

Pharmacy Solutions Inc.

Monthly Compounding Newsletter

August 2007 Issue



Non-steroidal Anti-Inflammatory Agents in a Topical PLO Gel

Joylyn Moore
Doctor of Pharmacy,
Compounding
Specialist

It is well documented that non-steroidal anti-inflammatory agents (NSAIDs) have a side effect profile that includes stomach upset and gastrointestinal bleeding with oral therapy. In some cases, to avoid this, topical NSAID therapy has been used. One form of topical therapy is a PLO (pluronic lechithin organogel) delivery vehicle. The mostly commonly prescribed NSAID PLO from our pharmacy is ketoprofen 10% PLO gel. Ketoprofen can also be combined with other medications such as gabapentin, Lidocaine, loperamide, and many more for patient treatment. Each preparation is individualized to the patients needs. Skin irritation is a side effect that we educate patients to monitor for when we dispense a PLO preparation. If you have questions regarding formulations or options in topical PLO therapy, please feel free to contact Pharmacy Solutions at (902) 553-1225.

Compounding as a Solution

Sometimes in practice, your patients have specific needs that cannot be met by commercially available products. If you need

assistance in formulating a dosage form for an individual patient feel free to contact us. Examples of issues that we have worked with physicians to resolve include:

- Dye allergies – we can help formulate a product that is dye-free
- Gluten-sensitivities – it is possible to formulate a product to help avoid gluten and its relatives
- When oral medication isn't appropriate – we have worked with hospice in the past to provide medications to those who cannot have oral medications by either preparing a topical or rectal dosage form
- A suspension is needed - particularly for pediatrics, patients with g-tubes, or other tablet swallowing limitation, we can help formulate an appropriate liquid form in many instances

Know that Pharmacy Solutions is available to help resolve your patient medication issues.

For questions or additional information on topics covered in this newsletter, please contact:

Pharmacy Solutions, Inc.
1516 Washington Street
Two Rivers, WI 54241
Phone: 920-553-1225
Fax: 920-794-7091