

Appendix 1. Summary of 2009 guidelines and of changes made in the 2016 updates.

Age group	Infection	Precisions	1st antibiotic	2nd antibiotic	Total dosage 1st antibiotic (mg)		Total dosage 2nd antibiotic (mg)		Changes in 2016 guidelines	
					Minimum	Maximum	Minimum	Maximum	Antibiotic	Total dosage (mg)
Children (0-17 years old)	Otitis		Amoxicillin							
			Amoxicillin-clavulanate					Can be combined with amoxicillin.		
			Ceftriaxone							
			Azithromycin							
			Cefprozil							
			Cefuroxime							
			Clarithromycin							
	Pharyngitis			Clindamycin					Not recommended anymore.	
				Amoxicillin						
				Phenoxymethylpenicillin						
			if allergic	Azithromycin						
			if allergic	Cefalexin						
	Pneumonia		if allergic	Clarithromycin						
				Azithromycin						
				Clarithromycin						
	Sinusitis			Amoxicillin						Has to be combined with amoxicillin-clavulanate.
				Amoxicillin-clavulanate						
				Cefuroxime						
			if allergic	Cefprozil						Cefprozil now recommended.
			if allergic	Cefuroxime						Can be combined with amoxicillin.
COPD exacerbations and bronchitis		if allergic	Clarithromycin							
		if allergic	Clindamycin						Not recommended anymore.	
		if COPD	Amoxicillin	10500	10500					
		if COPD	Amoxicillin-clavulanate	10500	12250					
		if COPD	Azithromycin	1500	1500					
		if COPD	Cefuroxime	5000	5000					
		if COPD	Ciprofloxacin	7000	15000					
		if COPD	Clarithromycin	7000	7000				No update in 2016.	
		if COPD	Doxycycline	2000	2000					
		if COPD	Levofloxacin	3500	3750					
Adults	Pharyngitis		Moxifloxacin	2000	2000					
			Trimethoprim-sulfamethoxazole	3200	3200					
				Phenoxymethylpenicillin	12000	12000				
			if allergic	Azithromycin	1500	1500				
			if allergic	Cefadroxil	10000	10000				
	Pneumonia		if allergic	Cefalexin	10000	10000				
			if allergic	Clarithromycin	5000	5000				
				Azithromycin	1500	1500				Amoxicillin now recommended. 10000
				Clarithromycin	7000	7000				Clindamycin now recommended if allergic. 9000
			if allergic	Doxycycline	2000	2000				
		if comorbidity	Amoxicillin	30000	30000	1500	1500			
		if comorbidity	Amoxicillin	30000	30000	7000	7000			
		if comorbidity	Amoxicillin-clavulanate	15000	17500	1500	1500		No update in 2016.	
		if comorbidity	Amoxicillin-clavulanate	15000	17500	7000	7000			
		if comorbidity	Azithromycin	1500	1500	7000	7000			
Sinusitis		if comorbidity	Cefuroxime	7000	7000	7000	7000			
		if comorbidity	Levofloxacin	3500	7000					
		if comorbidity	Moxifloxacin	4000	4000					
			Amoxicillin	15000	15000				7500 only	
			Amoxicillin-clavulanate	15000	17500				10500 to 12250	
			Levofloxacin	5000	5000					
			Moxifloxacin	2800	2800				2000 only	
		if allergic	Cefuroxime	3500	3500					
		if allergic	Clarithromycin	7000	14000				7000 only	
		if allergic	Trimethoprim-sulfamethoxazole	32000	32000					
								Cefixime now recommended if allergic. 4000 only		
								Doxycycline now recommended if allergic. 2000 only		

Note: This table presents the information relevant to our analyses, it does not present the entire content of the guidelines.