Clinical Intervention Recording Service

Schedule:
Proton-pump inhibitor step-down therapy
Period active: 01 July 2011 – 30 September 2011

Qualification Criteria
- The patient is dispensed the following PBS items:
  - Pantoprazole Sodium Sesquihydrate (equivalent to Pantoprazole 40mg)
  - Esomeprazole Magnesium Trihydrate 40mg
- The MirixaFind™ GuildCare software will prompt the pharmacist at the point of dispense that there may be a possible clinical intervention. Pharmacists must use professional judgement based on patient discussion and dispensary records as to whether a Clinical Intervention leading to step-down therapy is appropriate.

Clinical Rational
After 4-8 weeks of Proton Pump Inhibitor (PPI) therapy for Gastro Oesophageal Reflux Disease (GORD), it is recommended that patients are stepped-down to the lowest PPI dose and frequency effective for them.\(^1\)

Identification of these patients in view of performing a clinical intervention may not be at the forefront of the pharmacists mind during medication dispensing. As such, the GuildCare software will prompt for patients who are at possible risk of non-optimal PPI therapy as per the above Qualification Criteria.

Comments
Pharmacists are advised to read the NPS PPR 45: Proton Pump Inhibitors: step-down to symptom control as well as the PROMISe III study.

Before attempting to complete a Clinical Intervention it is recommended that the PSA Standard and Guidelines for pharmacists performing clinical interventions is read.

For an example of a completed Clinical Intervention please see pages 2-4.

Useful Resources

<table>
<thead>
<tr>
<th>Title</th>
<th>Author/Source</th>
<th>Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>Documenting Clinical Interventions in Community Pharmacy: PROMISe III</td>
<td>Australian Government Department of Health and Ageing/Pharmacy Guild of Australia</td>
<td><a href="#">Click here</a></td>
</tr>
<tr>
<td>Australian Medicines Handbook</td>
<td>Gastrointestinal Drugs</td>
<td></td>
</tr>
<tr>
<td>Therapeutic Guidelines</td>
<td>Gastrointestinal Version 5 2011</td>
<td></td>
</tr>
</tbody>
</table>
Example of a PPI Step-down therapy Clinical Intervention

Clinical Intervention: Case #2882

Instructions
Step 1. Conduct intervention with patient.
Step 2. Update Form on-screen (if required)
Step 3. Ensure the mandatory information is entered
Step 4. Click 'Save' to record volume and/or 'Status'
Note: The record can be Saved, Edited or Printed any anytime

Prepared for
Name: Aiden Lalar
Address: 44 Wilson Street, GLENLOTH, VIC, 3827
Contact #: 0352437564
Email: AidenLalar@example.com
Date/Time: 04-07-2011 03:04 PM
Age Range: 35 to 45 years
Gender: Male

Medicines profile
<table>
<thead>
<tr>
<th>Selected</th>
<th>Original</th>
<th>Medicine</th>
<th>Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2699098751992</td>
<td>Nexium</td>
<td>Take as directed</td>
</tr>
</tbody>
</table>

Relevant Conditions and Notes
Relevant medical conditions: None
Notes about clinical intervention: Patient commenced on Proton Pump Inhibitor therapy over 8 weeks ago in March 2011: Nexium 40mg. Discussions with the patient shows they are asymptomatic. There are no

Drug Related Problem
Select the Intervention Category and Classification

Intervention Category
- Drug selection
- Over or underdose
- Compliance
- Undetermined
- Toxicity or adverse reaction

Intervention Classification
- 01 Prescribed dose too high
- 02 Prescribed dose too low
- 03 Incorrect or unclear dosing instructions
- 00 Other dose problem
### GuildCare Clinical Intervention Recording Service PPI step-down therapy Schedule

**Version 1.0**

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**Select Recommendations**

<table>
<thead>
<tr>
<th>Selected</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>R7 Prescription not dispensed</td>
</tr>
<tr>
<td></td>
<td>R8 Other changes to therapy</td>
</tr>
<tr>
<td></td>
<td>R9 Refer to prescriber</td>
</tr>
<tr>
<td></td>
<td>R10 Refer to hospital</td>
</tr>
<tr>
<td></td>
<td>R11 Refer for medication review</td>
</tr>
<tr>
<td></td>
<td>R12 Other referral required</td>
</tr>
<tr>
<td></td>
<td>R13 Education or counselling session</td>
</tr>
<tr>
<td></td>
<td>R14 Written summary of medications</td>
</tr>
<tr>
<td></td>
<td>R15 Commence dose administration aid</td>
</tr>
<tr>
<td></td>
<td>R16 Other written information</td>
</tr>
<tr>
<td></td>
<td>R17 Monitoring: Non-laboratory</td>
</tr>
<tr>
<td></td>
<td>R18 Monitoring: Laboratory test</td>
</tr>
<tr>
<td></td>
<td>R19 No recommendation necessary</td>
</tr>
</tbody>
</table>

**Follow up and Outcomes**

Follow up date: 4/06/2011

Result:

(anticipated / actual)

Change of therapy to Nexium 20mg, 1 daily.

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**Pharmacist Recommendation**

- Pharmacy Follow up
- Medical Adherence Program
- Dose Administration Aid/Weekly Medicines Pack
- Home Medicines Review
- Weight Recording Service

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**Comments / Actions**

Patient to make appointment with their prescribing practitioner.

Pharmacist name: Aaron D'Souza
Example of a PPI Step-down therapy Clinical Intervention Print out

Prepared for

Name: Aiden Lalor
Address: 44 Wilson Street, GLENLOTH, VIC, 3527
Contact #: 0353437564
Age Range: Male
Date: 04/07/2011

Associated Medicines Profile

<table>
<thead>
<tr>
<th>Selected</th>
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<th>Medicine</th>
<th>Directions</th>
<th>Prescriber</th>
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</thead>
<tbody>
<tr>
<td>✓</td>
<td>269097501992</td>
<td>Nexium</td>
<td>Take as directed</td>
<td>A. Tom [9948865]</td>
</tr>
</tbody>
</table>

Detailed Intervention Classification / Recommended Action

Notes about clinical intervention:
Patient commenced on Proton Pump Inhibitor therapy over 8 weeks ago in March 2011: Nexium 40mg. Discussions with the patient shows they are asymptomatic. There are no known contraindications to lowering the dose.

Intervention Category: Over or underdose
Intervention Classification: Q1 Prescribed dose too high

Notes about the recommendation:
Discussed benefits of reducing dose to Nexium 20mg in consultation with prescribing practitioner. Provided Proton-pump inhibitor step-down therapy handout.

Recommendation/s:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>✓</td>
<td>R2 Dose decrease</td>
</tr>
<tr>
<td>✓</td>
<td>R9 Refer to prescriber</td>
</tr>
<tr>
<td>✓</td>
<td>R13 Education or counselling session</td>
</tr>
</tbody>
</table>

Conditions and Allergies

Relevant medical conditions: None

Follow up / Outcome

Follow up Date: 04/08/2011
Result (anticipated or actual): Change of therapy to Nexium 20mg, 1 daily.

Pharmacist Recommendation

- Pharmacy Follow up
- Health Professional Referral
- Report to be sent to GP: Patient consented
- Blood Pressure Recording Service

Comments / Actions:
Patient to make appointment with their prescribing practitioner.

Pharmacist name: Aaron D'Souza
Signature: