Example 3.

Draft

POETIC
point of care testing for urinary tract infection in primary care

SEVENTH FRAMEWORK PROGRAMME

Flexicult Test

CRF 0 4

Today's Date 0 1 / 0 5 / 2 0 1 3
d d m m y y y y

Patient ID 1 3 0 0 1

Site ID 0 1

Patient's Initials N K

Patient's Date of Birth 0 3 / 0 7 / 1 9 8 5
d d m m y y y y

Please check the expiry date of the Flexicult Test
DO NOT USE IF THE TEST HAS EXPIRED
3 0 / 0 5 / 2 0 1 3
d d m m y y y y

Date Inoculated 0 1 / 0 5 / 2 0 1 3
d d m m y y y y

Please use 24 hour clock eg 17:15

Time Inoculated 1 6 : 0 0
h h m m

Please read within 24 hours of this time

The following section is to be completed 24 hours after the plate has been inocluated

Date Test Read 0 1 / 0 5 / 2 0 1 3
d d m m y y y y

Please use 24 hour clock eg 17:15

Time Test Read 1 1 : 0 0
h h m m

1. Has a photo been taken? Yes ☑ No ☐

See photography SOP in POETIC study manual

2. Is there bacterial growth (colonies) in the large control section ? (Tick One)

☐ No Growth - If there is no growth please go to question 5

☑ Pure growth (single type of bacteria) - If there is pure growth go to question 3

☐ Mixed Growth (multiple types of bacteria) - If there is mixed growth please answer the question below

If there is **Mixed Growth** Is there one predominant type of bacteria?
(present in a quanitity 10 times higher than the other bacteria)

☐ Yes - please go to question 3

☐ No - please go to question 4

3. Please indicate the growth, the colour, the identification and the antibiotic resistance of the (Pure or Predominant) bacteria;

Growth in control (large) compartment (tick one)	Colour of (pure or predominant) bacteria only
☐ Less than 15 colonies	*Red*
☐ 15-20 colonies(= less than 10^3 cfu/mL)	**Name of Predominant bacteria**
☐ More than 20 colonies(= 10^3 to less than 10^5 cfu/mL)	☑ E. coli
	☐ Klebsiella / Enterobacter
☑ Semi confluent/ confluent growth (= (greater than or equal to 10^5 cfu/mL)	☐ Proteus spp/ Proteus vulgaris
	☐ Enterococcus
	☐ Staphylococcus saprohyticus
	☐ Candida
	☐ Pseudmonas aeruginosa
	☐ Normal Flora / Contaminants
	☐ Not Sure

In the following table only Complete the antibiotic resistance profile if there are more than 20 colonies (10^3 cfu/mL) in the large compartment.

The colonies in the antibiotic compartments should be compared to the colonies in the large control compartment.

If the number of colonies in the antibiotic compartment is much lower (or no colonies) that in the control compartment then this should be recorded as sensitive to that antibiotic.

If the number of colonies in the antibiotic compartment is similar to that in the control compartment then this should be recorded as resistant to that antibiotic

Section	Antibiotic	Sensitive	Resistant	Unsure
1	Cephalothin	✓		
2	Ciprofloxacin	✓		
3	Amoxicillin / Clavulanate	✓		
4	Nitrofurantoin	✓		
5	Trimethoprim	✓		

4 Complete only for Mixed Growth with NO Predominant Bacteria

a. **How many types of bacteria are present?** ☐ 2   ☐ 3   ☐ 4   ☐ unable to determine

b. **Are there more than 20 colonies present in the control section in total**   Yes ☐   No ☐

Management

5. a. If the Flexicult was invalid, void or the test showed mixed growth (i.e with no predominant bacteria) did you request routine urine test   Yes ☐   No ☐   N/A ☑

    b. After reading the Flexicult Test did you contact the patient?   Yes ☑   No ☐

    c. Did you change your patients management in response to the Flexicult test   Yes ☑   No ☐

6. What advice did you give about antibiotic treatment?

    No Antibiotic needed / Do not start taking antibiotics   ☐

    Stop taking current antibiotic   ☐

    Start taking antibiotic prescribed at baseline visit   ☑

    New Antibiotic prescribed (please list below)   ☐

Name of Antibiotic	Dose	Times Per Day	Duration (Days)

7. Did you give the patient any other advice following the result of the Flexicult Test?

No.