

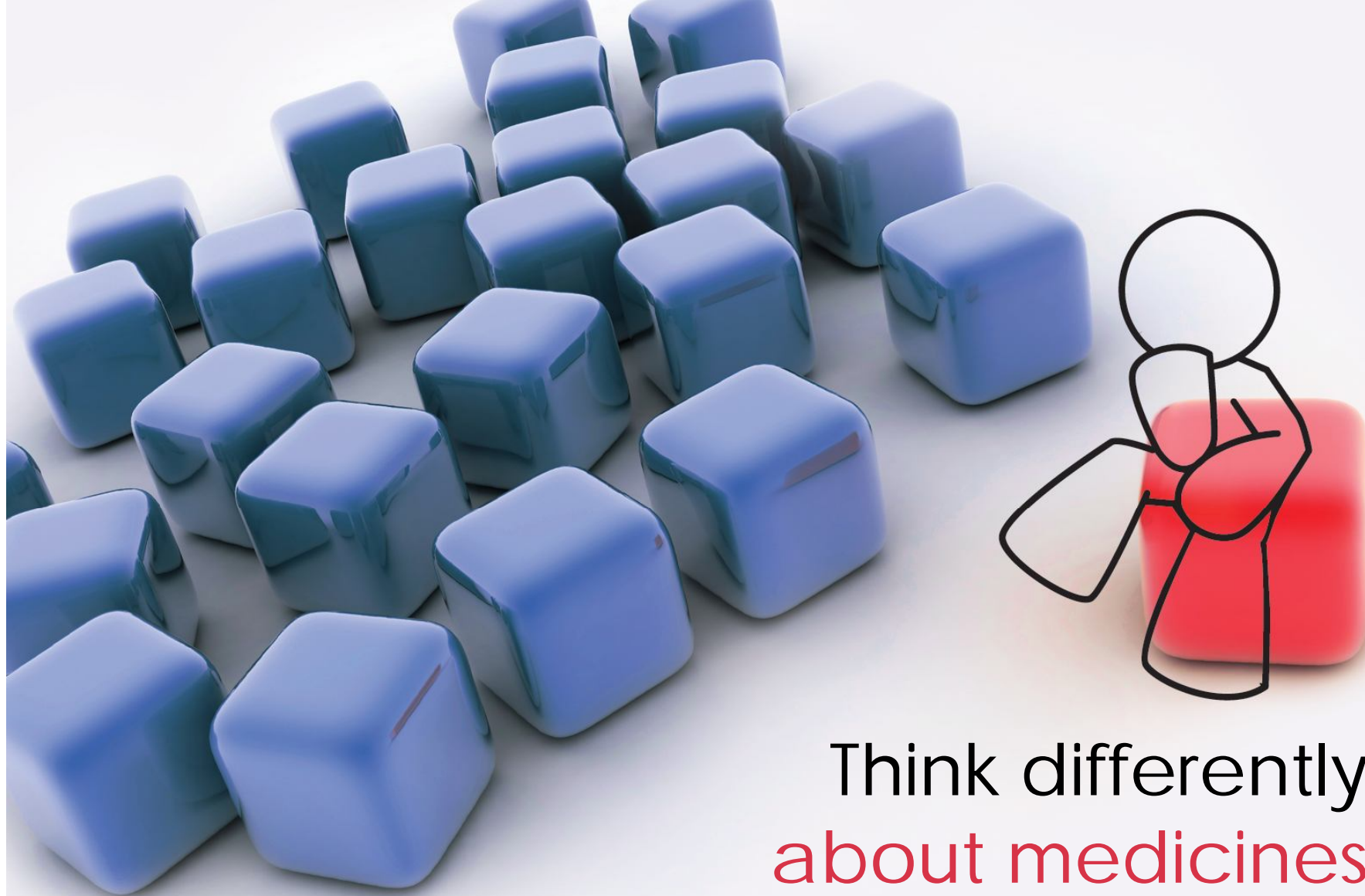


National Prescribing Service Limited

Using learning design to meet the ongoing needs of new prescribers

Karen Baskett National Prescribing Service





Think differently
about medicines

www.nps.org.au

Who?

The National Prescribing Curriculum (NPC)

- ★ 18 Case-based modules mirroring the decision-making process outlined in *WHO Guide to Good Prescribing*.
- ★ Modules used by all Australian Medical Schools + 2 Nurse Practitioner Schools
- ★ Majority of learners access modules in self-paced mode



What?





What?

