

Regular drug	PRN breakthrough drug
Morphine products	
Morphine sulphate modified release (Zomorph) capsule (every 12 hours) 10mg, 30mg, 60mg, 100mg, 200mg	Morphine sulphate immediate release (Oramorph) oral liquid (every 4 hours as required) 10mg in 5ml, 100mg in 5ml Morphine sulphate immediate release (Sevredol) tablets (scored) (every 4 hours as required) 10mg, 20mg, 50mg
Morphine sulphate modified release (MST) tablet (every 12 hours) 5mg, 10mg, 15mg, 30mg, 100mg, 200mg	Oramorph oral liquid (every 4 hours as required) Sevredol tablets (every 4 hours as required)
MST sachets (every 12 hour) 20mg, 30mg, 60mg, 100mg, 200mg	Oramorph oral liquid (every 4 hours as required) Sevredol tablets (every 4 hours as required)
Oxycodone products	
Oxycodone modified release (Oxycontin) tablet (every 12 hour) 5mg, 10mg, 20mg, 40mg, 80mg Blue, white, pink, yellow, green	Oxycodone immediate release (OxyNorm) capsule 5mg, 10mg, 20mg (every 4 hours as required) Oxycodone immediate release (OxyNorm) oral liquid (every 4 hours as required) • 5mg in 5mL (250mL bottles) • 10mg in 1mL (120mL bottles)
Fentanyl products	
Fentanyl patch (change every 72 hours) 12, 25, 50, 75 & 100micrograms /hr	Oramorph oral liquid or OxyNorm oral liquid or capsule (every 4 hours) Fentanyl lozenges (Actiq) (every 1 to 2 hours) Alfentanil spray (need to get from Torbay Hospital) 2 to 6 puffs (every 1 to 2 hours) Bottle size 5mg in 5ml (Information leaflet available from pharmacy)

Morphesic SR (every 12 hour) 10mg, 30mg, 60mg, 100mg

Weak opiates	Usual maximum dose	Equivalent total oral Morphine /24 hours	Starting dose of long acting preparation
None			
Cocodamol 8/500	8 tablets	6mg	
Codydramol 10/500	8 tablets	8 to 10mg	
Cocodamol 30/500	8 capsules	25mg	Zomorph 10mg bd or MST 10mg bd
Dihydrocodeine	240mg	20mg	Zomorph 10mg bd or MST 10mg bd
Tramadol	400mg	40mg	Zomorph 20mg bd or MST 20mg bd

If patients are intolerant of morphine an alternative opiate needs to be considered

Morphine modified release	Oxycodone modified release (OxyContin)	Fentanyl patch
	Divide oral morphine dose by 2 (in mg)	Divide oral morphine dose (in mg) by 3 for patch size in micrograms/hour
Zomorph capsules 10mg bd MST tablets 10mg bd	Oxycontin tablets 5mg bd	Fentanyl 6 microgram/hour patch changed every 72 hrs (half a 12microgram patch)* *If cutting a fentanyl patch make sure it is a matrix patch. If unsure ask the pharmacist..
Zomorph 20mg bd or MST 20mg bd	Oxycontin tablets 10mg bd	12micrograms/hour
Zomorph 40mg bd or MST 40mg bd	Oxycontin tablets 20mg bd	25micrograms/hour

Prn doses

Calculated as being 1/6th of the total 24 hour opiate dose based on oral subcutaneous or patch use

Equivalent 24 hr morphine dose	Prn dose
Zomorph 30mg bd = 60mg morphine in 24hr	Oramorph 10mg prn
Fentanyl 12mcg/hour patch	Oramorph 5 to 10mg prn
Morphine injection 60mg sc/ 24hr	Morphine injection 10mg s/c prn

Converting from Oral to subcutaneous preparations

Oral	Subcutaneous
Zomorph capsule 30mg bd MST tablet 30mg bd (total oral morphine dose is 60mg/ 24hr)	Morphine Divide 24 hour oral morphine dose by 2 30mg subcutaneous morphine in 24 hours <i>Used in the hospital</i>
Zomorph capsule 30mg bd MST tablet 30mg bd (total oral morphine dose is 60mg/ 24hr)	Diamorphine Divide 24 hour oral morphine dose by 3 20mg subcutaneous morphine in 24 hours <i>Used in the community</i>
Oxycontin tablet 20mg bd (total oral oxycodone dose is 40mg/24hr)	Oxycodone (OxyNorm injection) Divide 24 hour oral oxycodone dose by 2 20mg subcutaneous OxyNorm injection in 24 hours

For further opiate conversion information please refer to

- Fentanyl guidance, palliative care analgesic dose conversion & other drug information on palliative care section of clinical handbook on CPD & available to download.
- Palliative care section www.yorkagainstcancer.org.uk where pdfs are available to download