	ANMC Acute Bronchitis	in Adolescents and	d Adults	
 Presenting Symptom Cough >5 days in a patient <u>WITHOUT</u> Often productive of purulent sputher Fever, low-grade (<100.5° F or <38° C Diffuse wheezes or rhonchi on examted the mathematical symptoms of the mathematical sympt	ive of purulent sputum 100.5° F or <38° C) rhonchi on exam → Asthma → Elderly (≥75 yea → Immunocompro → Heart Failure		Causes Influenza A and B Parainfluenza Human metapneumovirus Rhinovirus RSV 	
 Vital signs including SpO2 Consider influenza PCR during flusymptoms Consider pertussis PCR if paroxys Respiratory pathogen testing is disbronchitis Obtain CXR if: Hemoptysis Ill-appearing Focal abnormality on auscular Age >75 RR >24 or Temperature >1 	scouraged in uncomplicated acute	 Using antibiotics when Bacteria are uncomm Expected duration of Cough remedies and Antihistamines are NO Narcotic medications bronchitis 	• Pertussis Main Points eneficial for uncomplicated acute brom In not needed could do more harm than go on causes of acute bronchitis cough is 2-3 weeks (average 18 days) reassurance are the primary therapies DT effective for bronchitis should not be used for cough suppression er cough medications in children <4 years	ood. n in acute
Symptoms present <14-21 days <u>without</u> comorbidities	Treatment Options Medication Guaifenesin 100mg/5ml PO q4hr prn cough (ANMC Non-Formulary, patient responsible for purchasing) Dextromethorphan 10-20mg PO q4hr prn cough (max 120 mg/24hr) (ANMC Non-Formulary, patient responsible for purchasing) Albuterol inhaler 90mcg/inhalation 1-2 puffs PO QID prn difficulty breathing and wheezes present on exam in patients with asthma or underlying pulmonary disease Evaluate for pneumonia or COPD exacerbation or alternative causes		 Expected duration is Smoke free environr Avoidance of irritants Increase fluid intake Rest Humidify air 	2-3 weeks nent s
Symptoms <u>and</u> comorbidities present Adjunctive medications	 If positive evaluation, treat ac If negative evaluation, follow comorbidities Ibuprofen 400mg PO q6-8hr prn pain Naproxen 500mg PO q12hr prn pain Acetaminophen 325mg-650mg PO q 	Follow up if symptom	Follow up if symptoms worsenDescribe as "viral illness" or	

References: Braman SS. Chronic cough due to acute bronchitis: ACCP evidenced-based clinical practice guidelines. Chest. 2006 Jan. 129(1 Suppl):95S-103S; Kinkade S, Long NA. Acute Bronchitis: AAFP. Am Fam Physician. 2016 Oct 1;94(7):560-565; File TM. Acute bronchitis in adults. Oct 2017. Up to date.