Medication Reconciliation On Admission

Lions Gate Hospital

May 15, 2012

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Medication Safety Pharmacist - Coastal

Medication Reconciliation
It's about the conversation.

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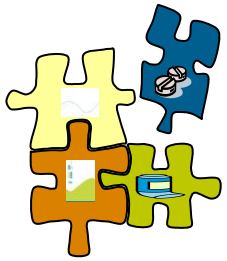
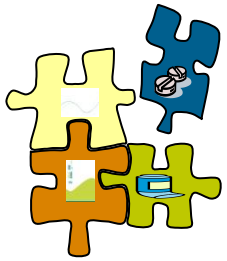
Medication Reconciliation



- **Working Definition:**

  …a *formal, systematic process* in which health care professionals *partner with patients* to ensure accurate and complete medication information transfer at interfaces of care.

Why Reconcile?



- Over half of medication errors occur at the interfaces of care

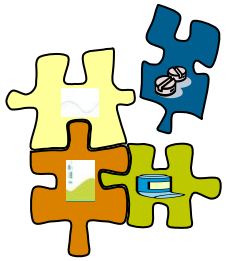
Rozich JD, Reser RK. Medication Safety: One Organization's Approach to the Challenge. J Clin Outcomes Manage. 2001;8(10): 27-34

- Approximately 50% of patients experience at least one unintentional medication discrepancy

- 33% of unintentional medication discrepancies have the potential to cause moderate to severe harm

Cornish P. et al. Arch Internal Medicine. 2005;165;424-429

Medication Reconciliation … is front and centre



- VCH Strategic Objective 1.3 – To provide the best quality of care

  "Build a regional medication reconciliation system across the continuum"

- Accreditation Canada Required Organizational Practice (ROP).

  "The organization reconciles clients' medications at admission and discharge, transfer, or end of service."

- One of nine Clinical Guideline Initiatives announced by the Ministry of Health in 2010.

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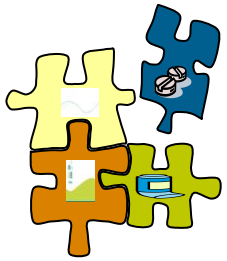
Medication Reconciliation Goals



- *Prevent* **Unintentional** Discrepancies

  Errors that can cause patients harm and result in longer hospital stays

- *Document* **Intentional** Discrepancies

  Discrepancies that cause staff to contact the physician for clarification

PharmaNet Limitations

- Record of prescriptions dispensed only
- Does not include:
  - Updated administration instructions
  - Prescription medication samples
  - Investigational or clinical drug trials
  - Provincial medication programs (i.e. antiretroviral)
  - Prescriptions obtained outside of BC
  - OTCs, herbal products
- Fraudulent use
- Reflect current use of prescription medications *less than 30% of the time*

Shalansky, S et al: Accuracy of a Prescription Claims Database for Medication Reconciliation for Outpatients with Heart Failure. Can J Hosp Pharm 2007;60(3):169-176

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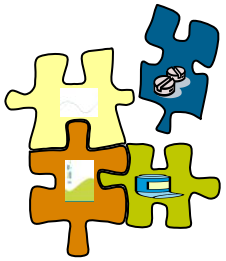
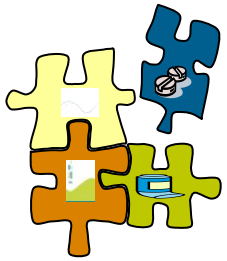
Current State



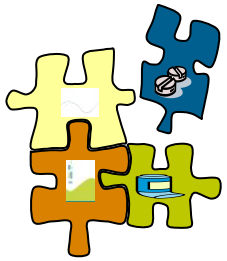
- Multiple individuals from different disciplines take medication histories and document them in different locations in the clinical record
- Medication orders are written by the physician on a separate form
- Discrepancies occur without any effective way of identifying or resolving them

Goal- Future State



- Utilize standardized tools and resources
- Transparent process
  - Apparent to all subsequent caregivers
- Documentation of Best Possible Medication History (BPMH) in single location

