

BOA Elective Standard

Providing a Continuous Safe Elective Orthopaedic Environment

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Background

A sufficient and stable bed base is essential for effective year round orthopaedic care. This optimises resource use by securing admission, preventing cancellation due to lack of capacity, co-locating key staff, optimising discharge and minimising adverse events, particularly implant infection, which can have catastrophic consequences.

Central to this concept is the physical separation of resources or 'ring-fencing', specifically of the bed-base, for the exclusive use of orthopaedic patients, undergoing clean procedures, to ensure safe and consistent practice even in the context of high activity in other hospital areas. Ring-fencing is of proven financial benefit in orthopaedic surgery and is also associated with improved outcomes, particularly related to reduction of implant infection rates.

This pathway should apply to all orthopaedic patients including, for example, those attending for day case surgery or fracture care who fulfil the inclusion criteria listed below. It is accepted that escalation policies may be necessary in periods of exceptional clinical activity which will impact on the provision of services for clean orthopaedic procedures.

Inclusions:

All patients undergoing orthopaedic procedures who have completed a screening and decolonisation process prior to admission.

Exclusions:

Planned cases with clinical evidence of infection or known colonisation.

Standards

- 1. All surgical providers should have a defined facility that exclusively accepts appropriate orthopaedic patients. This should be distinct from other clinical areas either within an acute site or at a separate geographic location.
- 2. Standard Operating Procedures (SOP) must be in place to:
 - a. Ensure that all appropriate orthopaedic patients have access to these facilities throughout the year.
 - b. Enable effective administration and regular audit of the ring-fenced pathway.
 - c. Ensure that individual rooms are available to accommodate all patients with infection including implant infections.
- 3. If this facility is situated in an acute clinical area, separation must be maintained by configuration of estate and resources to ensure that all components, including staff, are used exclusively for ring-fenced patient care.
- 4. Before breaking ring-fenced policy, immediate review of available capacity should be undertaken by the Duty Consultant Orthopaedic Surgeon and Duty Matron. The decision to breach should be sanctioned by the Duty Executive Officer.
- 5. If the ring-fenced capability is breached, all planned cases must be cancelled until the integrity of the facility is reestablished, whilst supporting the safe management of patients.

Definitions

Clean procedure: 'A procedure in which no inflammation is encountered, without a break in sterile technique, and during which the respiratory, alimentary and genitourinary tracts are not entered'.

Colonisation: 'the presence, growth and multiplication of micro-organisms without observable signs or symptoms of infection'. Decolonisation: 'the use of topical treatments, predominantly physical agents (soaps) to remove colonising organisms'.

Evidence Base

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- 11. The British Orthopaedic Association. Current BOA position regarding elective activity, waiting lists and restart. Available from: https://www.boa.ac.uk/resources/press-releases-and-statements/current-boa-position-regarding-elective-activity-waiting-lists-and-restart.html [Accessed 21st January 2021].