

Chemotherapy protocol

Drug regimen

Docetaxel

Indications for use

Non Small Lung Cancer – 2nd line

Advanced Oesophagogastric Cancer – 2nd line

Regimen

DRUG	FLUID	TIME
Docetaxel 75mg/m ²	250ml 0.9% sodium chloride	1 hour

Regimen to be given every 3 weeks for 3-6 cycles at clinician's discretion

Investigations prior to initiating treatment

FBC

U&Es

LFTs

CXR or CT Thorax/upper abdomen as baseline to assess response

Cautions

Ensure bilirubin is within normal limits

AST/ALT <2.5 x ULN

Investigations and consultations prior to each cycle

FBC

U&Es

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

CXR to assess response (may be omitted prior to cycle 2)

Consultation prior to each cycle

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

Neutrophils ≥ 1.5 and Platelets ≥ 100

If neutrophils 1.0 – 1.5 contact **consultant**

Delay if Neutrophils <1.0 OR platelets < 100

Side Effects

Immediate – mild skin reactions, phlebitis, allergic reactions, hypotension, bronchospasm, flushing, rash, chest tightness, dyspnoea

Short term – nausea and vomiting, fluid retention, peripheral oedema, diarrhoea, stomatitis, rash

Long term – bone marrow depression, alopecia, myalgia, sensory neuropathy

Dose Modification Criteria

Consider dose reduction by 20% if dose delay for Myelosuppression or any grade 2+ toxicity

Specific Information on Administration

Patients must be prescribed a pre-medication of dexamethasone 8mg BD PO to be started 24 hours before treatment and continued for a total of 72 hours to reduce the incidence of allergic reaction

This protocol has been reviewed by the Lancashire & South Cumbria Lung Oncology Consultants' Group and responsibility for the template lies with the Head of Service.

Date: March 2017

Next review: March 2019