

ICCQIP surveillance protocol updates

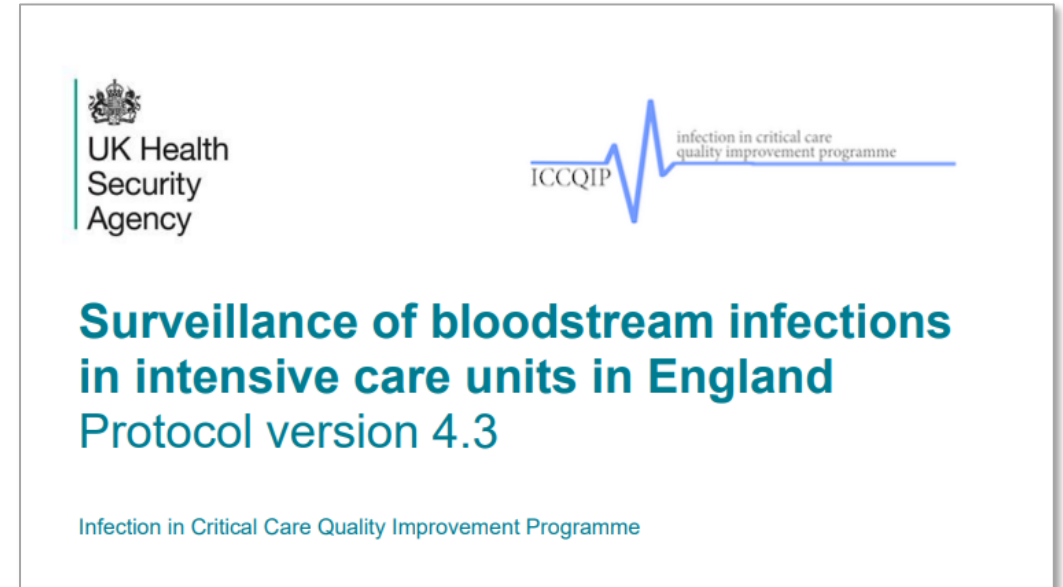
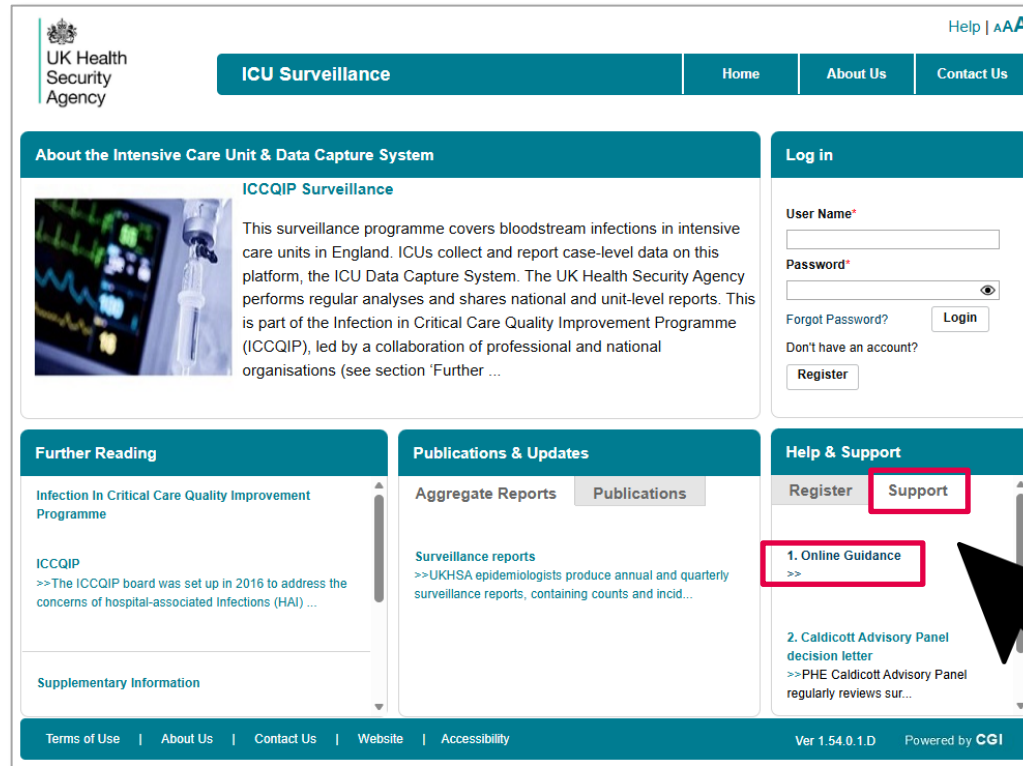
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Aim

To provide:

- an overview of changes
- an opportunity to ask any questions



0. Surveillance protocol

- Surveillance protocol
- Archived - Surveillance protocol v3.4

Change from CVC to CL

All references to central vascular catheter (CVC) will be updated to the term central line (CL):

central vascular catheters (CVCs) → central lines (CLs)
catheter-associated BSI (CABSI) → central line-associated BSI (CLABSI)
catheter-related BSI (CRBSI) → central line-related BSI (CLRBSI)

- To avoid confusion over the term catheter
- Following feedback from stakeholders using our annual report
- **Terminology change only – no change to the list of vascular devices included**

The screenshot displays a medical data entry interface. At the top, a horizontal navigation bar contains six tabs: 'Episode Details', 'Positive Blood Culture' (with a green checkmark), 'Clinical Symptoms' (with a green checkmark), 'Treatment' (with a green checkmark), 'CVC Data' (highlighted with a red box), and 'Source of Infection' (with a green checkmark). Below the tabs, a blue information banner states: 'Mandatory fields are marked with red asterisk(*)' and 'Mandatory for Sign-Off fields are marked with red hash(#)'. In the main content area, a field labeled 'CVC Details*#' is highlighted with a red box, indicating its mandatory status for both data entry and sign-off.

