# REPORT BY DOCTOR MUNDY

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KIM/gnt/gosport

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CONFIDENTIAL

Detective Superintendent J James
Hampshire Constabulary
Major Incident Complex
Kingston Crescent
North End
PORTSMOUTH
PO2 8BU

Dear DS James

CONFIDENTIAL MEDICAL REPORT REGARDING MEDICAL MANAGEMENT OF PATIENTS AT GOSPORT WAR MEMORIAL HOSPITAL

Thank you for asking me to give a report on the management of four patients who died at Gosport War Memorial Hospital. I have based my personal opinion on my qualification as a specialist in geriatric medicine, my 13 years experience as a Consultant Geriatrician with several years experience working at the local hospice.

USE OF OPIOID ANALGESICS

Opioid analgesics are used to relieve moderate to severe pain and also can be used to relieve distressing breathlessness and cough. The use of pain killing drugs in palliative care (ie the active total care of patients whose disease is not responsive to curative treatment) is described in the British National Formulary which is the standard reference work circulated to all doctors in Great Britain. The guidance in the BNF suggests that non-opioid analgesics such as Aspirin or Paracetamol should be used as first line treatment and occasionally non-steroidal anti-inflammatory drugs may help in the control of bone secondaries. If these drugs are inadequate to control the pain of moderate severity then a weak opioid such as Codeine or Dextropropoxyphene should be used either alone or in combination with the simple pain killers in adequate dosage. If these weak opioid preparations are not controlling the pain Morphine is the most useful opioid analgesic and is normally given by mouth as an oral solution every 4 hours, starting with a dose between 5 mg and 20 mg, the aim being to choose the lowest dose which prevents pain. The dose should be adjusted with careful assessment of the pain and use of other drugs should also be considered. If the pain is not well controlled the dose should be increased in a step-wise fashion to control the pain.

Sometimes modified release preparations of Morphine are given twice daily once the required dose of Morphine is established, as this may be more convenient for the patient.

If the patient becomes unable to swallow the equivalent intra-muscular dose of Morphine is half the total 24 hour dose given orally. Diamorphine is preferred for injections over Morphine as it is more soluble and can be given in smaller volume, therefore with less distress to the patient.

Subcutaneous infusions of Diamorphine by syringe driver are standard practise if the patient requires repeated intra-muscular injections, to save the patient unnecessary distress. This is standard treatment in Hospices and other medications can be added to deal with anxiety, agitation and nausea as they can safely be mixed with Diamorphine (such as Haloperidol, Cyclizine and Midazolam). The other indications for use of the parenteral route are when the patient is unable to take medicines by mouth due to upper gastro-intestinal problems and occasionally if the patient does not wish to take regular medication by mouth.

The BNF has a table showing the equivalent doses of oral Morphine and parenteral Diamorphine for intramuscular injection or subcutaneous infusion as a guide to the dosage when switching from the oral to the injection route, eg 10 mg of oral Morphine 4 hourly is equivalent to 20 mg of Diamorphine by a subcutaneous infusion every 24 hours, and 100 mg oral Morphine 4 hourly is equivalent to 240 mg of Diamorphine subcutaneously every 24 hours.

SUMMARY

It is clear from the above that a doctor trying to control pain should first start the patient on a non-opioid analgesic, move on to a weak opioid analgesic if the pain is not controlled, consider changing the patient to regular oral Morphine if the pain remains poorly controlled and only start parenteral Diamorphine if the patient is unable (or unwilling) to take Morphine by mouth and would otherwise need regular painful injections of Diamorphine to try and control the pain. There is clear guidance on the dose of Morphine to use in a syringe driver when transferring from oral Morphine to the subcutaneous route. Finally the dose of Morphine or Diamorphine should be reviewed regularly and only increased if the symptom of pain is not adequately controlled.

CASE NOTE REVIEWS

1 ARTHUR CUNNINGHAM

Code A

Comments

Code A

2 ALICE WILKIE

Code A

3 ROBERT WILSON

Code A

# Code A



# Code A

# Code A

# Code A