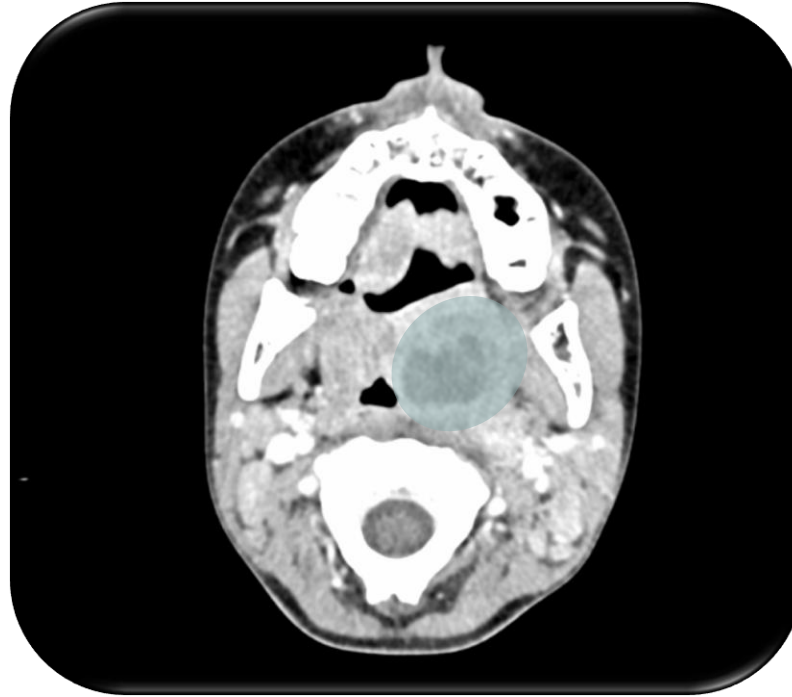


# Peritonsillar Abscess



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# Anamnesis & Examination

**Symptoms:** Sore throat, fever, cough, pain in left ear

## **Examination:**

- Trism
- redded oropharynx,
- bulging of left tonsillar pillar
- left-sided lymph adenopathy



# Anamnesis & Examination

**Symptoms:** Sore throat, fever, cough, pain in left ear

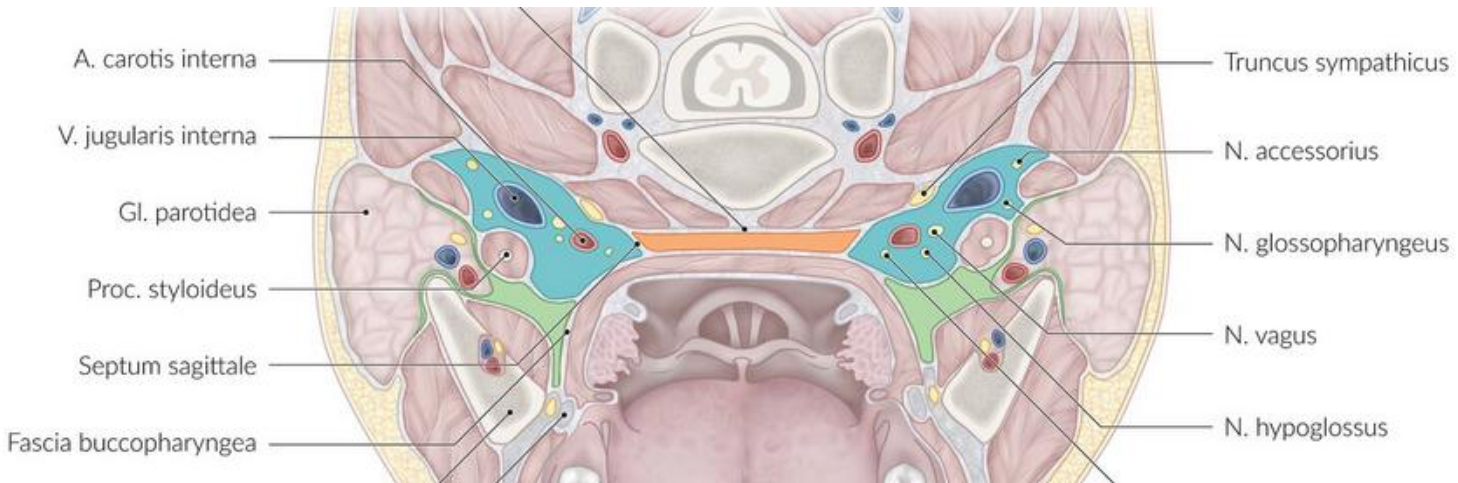
**Examination:**



# Differential Diagnosis

Peritonsillar	→ Parapharyngeal	Retropharyngeal
Tonsillar pillar	Lateral pharynx	Post. pharynx
Young adults	Young adults	Infants < 5 y/o
urgent	Life-threatening	Life-threatening
AB i.v.	Drain & AB	Drain & AB

