

BUSULFAN

INDICATION: Essential thrombocytopenia

Prior to a course of treatment

- Check FBC, U&Es, creat, LFTs
- Discuss the need for contraception with both male and female patients. Discuss risk of infertility - offer semen cryopreservation to male patients
- Written consent for course

Prior to each prescription

- Medical review of fitness for chemotherapy – exclude active infection, major changes in organ function
- Check FBC

Busulphan 2 - 4mg* od PO for 4 weeks

Intervals between cycles and duration of course according to response and toxicity

* available as 2mg tablets

Prophylaxis for acute & delayed emesis None

Other medications None

Dose modifications for haematological toxicity

- Dose adjusted according to response and haematological toxicity

Dose modification for renal failure

- Limited information – clinical decision

Dose modification for liver dysfunction

- Limited information – clinical decision

Busulphan toxicities

Neutropenic sepsis & thrombocytopenia

Anaemia

Hyperpigmentation

Pulmonary fibrosis

Secondary malignancies (late)

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