

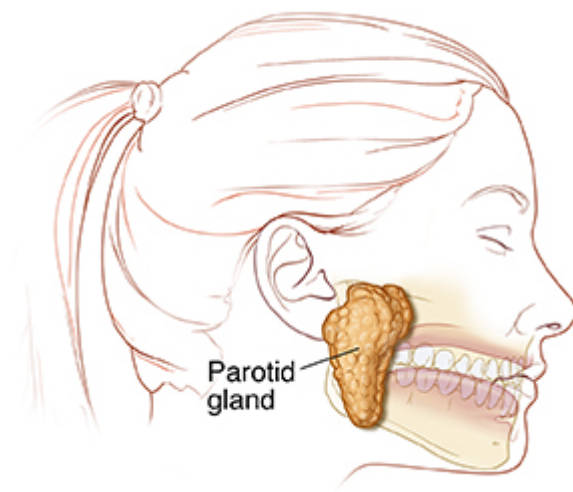
Treatment for Parotid Duct Obstruction



Parotid duct obstruction is when part of your parotid duct becomes blocked. The parotid ducts are 2 small tubes that lead from the parotid glands. These glands make saliva and send it into your mouth. When the parotid ducts are blocked, saliva can't flow normally.

Salivary gland stones can cause blockages. Your risk for a stone may increase if you:

- Don't drink enough fluids (dehydration)
- Take certain medicines (anticholinergics)
- Have had an injury



Types of treatment

You may start with treatments such as:

- Drinking more water
- Putting moist heat on the area
- Massaging the gland and duct
- Sucking on tart or sour candies to cause saliva to flow
- Using nonsteroidal anti-inflammatory drugs (NSAIDs)
- Stopping use of any medicines that lower the amount of saliva you make, if possible

Many symptoms go away quickly with these types of treatments. If your symptoms don't get better, you may need treatments such as:

- **Lithotripsy.** This treatment uses shock waves to break up the stone. Laser lithotripsy is offered in some parts of the U.S. It is an alternative treatment to extracorporeal lithotripsy. Extracorporeal lithotripsy is not approved by the FDA to treat salivary stones.
- **Sialoendoscopy with wire basket retrieval.** During this procedure, a healthcare provider puts a small lighted rod called an endoscope into the parotid duct. The endoscope helps the provider see the stone.

The provider may then use a wire basket to remove the stone through the duct. This procedure is used more often if a person has stones that keep coming back or if other treatments don't work.

- **Open surgery.** This may include taking out part of the parotid gland and part of the duct. Or a cut may be made to get to the stone if other methods don't work.

Your parotid gland should work like normal after the blockage is removed.

Possible complications of parotid duct obstruction

Sometimes obstruction of the duct also leads to infection of the gland and duct. This is more common in older adults. If you have an infection, you may have a fever and pain that gets worse. You may need treatment with antibiotics.

Most of the time, this kind of infection soon goes away with antibiotics. In other cases, a more severe infection may happen. You may have an infection of the deep layers of the skin. This can lead to a pus-filled infection (abscess) in your gland or neck. If your symptoms don't get better, you may need to see an ear, nose, and throat doctor (ENT or otolaryngologist).

When to call your healthcare provider

Call your healthcare provider or get care right away if you have any of these:

- Fever of 100.4°F (38.0°C) or higher, or as directed by your provider
- Pain that gets worse
- Pain in new areas of your head or neck

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