Medication Reconciliation



Pilot Studies across VCH have demonstrated a

reduction of discrepancies by at least 75% in targeted areas

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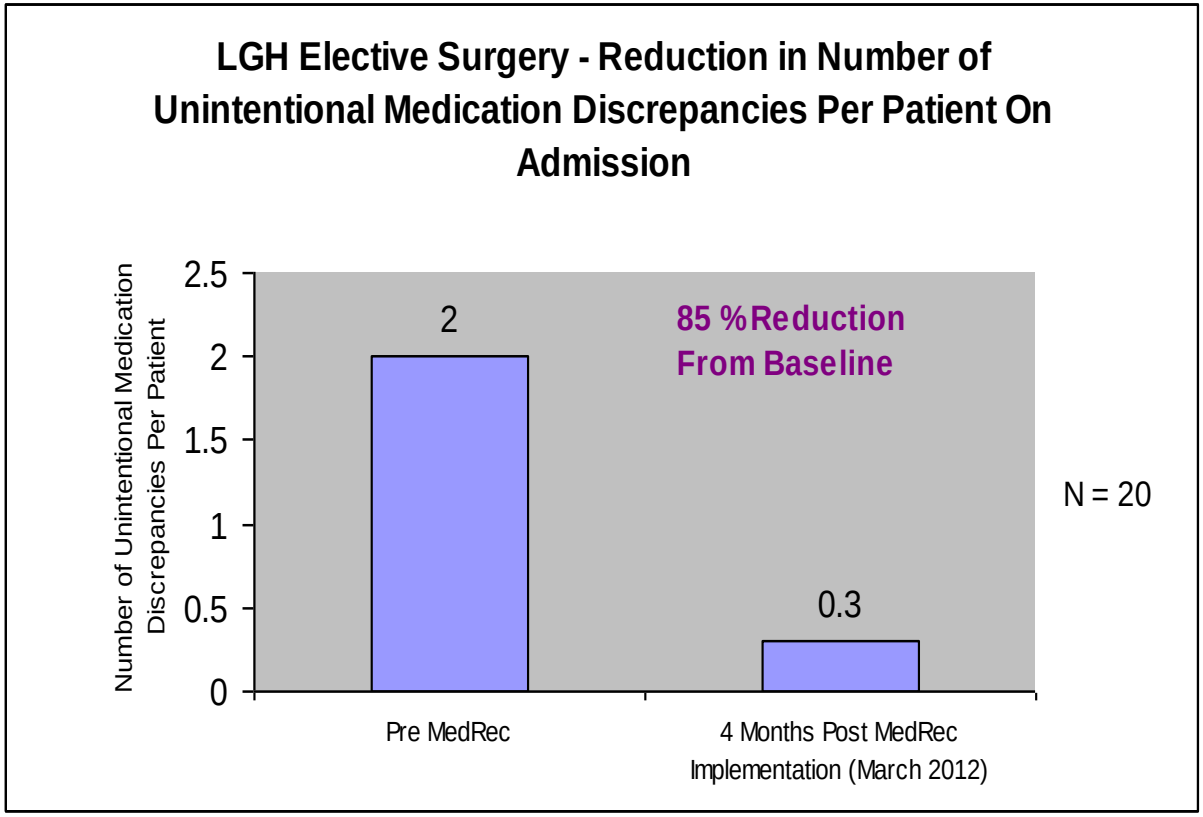
Recent LGH Elective Surgery Results –

