

Guideline: **Periprosthetic Joint Infection (PJI) Form**

Purpose

This guideline is designed to facilitate communication between the services regarding the patient specific management strategy

Scope of Use

This guideline is applicable to the Orthopaedic and Infectious Diseases services.

Guideline

How to complete the form - descriptions of the sections

Section 1: Contact details

Contact details for the lead clinicians involved in the patients care from both the orthopaedic and infectious diseases teams.

Section 2: Deep or Superficial infection

Teams are encouraged to indicate whether their clinical impression is of a deep infection (involving the prosthesis) or a superficial infection (no involvement of the prosthesis).

Section 3: Orthopaedics

This section encourages the caring orthopaedic team to indicate the current overall surgical management plan. It is NOT intended to reflect each successive operation. For example, if a patient undergoes a debridement and implant retention procedure with a view to a 2-stage exchange procedure then 2-stage should be circled.

Documentation of the plan facilitates communication however does NOT preclude a change of plan which can be dated and documented below the initial surgical plan.

Orthopaedic teams are encouraged to refer to the "Guidance Document for the Selection of Surgical Strategies in the Management of Prosthetic Joint Infections" document. This has been developed by a panel of orthopaedic, infectious diseases, microbiology & infection control specialists at CMDHB to provide a framework for surgical decision making. Like many other available surgical guidance algorithms, it encourages early consideration of the chances of cure based on literature based risk factors.

Section 3: Infectious Diseases

This section encourages the caring infectious diseases team to indicate which cultured organisms are causing deep, periprosthetic infection and the associated recommended antibiotic regimen. Newly recognised organisms are to be added with dates as they arise.

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Contaminating organisms should not be recorded on the form but may be commented on in the body of the notes.

Section 4: Comments

The comments section provides for critical information sharing between teams. For example, the orthopaedic team may express...

- Future timing for exchange arthroplasty staged procedures
- Concerns regarding adequacy of debridement
- Concerns regarding the operative risk of any future procedures

For example, the infectious diseases team may express...

- Contraindications to antibiotic use (e.g. rifampicin and warfarin)
- Information regarding the availability of adequate antibiotic regimens for cure

Associated Documents

Other documents relevant to this guideline are listed below:

NZ Legislation & Standards	None
CM Health Documents	Acute periprosthetic joint infection guideline Surgical strategies in the management of periprosthetic joint infections Periprosthetic joint infection sampling guideline
Other related documents	None

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Appendix 1: Copy of form

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Patient sticker

**Section One: Orthopaedics**

1	Primary Surgeon: _____ Contact no: _____		Senior Registrar: _____ Contact: _____	
2	The infection is (circle)		DEEP or SUPERFICIAL	
3	Date	Initial Surgical Plan No Surgery DAIR 1-stage 2-stage Arthrodesis Amputation Other (see comments)	Residual metalware? Yes No	Intended outcome? Cure Suppress
	Date	Revised Surgical Plan No Surgery DAIR 1-stage 2-stage Arthrodesis Amputation Other (see comments)	Residual metalware? Yes No	Intended outcome? Cure Suppress
	Date	Revised Surgical Plan No Surgery DAIR 1-stage 2-stage Arthrodesis Amputation Other (see comments)	Residual metalware? Yes No	Intended outcome? Cure Suppress
4	Comments			

Section Two: Infectious Diseases

1	Primary ID SMO: _____ Contact no: _____		Registrar: _____ Contact: _____	
2	The infection is (circle)		DEEP or SUPERFICIAL	
3	Date	Organisms causing deep infection	Recommended Antibiotics	

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4	Comments
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