



GIG
CYMRU
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WALES

Bwrdd Iechyd Prifysgol
Bae Abertawe
Swansea Bay University
Health Board

Cadeirydd/Chair: **Emma Woollett**
Prif Weithredwr/Chief Executive: **Mark Hackett**

gofalu am ein gilydd, cydweithio, gwella bob amser
caring for each other, working together, always improving

Rydym yn croesawu gohebiaeth yn y Gymraeg neu'r Saesneg. Atebir gohebiaeth Gymraeg yn y Gymraeg, ac ni fydd hyn yn arwain at oedi.
We welcome correspondence in Welsh or English. Welsh language correspondence will be replied to in Welsh, and this will not lead to a delay.

Cais Rhyddid Gwybodaeth / Freedom of Information request **Ein Cyf / Our Ref: 22-H-056**

You asked:

For information regarding medications used during the course of hip and knee replacement surgery.

Please see below the completed proforma. Please note there is quite a variation of medications used, based on multiple factors, therefore the proforma has been completed based on those medications that are used most frequently by the Health Board.

Pharmacological choices in Hip/Knee Arthroplasty

Thank you for taking time to complete this short proforma, the information you provide will help to build a full picture of the pharmacological choices made for patients undergoing joint replacement surgery.

ANALGESIA

1. What analgesic agents are offered per the trust's protocol/standard practice for joint replacement surgery (beyond simple analgesia like paracetamol/codeine)?

Please detail dosage and route of administration.

Preoperatively	Intraoperatively	Post-operatively
	Diclofenac 75mg IV Fentanyl approx. 100mcg IV Morphine titrated to effect as needed Intrathecal Diamorphine or Morphine titrated (Intrathecal)	Diclofenac PO upto 150mg per day Ibuprofen PO upto 1.2g per day Oral Morphine as needed Shortec as needed Longtec upto 10mg BD if depending on patient factors

ANTI-INFLAMMATORY

2. What Anti-inflammatory agents are offered per the trust's protocol/standard practice for joint replacement surgery (beyond simple agents like ibuprofen)?

Please detail dosage and route of administration.

Preoperatively	Intraoperatively	Post-operatively
	Diclofenac 75mg IV Parecoxib 40mg IV	Diclofenac PO upto 150mg per day

ANTIMICROBIAL AGENTS

3. What antibiotic/antimicrobial agents are offered per the trust's protocol/standard practice for joint replacement surgery?

Please detail dosage and route of administration.

Preoperatively	Intraoperatively	Post-operatively
	Cefuroxime 1.5g IV	Cefuroxime upto 1.5g IV 2post op doses

4. Does this differ between primary and revision joint replacement surgery?

Yes. Revision surgery varies depending on various factors (like existing infection etc)

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REGIONAL ANAESTHESIA

5. What regional anaesthetic agents are offered per the trust's protocol/standard practice for joint replacement surgery?

Please detail dosage and route of administration.

Preoperatively	Intraoperatively	Post-operatively
	Heavy bupivacaine (intrathecal dose based on patient factors) Heavy Prilocaine (intrathecal dose based on various factors) Laevobupivacaine (intrathecal, in nerve blocks) dose based on multiple factors Ropivacaine (nerve blocks)	Laevobupivacaine or Ropivacaine (nerve block catheters if needed based on various factors..not routine)

VTE PROPHYLAXIS

6. What VTE prophylaxis is offered per the trust's protocol/standard practice for joint replacement surgery?

Please detail dosage and route of administration.

Preoperatively	Intraoperatively	Post-operatively
	TED stockings Calf Pumps	TED stockings Calf Pumps Low Molecular Weight Heparin (tinzaparin or Enoxaparin SC) Aspirin 150mg OD

ENHANCED RECOVERY

7. Are any additional medications/supplements issued as part of an enhanced recovery protocol for joint replacement surgery?

Preoperatively	Intraoperatively	Post-operatively

DAY CASE JOINT REPLACEMENT

8. If day case joint replacement surgery is offered are there any differences to the standard joint replacement protocol you've described above?

Preoperatively	Intraoperatively	Post-operatively
No	No	No

THANK YOU