.se/2021-2023/june-2023/

## Sternocleidomastoid & tinnitus https://www.eastwestphysiotherapy.com/sternocleidomastoid-and-

tinnitus/#:~:text=We%20have%20seen%20multiple%20cases,well%20as%20dizziness%20or%20vertigo

"We have seen multiple cases in our Burnaby physiotherapy clinic that an active trigger point in the sternocleidomastoid can cause pain on the side of the head just behind the ear, around the eye, forehead, and cheekbone. It can also cause pain and ringing in the ear (tinnitus), as well as dizziness or vertigo. 19 Mar 2021"



overview <- Picture from



Picture from Temporomandibular joint - Mayo Clinic + Link uppermost + Sternocleidomastoid & tinnitus (link above) BvS 2023-06-18: TMJ Different kind of dysfunctions with destructive complexity over time ifnot diagnosed and treated (with symptoms as pain, severe tinnitus ..) can be developed in associated bone, nerve, muscle, disk... Where reasons (more than one) can be stress associated behaviors, injury, chronic inflammation, sclerosis .. NB how close ear canal is?