# Risks & Complications

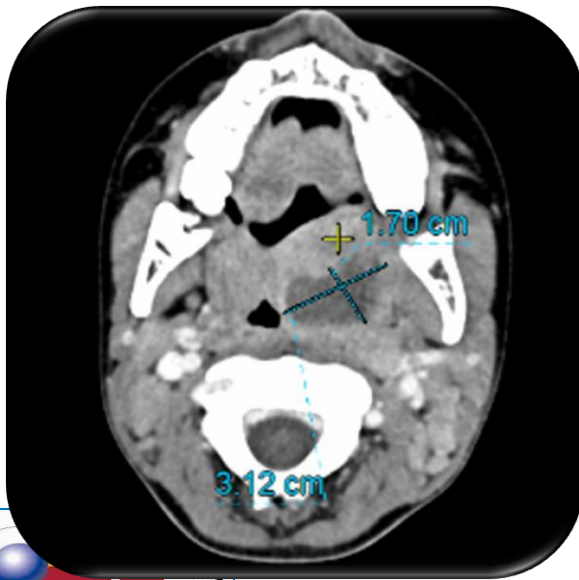


- Airway Compromise
- Mediastinitis, Sepsis
- Thrombosis/Thrombophlebitis of adjacent vessels
- Aspiration & Pneumonia

# Diagnostic procedure

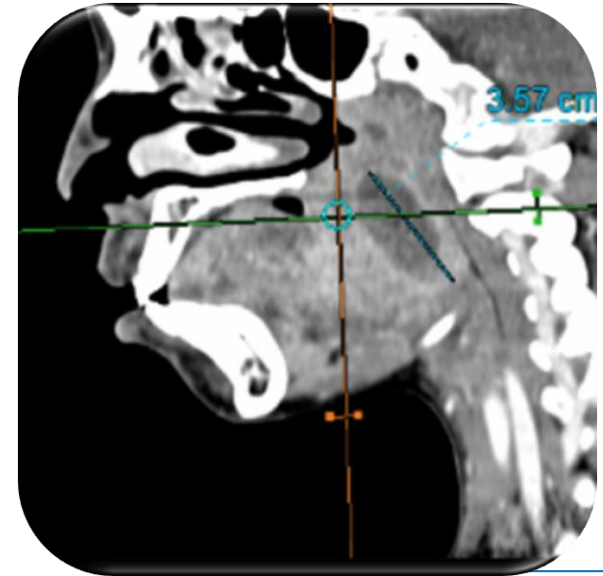
**Imaging:** MRI, CT, consider US & X-Ray

**Lab:** CBC, Inflammatory markers, electrolytes & coagulation



Neutrophilic  
leucocytosis

Platelets,  
PCT, CRP  
elevated



# Treatment

- Hydration
  - Analgetics
  - Antibiotics i.v.
  - Consider Surgery
- Needle Aspiration
  - Drainage
  - Tonsillectomy á chaud

Our patient:

- Paracetamol as short infusion, Metamizol
  - Amoxiclav i.v., Corticoids
- Tonsillectomy due to repetitive tonsillitis

# Sources

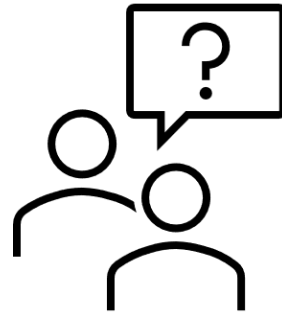
1. Eryılmaz A, Başak S, Lopatin A. Retropharyngeal and Parapharyngeal Abscesses in Children. In: Pediatric ENT Infections [Internet]. Springer, Cham; 2022 [cited 2025 Mar 25]. p. 539–50. Available from: [https://doi.org/10.1007/978-3-030-80691-0\\_47](https://doi.org/10.1007/978-3-030-80691-0_47)
2. Songu M, Kilavuz AE, Manole F. Peritonsillar Abscess in Children. In: Pediatric ENT Infections [Internet]. Springer, Cham; 2022 [cited 2025 Mar 24]. p. 533–8. Available from: [https://doi.org/10.1007/978-3-030-80691-0\\_46](https://doi.org/10.1007/978-3-030-80691-0_46)
3. Almuqamam M, Gonzalez FJ, Sharma S, Kondamudi NP. Deep Neck Infections. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2025 [cited 2025 Mar 25]. Available from: <http://www.ncbi.nlm.nih.gov/books/NBK513262/>
4. Mitchell RB, Archer SM, Ishman SL, et al. Clinical Practice Guideline: Tonsillectomy in Children (Update). Otolaryngol Head Neck Surg. 2019;160(S1):S1–42.
5. Herzon FS. Peritonsillar abscess: Incidence, current management practices, and a proposal for treatment guidelines. Laryngoscope. 1995 Aug;105(S3):1–17.
6. Risberg S, Engfeldt P, Hugosson S. Incidence of peritonsillar abscess and relationship to age and gender: Retrospective study. Scand J Infect Dis. 2008;40(10):792–6.

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# Thank you for your Attention!



## Any Questions?