Change to CLRBSI questions – ICUDCS case capture page

Episode Details

Positive Blood Culture

Clinical Symptoms

Treatment

CVC Data

Source of Infection

 Mandatory fields are marked with red asterisk(*)
Mandatory for Sign-Off fields are marked with red hash(#)

CVC Details*#

Was a CVC in situ for at least 2 days at the time the first blood culture was drawn?

#

Yes

If a pus sample from the CVC insertion site was cultured, was it positive for this same organism?

*

No

If a CVC was removed after the positive blood culture, did the patient's symptoms improve within 48 hours?

*

No

If the CVC tip was cultured, was it positive for this same organism? (Quantitative culture >=1,000 CFU / catheter segment, or semi-quantitative culture >15 CFU/mL)

?

Not Applicable

If paired blood cultures were taken, and both were positive for this same organism, was the quantitative blood culture ratio >5:1? (CFU in the CVC blood culture >5 times higher than in the peripheral blood culture)

*

?

Not Applicable

If paired blood cultures were taken, and both were positive for this same organism, was the differential time to positivity >=2 hours? (CVC blood culture positive >=2 hours before peripheral blood culture)

*

How many uninterrupted periods, during this critical care admission, did the patient have one or more central venous catheters in place?

Was a CVC in situ for at least 2 days at the time the first blood culture was drawn?	YES		
	Follow up questions:	If a pus sample from the CVC insertion site was cultured, was it positive for this same organism?	If the CVC tip was cultured, was it positive for this same organism? (Quantitative culture >=1,000 CFU / catheter segment, or semi-quantitative culture >15 CFU/mL)
No		44.20%	4.17%
Yes		1.13%	1.41%
Not Applicable		54.59%	12.72%
Blank		0.08%	81.70%

If paired blood cultures were taken, and both were positive for this same organism, was the quantitative blood culture ratio >5:1? (CFU in the CVC blood culture >5 times higher than in the peripheral blood culture)	YES		
	Follow up questions:	If a pus sample from the CVC insertion site was cultured, was it positive for this same organism?	If the CVC tip was cultured, was it positive for this same organism? (Quantitative culture >=1,000 CFU / catheter segment, or semi-quantitative culture >15 CFU/mL)
No		44.20%	4.17%
Yes		1.13%	1.41%
Not Applicable		54.59%	12.72%
Blank		0.08%	81.70%

Change to CLRBSI questions – ICUDCS case capture

Episode Details	✓ Positive Blood Culture	✓ Clinical Symptoms	✓ Treatment	CVC Data	✓ Source of Infection
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! Mandatory fields are marked with red asterisk(*)
Mandatory for Sign-Off fields are marked with red hash(#)

☐ CVC Details*#

Was a CVC in situ for at least 2 days at the time the first blood culture was drawn?	#	Yes
If a pus sample from the CVC insertion site was cultured, was it positive for this same organism?	*	No
If a CVC was removed after the positive blood culture, did the patient's symptoms improve within 48 hours?	*	No
If the CVC tip was cultured, was it positive for this same organism? (Quantitative culture $\geq 1,000$ CFU / catheter segment, or semi-quantitative culture > 15 CFU/mL)	?	Not Applicable
If paired blood cultures were taken, and both were positive for this same organism, was the quantitative blood culture ratio $> 5:1$? (CFU in the CVC blood culture > 5 times higher than in the peripheral blood culture)	* ?	Not Applicable
If paired blood cultures were taken, and both were positive for this same organism, was the differential time to positivity ≥ 2 hours? (CVC blood culture positive ≥ 2 hours before peripheral blood culture)	* ?	No
How many uninterrupted periods, during this critical care admission, did the patient have one or more central venous catheters in place?	?	-- Select --

Change to CLRBSI questions – ICUDCS case capture page

ICU central line-related bloodstream infection (ICU-CLRBSI)

Meets all the following criteria:

- ICU-BSI as defined above
- at least one central line was in place within 48-hours (2-days) of the first blood culture being taken (even if it was used only intermittently)
- at least one of the following:
 - differential delay of positivity of blood cultures: central line blood sample culture positive **for the same microorganism** 2 hours or more before peripheral blood culture (blood samples drawn at the same time)

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Surveillance of bloodstream infections in patients attending intensive care units in England:

OR

- symptoms improve within 48hr of removal of central line

- Simplify data entry
- Only entering data that is routinely used in clinical practice in England
- Align more closely with ECDC case definitions



Organism names updated to reflect name changes

Candidozyma auris added



CANDIDOZYMA AURIS	Pathogen	Candidozyma auris
NAKASEOMYCES GLABRATA	Pathogen	Nakaseomyces spp., other

Previously *Candida glabrata*



Previously *Clostridium difficile*

CLOSTRIDIODES DIFFICILE	Pathogen	Other Gram-positive bacteria
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CUTIBACTERIUM SPECIES	Skin commensal	Other Gram-positive bacteria
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Previously *Propionibacterium*

Questions...



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