

Real time data dashboards for anti-microbial stewardship



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NHS Foundation Trust

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Respecting everyone
Embracing change
Recognising success
Working together
Our hospitals.



Transforming
Care

Background

- UHBristol
- Global Digital Exemplar
- Work with System C (software developer)



Background

- Introduced a new electronic prescribing and administration (EPMA) system in October 2017
- Work with our Trust's information team
- Taken on in-house development

Anti-infectives

Anti-Infectives



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[View Compliance](#)

Position from Medway at: 21/06/2018 13:24:30

Antibiotic	Number
co-amoxiclav	6
vancomycin	3
flucloxacillin	3
ciprofloxacin	2
benzylpenicillin	2
piperacillin / tazobactam	1
amoxicillin	1
azithromycin	1
gentamicin	1
micafungin	1
trimethoprim	1
aciclovir	1
fluconazole	1
levofloxacin	1
nystatin	1
quinine bisulfate	1

Indication	Number
CAP	20
Endocarditis	4
long term treatment	1
Staph aureus from CRTD (cardiac device)	1
Bacteremia (ecoli)	1

Ward	Number
C708	11
C705	9
C805	5
A516	1
C603	1

Bed	Patient	Consultant	Medsline	Route	Indication	Course in Days	Review in Days	AKI Stage	Abnormal Results	Cultures
A516 Chair 06	Mr Test Patient	A Doctor	vancomycin 1.5grams TWICE a day (Please take pre-dose level prior to dose on: 13/06/18 evening dose. Do not wait for level)	Oral	Endocarditis	2	-2		▲ CRP	11/06/2018 10:46:00 - BLOOD CULTURE (2 BOTTLE SET) FOR MCS
C603 Bed 03	Ms Test Patient	A Doctor	flucloxacillin 2 grams FOUR times a day	Intravenous	Staph aureus from CRTD	11	0	1	▲ Cr, CRP, Urea ▼ Hb, PLT, K	06/06/2018 09:30:00 - MRSA SCREEN 18/06/2018 16:18:00 - BLOOD CULTURE (2 BOTTLE SET) 14/06/2018 14:46:00 - (B) URINE CULTURE
C705 Bed 05	Mrs Test Patient	A Doctor	co-amoxiclav 1200 mg THREE times a day	Intravenous	HAP	1 (4)	1		▲ CRP, PLT ▼ Ca, Hb	11/06/2018 10:46:00 - BLOOD CULTURE (2 BOTTLE SET) 06/06/2018 09:30:00 - MRSA SCREEN 18/06/2018 16:18:00 - BLOOD CULTURE (2 BOTTLE SET)

Impact / Future

- Roll-out of EPMA
- Antimicrobial rounds
- Audit data

ANY
QUESTIONS?

