Management of a Patient with Carbapenemase-Producing Enterobacteriaceae

As part of the routine admission procedure, assess all patients on admission for Carbapenemase-Producing Enterobacteriaceae via the HCAI risk assessment form on SystmOne

**No known risk:** screening not required. Only send routine clinical microbiological samples as clinically indicated

- **NO**
  - No further action

**Symptomatic patients with diarrhoea/or other infections is wound**
- Act promptly, inform IPC Team and clinicians immediately
- Isolate/maintain isolate precautions with on-suite / designated commode
- Strict standard precautions
- Inform patient
- Review clinical management including antibiotics and devices – are they needed?
- Use long sleeved disposable gowns as part of personal protective equipment

- **NO**
  - Patient should remain in isolation **until two further consecutive samples test negative** – samples being taken 48 hours apart (ie Day 0 [initial sample], day 2 and day 4)

- **YES**
  - Patient can be removed from isolation (unless another reason for continuing isolation). No further action

**Asymptomatic Patients**
- Strict standard precautions
- Single room with en-suite/commode
- Can come out for rehabilitation/meals
- Isolation precautions to recommence if symptoms return

- **NO**
  - All samples negative
    - **NO**
      - Previous Positive
        - Discuss with IPC Team
  - **YES**
    - **NO**
      - Previous Positive

**Results Positive**
- Act promptly and isolate patient (with en-suite). Apply strict standard precautions

**Results Negative**
- Patient can be removed from isolation (unless another reason for continuing isolation). No further action

Note: previously positive individuals with subsequent negative screen can revert to a positive state, especially after a course of antibiotics – careful risk assessment is required if removed from isolation

- **NO**
  - Inform GP/other community care providers on discharge/transfer

- **YES**
  - Discuss with IPC Team

- **NO**
  - No further action

- **YES**
  - Inform GP/other community care providers on discharge/transfer

- **NO**
  - No further action