Valle TTUTHSC MEDICINE	Cular Abscess in a Patient with History of Hidradenitis Suppurativa Tristin Chaudhury, M.S. ¹ , Drew H. Smith, M.D. ² , Yusuf Dundar, M.D. ² ¹ School of Medicine, Texas Tech University Health Sciences Center, Lubbock, Tx ² Department of Surgery, Texas Tech University Health Sciences Center, Lubbock, Tx	
 Introduction Vallecular abscess: a supraglottic cyst near the tongue base. Etiology: Due to dilated ducts from vallecula's ductal cell composition. Possible embryological malformation. Characteristics: Uniocular cysts with clear, non-infected serous fluid. Represent 10.5-20.1% of all laryngeal cysts. Clinical Presentation: Clinical Presentation: Large abscesses may cause airway obstruction and feeding difficulties. Treatment: Surgical debulking, cyst aspiration, or laser excision. Notable Observations: Vallecular cysts often undetected before anesthesia induction. Dysphagi is rarely due to a vallecular abscess. Vallecula cysts are rare and undereported. Case Highlight: Vallecula cyst in a patient with hidradenitis suppurativa causing acute airway and feeding issues. 	 Patient Profile: 30-year-old female. Medical History: Obesity, diabets, hidradenitis supporativa. Symptoms for 4-5 days: Breathing difficulty, hoarseness, cough, reduced appetite, ear pain, dysphagia. Prior evaluations: Deemed viral by primary care and urgent care. Initial Assessment: Physical Exam: Muffled voice, neck edema, submandfulbular and submental tenderness. Lab: Elevated WBC count (12.65 K/ul). CT Scan: 2.2 x.2.3 cm fluid collection near the tongue base, above the epiglottis. Treatment: Admission for observation, started IV clindamycin (600mg TID) & IV Levaquin (750 mg daily). No significant improvement in 2 days despite antibiotics. Surgical Evaluation: Aim: Differentiate vallecular abscess from thyrogoscop. Forcedure: Direct laryngoscopy. using Dedo-Pilling Laryngoscopy. Port-Orimal voice and unimpaired swallowing. Matiotation: Post-Op: V antibiotics continued for 2 days. Patient healing effectively. No rainel voice and unimpaired swallowing. 	Results • Patient Symptoms: • Respiratory distress, dysphagia odynophagia, hoarseness, coup poor appetite, otalgia. • Differential Diagnosis: • Includes thyroglossal duct cyst peritonsillar/parapharyngeal abscess, laryngocele, thyroid goiter. • Imaging: • Arrowed diagnosis to abscess near tongue base or thyroglossal duct cyst. • Context: • Thyroglossal duct cysts: comm in adults. • Oropharyngeal abscess: higher likelihood due to patient's hidradenitis suppurativa histor • Note: • Vallecular cysts in adults are ra especially those causing respiratory obstruction. • Exact prevalence and incidence unclear. • Key Takeaways: • The case aids in distinguishing diseases leading to similar nec masses. • Treatment insights: • Assess sympton • Review medical history. • Trial with antibiotics.
Methods Case Report and Literature Review.	 Neck free from new anomalies. Micro review: No growth. Absent fever or chills. Discharge: Oral Augmentin 875 mg for 5 days. Follow-up Imaging: Outcome: No recurrence of vallecular abscess. 	Conclusions Vallecular abscess is a rare diagnosis on the long lis of possible differentials for an enlarging neck mass Patients with hidradenits suppurative may be mor likely to develop an abscess in this location than th general public. Knowledge of disease differentiation, diagnostic imaging, and medical an
Tristin Chaudhury Tristin Chaudhury@ttuhsc.edu Texas Tech Health Sciences Center School of Medicine 3601 4th St. Lubbock, TX 79430	Post-Op Scope:	surgical intervention are essential for evaluation and treatment. Large vallecular abscesses can lead to dysphagia and airway obstruction and may require surgical intervention for removal.