ASP-031 ANMC Helicobacter pylori Pediatric Testing & Treatment Guideline								
Background Information				Indications for Testing				
• 75% of the AN/AI population is colonized with <i>H. pylori</i>					When to Test		When NOT to Test	
 (range: 61-84%, by region) Prevalence is highest in rural residents, people living in crowded homes, and people without access to in-home running water Increasing seropositivity with age: 0-4yo: 32% 5-9yo: 66.9% 10-14yo: 77.7% There is insufficient evidence-based data to support community-wide treatment eradication as a mechanism for gastric cancer prevention. 				 Clinical suspicion for gastric or duodenal peptic ulcer disease (PUD) Abdominal pain with alarm signs, ex. occult blood in stool, weight loss Consider in: Iron deficiency that is refractory to treatment, after other possible causes ruled out Chronic immune thrombocytopenia (ITP) 			 Chronic abdominal pain without alarm signs Nausea/Vomiting Diarrhea Halitosis Flatulence Constipation Short Stature Initial work up of iron deficiency anemia 	
Diagnostic Testing								
Gold standard for diagnosis of H. pylori in children is endoscopy with biopsy and culture or histopathology.								
Refer to Pediatric GI for evaluation and consideration of endoscopy (specifically note "endoscopy eval for H. pylori" on referral)								
 If wait time for endoscopy with pediatric GI is prolonged, can refer to pediatric surgery for endoscopy (if scope by peds surgery, follow up/treatment must be managed by the primery core team) 								
primary care team)								
Current evidence DOES NOT support using a non-invasive test (stool antigen or usea breath test) for diagnosis/treatment initiation without endoscony. The incidence of								
asymptomatic positive H pylori stool or breath test is high in the AN/AI population. If concern is high for PLID or another condition mentioned above, endoscopy is the correct								
diagnostic step. Only refer for testing when concern is high enough for an upper GI process that an endoscopy is necessary to visualize the dut and obtain biopsies.								
• Non-invasive testing may be considered in the evaluation of chronic ITP when visualization of the stomach is otherwise not indicated (weak recommendation)								
Therapy Selection Testing to Confirm Eradication								
	Medications	Weight 15-24 kg	Weight 25-3	34 ka	Weight 35+ kg	Duration		
Preferred Therapy	Omeprazole Amoxicillin Metronidazole Bismuth	20 mg PO BID 500 mg PO BID 250 mg PO BID See below	30 mg PO BID 750 mg PO BID 375 mg PO BID See below		40 mg PO BID 1000 mg PO BID 500 mg PO BID See below		Non-invasive testing (stool antigen or urea breath test) is recommended to confirm for eradication four weeks after the end of treatment. <i>Non-invasive testing is unreliable if <2 weeks</i> <i>since stopped PPI or <4 weeks since stopping</i>	
	Omeprazole	20 mg PO BID	30 mg PO BID 375 mg PO BID 2.2 mg/kg/dose PO BID See below		40 mg PO BID	14 days x		
Rota	Metronidazole	250 mg PO BID			500 mg PO BID		antibiotics	
Lactam	Doxycycline	2.2 mg/kg/dose PO BID			2.2 mg/kg/dose PO BID (max		If negative there is low risk of relapse and	
Allergy*					100 mg/dose)		does not require repeat testing unless	
,	Bismuth	See below			See below		symptoms return	
	Bismuth	<10vo: 262 mg DO 4v do	ily	If positive discuss with Pediatric ID Specialis				
	subsalicylate	~ 1000 . 202 mg PO 4x daily						
Considerations								
*If non-type L beta-lactam allergy refer for allergy testing or complete in-office beta-lactam challenge. If allergy can be resolved amoxicillin regimen is the preferred regimen in children								
Doxycycline was traditionally avoided in ages <8 years, but use has more recently been accepted for short courses (<21 days) for all ages when necessary								
Antimicrobial Stewardship Program Approved June 2023, June 18, 2025								
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