Budesonide

- inhaled glucocorticosteroid
- anti-inflammatory – inhibits inflammatory cells and release of inflammatory mediators
- less systemic effect ? due to first pass metabolism and short half-life

Indications:

- treatment of BPD

Dose:

- 250-500 mcg q6h by nebulizer only
- dilute in 2 ml normal saline

Side Effects:

- thrush
- adrenal suppression

Special Considerations:

- may need to continue Nystatin prophylaxis to prevent thrush
- only available for nebulization once extubated
- not compatible with ventilators

This document is intended for use in the McMaster Children's Hospital (MCH) Neonatal Nurseries only and may not be applicable elsewhere. Due to the specialized nature of the Neonatal Nurseries environment and the patient population, some of the drugs, indications, doses and monitoring requirements may be different in individual situations. While this document is intended to reflect the practice in the MCH Neonatal Nurseries at the time of writing, new information may become available. Every attempt has been made to ensure accuracy but these recommendations should be used with caution and with good clinical judgment.