

## NEW e-PRESCRIBING MODULE!

### FACT SHEET: Safe and Effective e-Prescribing across the Healthcare System

Designed for use in pharmacy, pharmacy technician, medical, nurse practitioner and dental programs, this peer-reviewed module is intended to prepare students to use e-prescribing systems safely and collaboratively. This is very timely given the impact of the COVID-19 pandemic on providing virtual patient care and the need for online resources.

See sample units:

[2: Current State - Prescribing](#)

[7: Clinical Communication](#)

**e-Learning for Healthcare Professional Students**

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### Safe and Effective e-Prescribing across the Healthcare System

Welcome to Safe and Effective e-Prescribing across the Health System for Healthcare Students!

In this module, we'll explore the many dimensions of e-prescribing across the healthcare system, with the goal of learning how to use e-prescribing systems safely and effectively.

**Unit 1: Introduction to e-Prescribing and Medication Management (9-12 minutes)**

**Unit 2: Current State: Prescribing (9-12 minutes)**

### e-Prescribing in Canada

In 2020 there will be approximately 750 million prescriptions dispensed. Many are handwritten or faxed/phoned to community pharmacies. From both patient and healthcare providers' perspectives, this prescribing process is inefficient, prone to errors and subject to manipulation.

e-Prescribing is the secure electronic creation and transmission of a prescription between a prescriber's electronic medical record (EMR) and a pharmacy's computerized record system. PrescribeIT<sup>®</sup> is a national e-prescribing service, led by Canada Health Infoway, that connects community-based prescribers to pharmacies, enabling the digital transmission of prescriptions and e-communications.

### Sue's Assessment and Care Plan

Click on the 4 numbers on the image below to see more.

Sue sees Dr. North, her primary care physician, who orders massage, physiotherapy and a prescription for Naprosyn (naproxen) EC 375 mg twice daily for 14 days.

<b>Rx</b>	Dr. Nancy North Core Care Clinic 123 Core Lane Any Town, Any Province Phone: 888-443-4344 Fax: 888-435-3433
Susan Sanders 2 Lakeside Dr Any Town, Any Province 888-124-3212	July 20, 2020
Naproxen EC 375 mg PO BID for 14 days	
Quantity: 28	
No refills	
Signature: <u>N. North</u>	Dr. Nancy North #2253

### e-Prescribing Module

The Association of Faculties of Pharmacy of Canada (AFPC), with funding from Infoway, has created an online, peer-reviewed, competency-based, educational resource called [e-Learning for Healthcare Professional Students](#). This new interprofessional module on e-prescribing is free to access on AFPC's Moodle learning management system. Students and faculty simply register with a username and password.

### 12 e-Prescribing Units:

1. Introduction to e-Prescribing and Medication Management
2. Current State: Prescribing
3. Emerging State: e-Prescribing
4. Current State: Transcribing and Dispensing
5. Emerging State: Prescription Status
6. Refill Requests and e Renewals
7. Clinical Communication
8. Prescription Cancel
9. Pharmacists as Prescribers
10. Privacy & Security
11. e-Prescribing Insights
12. Integration and Conclusion

**Module is open access on AFPC's LMS:**

<http://eLearnHCP.ca>

(under "Interprofessional Modules")

## Key Features and Learning Approach

- ✓ Individualized e-learning through a series of 12 units with interactive activities.
- ✓ Practical cases examine patients moving through the healthcare system, with care provided by different healthcare professionals.
- ✓ Cases move from the “current state” to “ideal functionality” in e-prescribing systems.
- ✓ Learning activities include review questions, videos and terminology challenges.
- ✓ Interprofessional collaboration and communication is emphasized.
- ✓ Ideal for use in courses where practice skills, therapeutics, medication management and/or patient safety are taught.
- ✓ The focus is on the community setting; however the skills and knowledge are transferable to other settings.
- ✓ Patient choice and engagement are modelled.
- ✓ A certificate of completion is generated, which the student can upload to your school’s LMS.
- ✓ Based on user testing, it will require 1.5 to 2 hours for students to complete the module, depending on year of study and experience.

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# Unit 3: Emerging State: e-Prescribing

100% COMPLETE

- ☰ Introduction (Cases 1, 2, 3) ✓
- ☰ Prescriptions in a Digital World ✓
- ☰ e-Prescribing ✓
- ☰ Creating and Transmitting e-Prescriptions ✓
- ☰ Guidelines for Electronic Prescribing ✓
- ☰ Revisiting Cases 1, 2, 3 ✓
- ☰ Sue’s e-Prescription ✓
- 🔍 Review Questions ✓
- ☰ Summary ✓

### Case 1

Today Ms. South (NP) sees A.K., a 20-year-old, who identifies as male (pronouns he, his, him) who has had asthma for 2 years. Ms. South had prescribed Ventolin (salbutamol) 2 puffs q6h prn and he tells her that recently, he’s been using it daily (in the past, he had used it approximately twice/month).



#### 4. ADMINISTER

The medication is given to the patient (*by nurse or caregiver*) or taken (*by the patient*). There are many safeguards in the institutional setting for medication administration. In the community setting, compliance aids, e.g., *blister packages*, are available to assist with adherence to medication regimens.

### Medication Use System

Click on the 5 numbers below to read the content before progressing.



*Well organized. Concise, clear and timely explanations.*

*Tips on medications will be useful for the novice prescriber.*

– NP faculty

*Absolutely relevant, engaging and informative for health professional students.*

– pharmacy faculty

*The module allowed me to learn more about e-prescribing, the benefits of it and how it can be useful in a clinical environment.*

– medical student

*It is really a good overview of the complexity of prescribing, transcribing, dispensing and trouble shooting.*

– dental faculty

*I feel that it is a great tool for the other professions to truly understand the scope of practice within each profession.*

– pharmacy technician faculty

*Clear and accessible with cases that are common and address topics discussed in the medical school curriculum.*

– family medicine resident