85% Reduction in Unintentional Discrepancy



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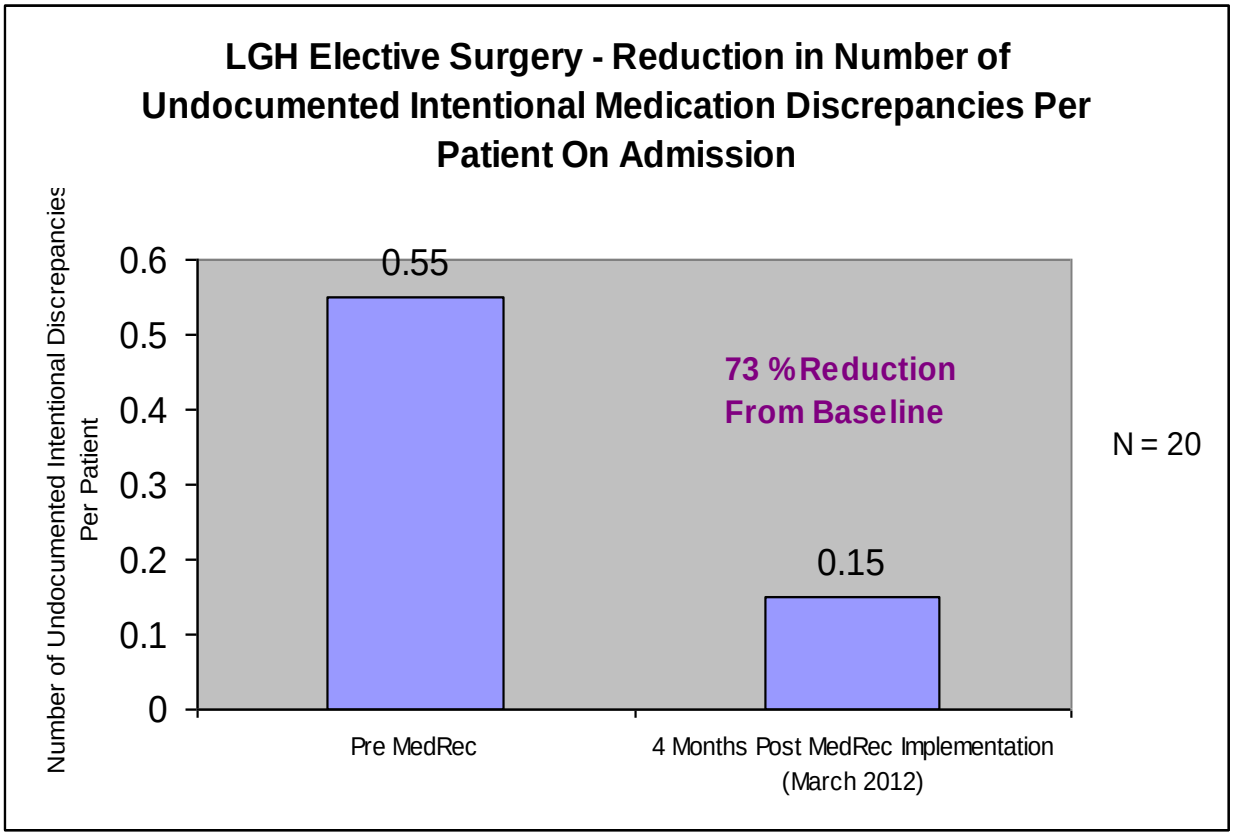
Elective Surgery Results….

73% Reduction in Undocumented Intentional Discrepancies



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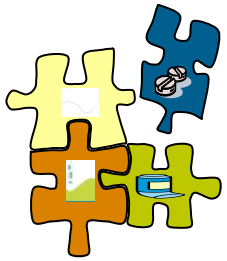
Medication Reconciliation



