

**Reference Number:** FOI/2020/072  
**From:** Commercial  
**Date:** 19 February 2020  
**Subject:** Anti infectives - use in last 12 months

Q1 1 – How many patients have you treated in the last 12 months for complicated Intra Abdominal Infections with the following:

Drug Name	Total
Amoxicillin/clauvanate	
Piperacillin/tazobactam	
Ceftazidime/avibactam (Zavicefta)	
Ceftolozane/tazobactam (Zerbaxa)	
Carbapenems (such as: Meropenem, Imipenem/cilastatin, Ertapenem)	
Aminoglycosides (such as: Gentamicin, Amikacin, Tobramycin)	
Cephalosporins (such as: Cefotaxime, Ceftazidime, Ceftriaxone)	
Quinolones (such as: Ciprofloxacin, Levofloxacin, Ofloxacin)	
Polymixins (such as: Colistin)	

A1 At LHCH we use the indicators abdominal infection, UTI, Hospital acquired pneumonia (including aspiration) - we do not differentiate between complicated and uncomplicated.

For the data provided please note the following

- Numbers are based on individual patient spells
- There was the occasional crossover where patient had been diagnosed with more than 1 of the conditions listed above
- Some patients were often given more than 1 of the medications causing extra counting of patients (see Table 1)
- The data pulled is for discharges between 1st March 19 and 29th Feb 2020 (12 months)

<u>Table 1</u>	
<b>Multiple Patients were treated with more than 1 anti - infective causing overlap of figures</b>	
Actual Individual Number of Abdominal Patients	35
Actual Individual Number of UTI patents	222
Actual Individual Number of Hosp_Pneumonia Patients	765
	<b><u>1022</u></b>
<b>Number of patients who had more than 1 Diagnosis During Spell</b>	
Abdominal and Hospital acquired pneumonia	5
UTI and Hospital acquired pneumonia	5

Drug Name	Total
Amoxicillin/clauvanate	4
Piperacillin/tazobactam	11
Ceftazidime/avibactam (Zavicefta)	0
Ceftolozane/tazobactam (Zerbaxa)	0
Carbapenems (such as: Meropenem, Imipenem/cilastatin, Ertapenem)	2
Aminoglycosides (such as: Gentamicin, Amikacin, Tobramycin)	8
Cephalosporins (such as: Cefotaxime, Ceftazidime, Ceftriaxone)	1
Quinolones (such as: Ciprofloxacin, Levofloxacin, Ofloxacin)	2
Polymixins (such as: Colistin)	0

Q2 2 – How many patients have you treated in the last 12 months for Complicated Urinary Tract Infections with the following:

Drug Name	Total
Amoxicillin/clauvanate	
Piperacillin/tazobactam	
Ceftazidime/avibactam (Zavicefta)	
Ceftolozane/tazobactam (Zerbaxa)	
Carbapenems (such as: Meropenem, Imipenem/cilastatin, Ertapenem)	
Aminoglycosides (such as: Gentamicin, Amikacin, Tobramycin)	
Cephalosporins (such as: Cefotaxime, Ceftazidime, Ceftriaxone)	
Quinolones (such as: Ciprofloxacin, Levofloxacin, Ofloxacin)	
Polymixins (such as: Colistin)	

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Drug Name	Total
Amoxicillin/clauvanate	5
Piperacillin/tazobactam	11
Ceftazidime/avibactam (Zavicefta)	0
Ceftolozane/tazobactam (Zerbaxa)	0
Carbapenems (such as: Meropenem, Imipenem/cilastatin, Ertapenem)	2
Aminoglycosides (such as: Gentamicin, Amikacin, Tobramycin)	15
Cephalosporins (such as: Cefotaxime, Ceftazidime, Ceftriaxone)	47
Quinolones (such as: Ciprofloxacin, Levofloxacin, Ofloxacin)	32
Polymixins (such as: Colistin)	0

Q3 3 – How many patients have you treated in the last 12 months for hospital acquired Pneumonia and / or Ventilator acquired Pneumonia (HAP/VAP) with the following

Drug Name	Total
Amoxicillin/clauvanate	
Piperacillin/tazobactam	
Ceftazidime/avibactam (Zavicefta)	
Ceftolozane/tazobactam (Zerbaxa)	
Carbapenems (such as: Meropenem, Imipenem/cilastatin, Ertapenem)	
Aminoglycosides (such as: Gentamicin, Amikacin, Tobramycin)	
Cephalosporins (such as: Cefotaxime, Ceftazidime, Ceftriaxone)	
Quinolones (such as: Ciprofloxacin, Levofloxacin, Ofloxacin)	
Polymixins (such as: Colistin)	

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Drug Name	Total
Amoxicillin/clauvanate	372
Piperacillin/tazobactam	299
Ceftazidime/avibactam (Zavicefta)	0
Ceftolozane/tazobactam (Zerbaxa)	0
Carbapenems (such as: Meropenem, Imipenem/cilastatin, Ertapenem)	71
Aminoglycosides (such as: Gentamicin, Amikacin, Tobramycin)	38
Cephalosporins (such as: Cefotaxime, Ceftazidime, Ceftriaxone)	5
Quinolones (such as: Ciprofloxacin, Levofloxacin, Ofloxacin)	293
Polymixins (such as: Colistin)	1