

Chemotherapy protocol

Drug regimen

Paclitaxel

Indications for use

Metastatic breast cancer

Regimen

Premedication (30 mins pre chemotherapy)

| | |
|---------------------|-----------------------------|
| Chlorphenamine 10mg | I.V bolus |
| Ranitidine 50mg | 50mls 0.9% sodium chloride |
| Dexamethasone 20mg | 100mls 0.9% sodium chloride |

Chemotherapy regimen

Paclitaxel 175mg/m² in 500mls 0.9% sodium chloride over 3 hours

Cycle should be repeated every 3 weeks for 6 cycles

Investigation prior to initiating treatment

FBC
LFTs

Cautions

Neuropathy

Investigations and consultations prior to each cycle

FBC and U&E
LFTs

The liver function test may be retrospectively looked at (i.e. after the chemotherapy treatment) **unless** they are known to be abnormal then they need to be repeated the day before so that the results are available pre-chemotherapy

Consultation needed prior to each cycle

Acceptable limits for treatment to proceed(if outside these delay one week or contact consultant)

Delay treatment 1 week or until platelets ≥ 100 and neutrophils ≥ 1.5
If Neutrophils 1.2 – 1.5 contact **consultant**

Side effects

Hypersensitivity reactions
Myalgia
Neuropathy
Alopecia
Nausea and vomiting
Bone marrow suppression

Dose Modification Criteria

20% reduction in the event of neutropenia

Specific Information on Administration

Give pre-medication 30 minutes prior to commencing paclitaxel

Important – Use non PVC IV giving set with paclitaxel

THIS PROTOCOL HAS BEEN DIRECTED BY DR YOUNG, CLINICIAN FOR BREAST CANCER

RESPONSIBILITY FOR THIS PROTOCOL LIES WITH THE HEAD OF SERVICE

DATE July 2017

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VERSION 10