Oral Cryotherapy For High Dose Chemotherapy

**Description**

D18.050, oral, cryotherapy, melphalan, chemotherapy

**Policy Number**

D18.050

**Purpose**

Administration of oral cryotherapy to prevent severe mucositis in patients receiving high dose chemotherapy infusions.

**Equipment**

- Ice Chips
- Ice Water

**Policy**

Oral cryotherapy will be administered to all patients receiving high dose Melphalan (>140mg/m2) and Busulfan.

**Procedure**
A. Melphalan - The patient will put ice chips and/or ice cold water in their mouths 15 minutes before, during and 30 minutes after the Melphalan infusion (total of 60 minutes).

B. Daily Busulfan - The patient will put ice chips and/or ice cold water in their mouths 90 minutes after the infusion is initiated and for 30 minutes after the infusion completes (total of 120 minutes).

C. Q6 Hour Busulfan - The patient will put ice chips and/or ice water in their mouths one hour after the initiation of Busulfan and continue for one hour after the infusion completes (total of 120 minutes).

D. The patient should continuously swirl ice chips around their mouth.

E. Patients should swallow ice cold water every 10-20 minutes throughout the period of oral cryotherapy.

F. Popsicles can be used during cryotherapy.

Reference Details


Issuing Authority

FMLH Professional Practice Council

Distribution

Froedtert Memorial Lutheran Hospital

Reference Type

Evidence Based Practice

category

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