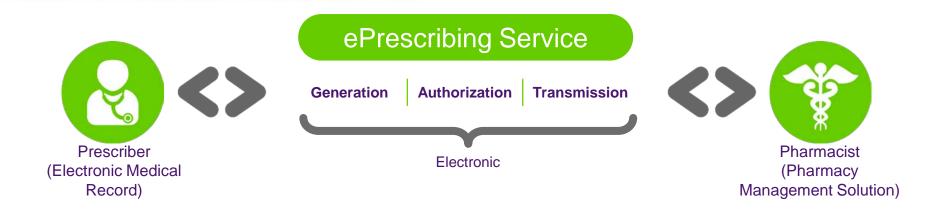
Beyond aspiration: Why ePrescribing in Canada needs a kick-start



What is ePrescribing?



- ePrescribing is the, electronic generation, authorization, and transmission of dispensing directions for a drug from a prescriber to a patient's preferred pharmacy at the time of prescribing.
- ePrescribing does not include prescriptions that are digitally generated, but then printed by physicians to be manually delivered to pharmacists by patients.

Confidential



Medication management remains a major health challenge

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at are associated with nonadherence

31% of prescriptions are never filled

51% of medication-related hospital admissions are due to non-adherence

50% of seniors fail to receive beneficial medications

Sources:

Tamblyn R, Eguale T, Huang A, Winslade N, Doran P. The Incidence and Determinants of Primary Nonadherence With Prescribed Medication in Primary Care: A Cohort Study. Ann Intern Med. 2014;160:441-450. doi:10.7326/M13-1705 Brown MT, Bussell JK, Medication Adherence: WHO Cares? Mayo Clinic Proceedings, 2011;86(4);304-314, doi:10.4065/mcp.2010.0575.

Mulhem E, Lick D, Varughese J, Barton E, Ripley T, Haveman J. Adherence to Medications after Hospital Discharge in the Elderly. International Journal of Family Medicine. 2013;2013:901845. doi:10.1155/2013/901845. Higashi, T., Shekelle, P. G., Solomon, D. H., Knight, E. L., Roth, C., Chang, J. T., ... & Reuben, D. B. (2004). The quality of pharmacologic care for vulnerable older patients. Annals of Internal Medicine, 140(9), 714-720.



ePrescribing offers significant clinical, productivity and cost savings benefits



Patient

R

Prescriber

- Improve medication adherence
- Reduce wait times at the pharmacy
- Eliminate unnecessary back and forth with the physician

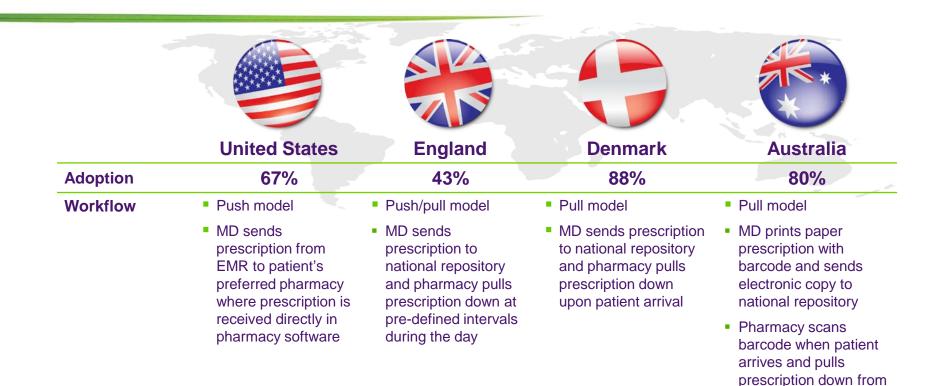
- Improve quality of care
- Reduce follow up visits
- Reduce resource-intensive phone / FAX communication



Increase first-fill

- Reduce errors and time spent keypunching prescriptions
- Improve quality of Prescriber/ Pharmacist interactions
- Smooth workload

ePrescribing is reaching critical mass around the world



national repository

The value of ePrescribing is clear but Canada has been slow to adopt

"Health Canada has decided that legislative and regulatory amendments are not necessary... A major impediment to e-prescribing has been removed"

Federal law no longer a roadblock to e-prescribing. Canadian Pharmacists Journal. July/August 2007.



2007

ePrescribing is expected to "**improve patient safety and quality of care** by reducing prescription errors"

eHealth Ontario Press Release: Canada's First ePrescribing Program Launches in Ontario. May 12, 2009.

2011

"Efforts to ensure doctors can transfer prescriptions to pharmacists electronically are long overdue"

Value of e-prescribing questioned. Canadian Medical Association Journal October 4, 2011

2012

"The CMA and the CPhA have identified e-prescribing as a key tool to deliver better value to patients... By 2015, e-prescribing will be the means by which prescriptions are generated for Canadians"

Canadian Medical Association and Canada Pharmacists Association: e-Prescribing Joint Statement December 2012.



Crossing the ePrescribing Chasm Kick-starting adoption across Canada

- 1. Address the perspectives of major stakeholders
- 2. Add ePrescribing into existing Pointof-Service systems
- 3. Pursue ePrescribing and DIS concurrently
- 4. Tackle regionally





Think big; start small

1. Achieve critical mass regionally Make ePrescribing relevant

2. Leverage competitive pressures Ignite an ePrescribing "Arms Race"

3. Test full workflows

Go "Narrow but Deep" instead of "Wide and Shallow"

4. Link communities

Expand ePrescribing and DIS region by region

5. Involve insurers

Provide value and reduce barriers to participants



Ready, set, go! There's nothing holding us back

- ePrescribing can bring significant patient safety, adherence improvements, and productivity benefits
- The technology exists today and can meet regulatory requirements
- Practitioners want the capability to ePrescribe.

Conditions are ripe and by taking a regional approach, Canada can truly begin to kick-start progress.

Questions