

**Critical Care Guide
CPE SCREENING TOOLKIT (1)**
To prevent the spread of CPE,
all patients must be risk assessed for CPE
at pre-admission or on admission

Attach Addressograph

Admission TRAK Clinical Risk Assessment
☐ Any TRAK Infection ALERT?
☐ MRSA/CPE/Infection prevention & control Assessment

**Action Required
for suspected or
known CPE (or CPO)**

**Follow Isolation Prioritisation Guidance
and
Apply transmission based precautions**

**Inform the
Patient, NOK, family
and MDT**

On admission
**Complete
CPE RISK ASSESSMENT (2)**
Available on the intranet

- ☐ History of CPE
- ☐ Known exposure to CPE
- ☐ Direct transfer from any healthcare facility outside Scotland
- ☐ In-patient in healthcare facility outside Scotland during the previous 12-months
- ☐ Holiday dialysis

One or more applies?

None applies

No further action required for CPE

- High risk of CPE must have:
- **Three sets** of screening specimens
 - At least one of the screening sets should **include a stool specimen**
 - Collected at least **48 hours apart** for example on day 1, day 3 and day 5

On admission or as Day 1, Day 3 and Day 5:
☐ Send a **rectal swab** (or stool) specimen to Microbiology Lab requesting a CPE Screen
plus
ADDITIONAL specimens are required in the set if a patient has:
☐ Urinary catheter - send **catheter urine** specimen
plus
☐ Wounds or lesions - send **wound/lesion** swab
Record when Day 3 and Day 5 screenings are due

POSITIVE =
• Inform IPCT and MDT
• Inform patient/NOK
• Continue CPE infection management and screening

NEGATIVE Day 1

Specimens Results (Day 1 & 3):
NEGATIVE:
• Continue to complete screening
• At least 1x Stool specimen sent for CPE?
• Management of high risk of CPE

Day 3 Screening:
☐ Record Day 1 results.
☐ Continue CPE screening.

NEGATIVE Day 3

POSITIVE =
• Inform IPCT and MDT
• Inform patient/NOK
• Continue CPE infection management and screening

Day 5 Screening:
☐ Record all results on patient progress notes.

POSITIVE =
• Inform IPCT and MDT
• Inform patient/NOK.
• **Continue CPE infection management.**

**All Day 1, 3 and 5 specimens (including at least 1x stool) results
for CPE are NEGATIVE.
No further action required for CPE.**

Follow SICPs

- Patient placement
- Hand hygiene
- Respiratory etiquette & cough hygiene
- Personal protective equipment (PPE)
- Patient care equipment
- Control of the environment
- Management of linen
- Management of blood and bodily fluid spillages
- Waste disposal
- Occupational exposure management

Reference:
(1) NHS Lothian, Infection Prevention and Control Gram Negative Resistant Bacteria Policy. [Available on the intranet].
(2) Carbapenemase Producing Enterobacteriaceae (CPE) Risk Assessment, Produced by NHS Lothian Infection Prevention and Control Team Version 4.2 |
Approved Date October 2017 | Review Date October 2019. [Available on the intranet]

CPE Screening:

On admission or **Day 1** Screening

DATE of **first** set of specimens sent: _____

Rectal Swab (or stool sample): _____

Catheter Specimen Urine: _____

Wound or lesion swab: _____

Day 3 screening due: _____

Day 5 screening due: _____

Recorded on Trak Significant Information: ☐

Day 3 Screening

DATE of **second** set of specimens sent: _____

Rectal Swab (or stool sample): _____

Catheter Specimen Urine: _____

Wound or lesion swab: _____

Updated Trak Significant Information: ☐

Day 5 Screening

DATE of **third** set of specimens sent: _____

Rectal Swab (or stool sample): _____

Catheter Specimen Urine: _____

Wound or lesion swab: _____

Updated Trak Significant Information: ☐

.....

CPE Screening Results:

Day 1

DATE: _____

Rectal Swab (or stool sample): _____

Catheter Specimen Urine: _____

Wound or lesion swab: _____

Day 3

DATE: _____

Rectal Swab (or stool sample): _____

Catheter Specimen Urine: _____

Wound or lesion swab: _____

Day 5

DATE: _____

Rectal Swab (or stool sample): _____

Catheter Specimen Urine: _____

Wound or lesion swab: _____

After all CPE screenings completed and resulted:

Delete or **Continue** Trak Significant Information about CPE.