- Three step process:
  - Collection
  - Clarification
  - Reconciliation

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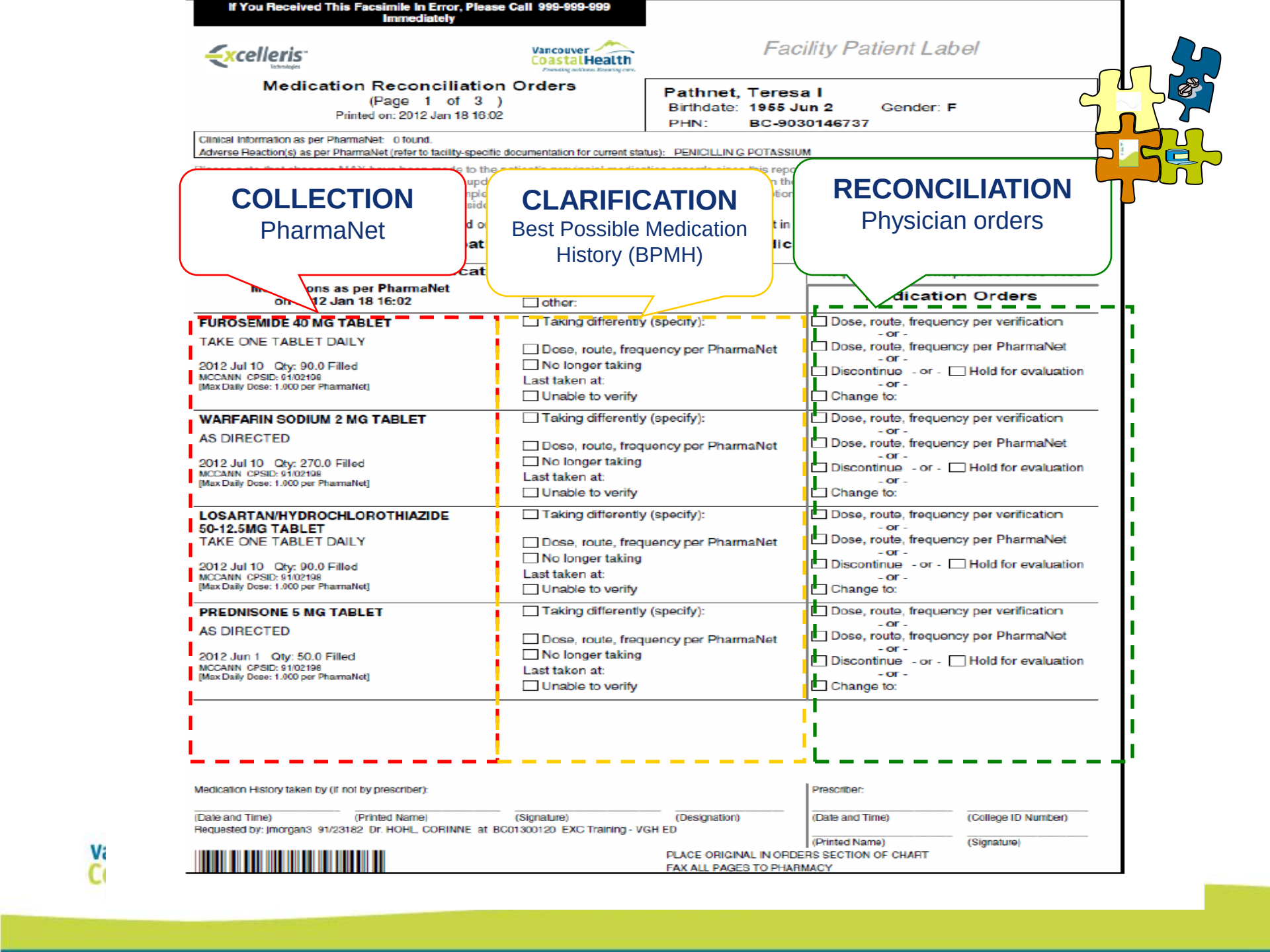
If You Received This Facsimile In Error, Please Call 999-999-999 Immediately
excelleris
Vancouver CoastalHealth
Facility Patient Label
Medication Reconciliation Orders
(Page 1 of 3)
Printed on: 2012 Jan 18 16:02
Pathnet, Teresa I
Birthdate: 1955 Jun 2 Gender: F
PHN: BC-9030146737
Clinical Information as per PharmaNet: 0 found.
Adverse Reaction(s) as per PharmaNet (refer to facility-specific documentation for current status): PENICILLIN G POTASSIUM
COLLECTION
PharmaNet
CLARIFICATION
Best Possible Medication History (BPMH)
RECONCILIATION
Physician orders
FUROSEMIDE 40 MG TABLET
TAKE ONE TABLET DAILY
2012 Jul 10 Qty: 90.0 Filled
MCCANN CPSID: 91/02198
[Max Daily Dose: 1.000 per PharmaNet]
WARFARIN SODIUM 2 MG TABLET
AS DIRECTED
2012 Jul 10 Qty: 270.0 Filled
MCCANN CPSID: 91/02198
[Max Daily Dose: 1.000 per PharmaNet]
LOSARTAN/HYDROCHLOROTHIAZIDE 50-12.5MG TABLET
TAKE ONE TABLET DAILY
2012 Jul 10 Qty: 90.0 Filled
MCCANN CPSID: 91/02198
[Max Daily Dose: 1.000 per PharmaNet]
PREDNISONE 5 MG TABLET
AS DIRECTED
2012 Jun 1 Qty: 50.0 Filled
MCCANN CPSID: 91/02198
[Max Daily Dose: 1.000 per PharmaNet]
other:
Taking differently (specify):
Dose, route, frequency per PharmaNet
No longer taking
Last taken at:
Unable to verify
Dose, route, frequency per verification
- or -
Discontinue - or - Hold for evaluation
Change to:
Medication History taken by (if not by prescriber):
(Date and Time) (Printed Name) (Signature) (Designation)
Requested by: jmorgan3 91/23182 Dr. HOHL, CORINNE at BC01300120 EXC Training - VGH ED
Prescriber:
(Date and Time) (College ID Number)
(Printed Name) (Signature)
PLACE ORIGINAL IN ORDERS SECTION OF CHART
FAX ALL PAGES TO PHARMACY

Questions?

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