Introduction
+ Learning
Objectives

Case Study +
Context

 **Defining the
patient
Problem**

Therapeutic
Goals-voting

 **Specify
therapeutic
objective**

Therapeutic
Goals
Feedback

 **Specify
therapeutic
objective**

Non Drug
Treatment +
Feedback-Q&A

 **Choose a
Treatment**

Drug
Treatment

 **Choose
Treatment
+ P-drugs**

Verify
Suitability

 **Verify
Suitability**

Review

Provide
Information +
Feedback-Q&A

 **Monitor
Treatment**

Monitor
Treatment

 **Monitor
Treatment**

Prescription
Feedback

 **Start
Treatment**

Write
Prescription

 **Start
Treatment**





Why?

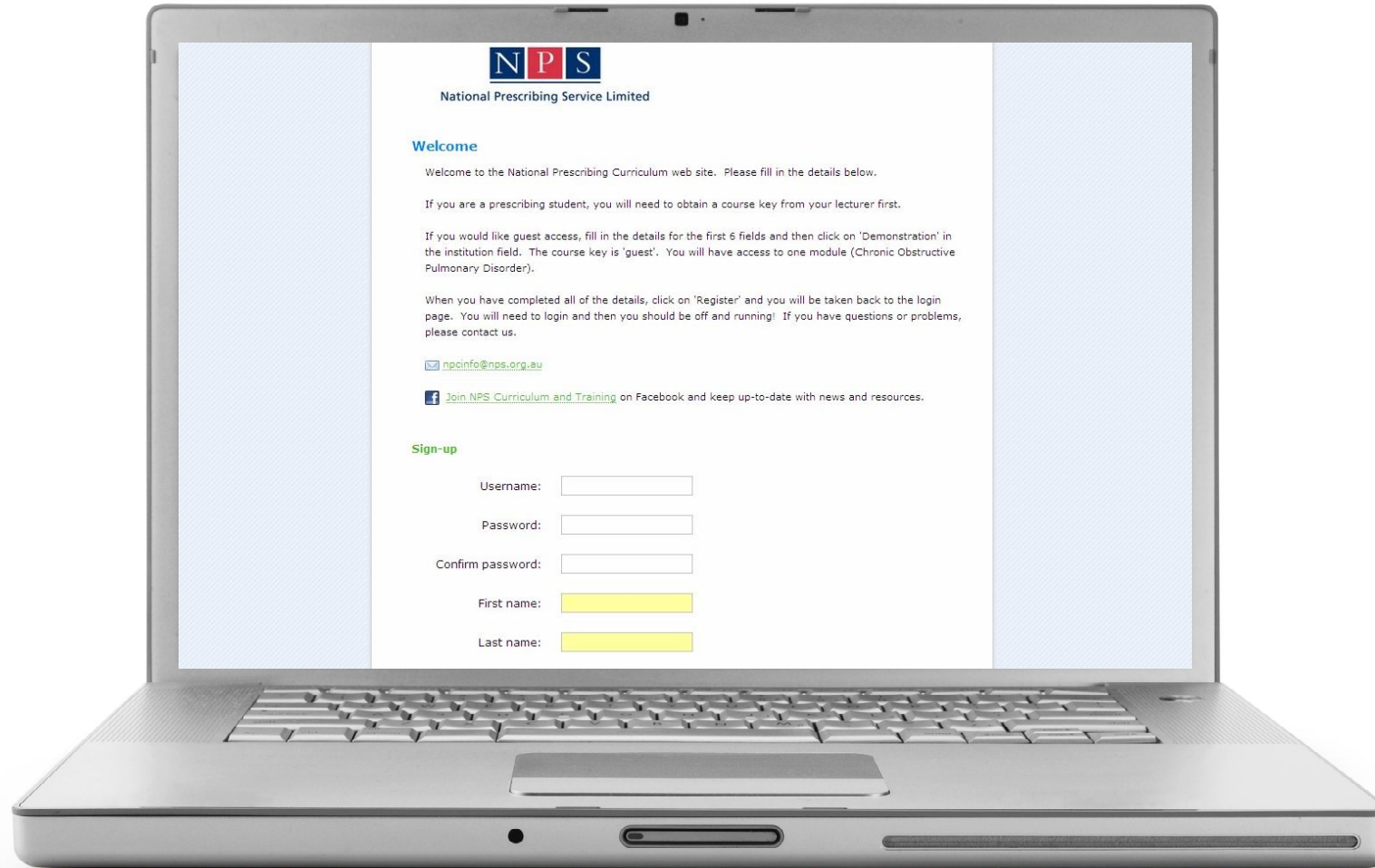
Why convert to LAMS?

A more learner-centred curriculum with more activities and more feedback

- ★ increased levels of feedback
- ★ situated learning with authentic tasks
- ★ greater emphasis on prescribing as a process
- ★ evidence-based resources



How?



<http://npsprescribe.lamsinternational.com>



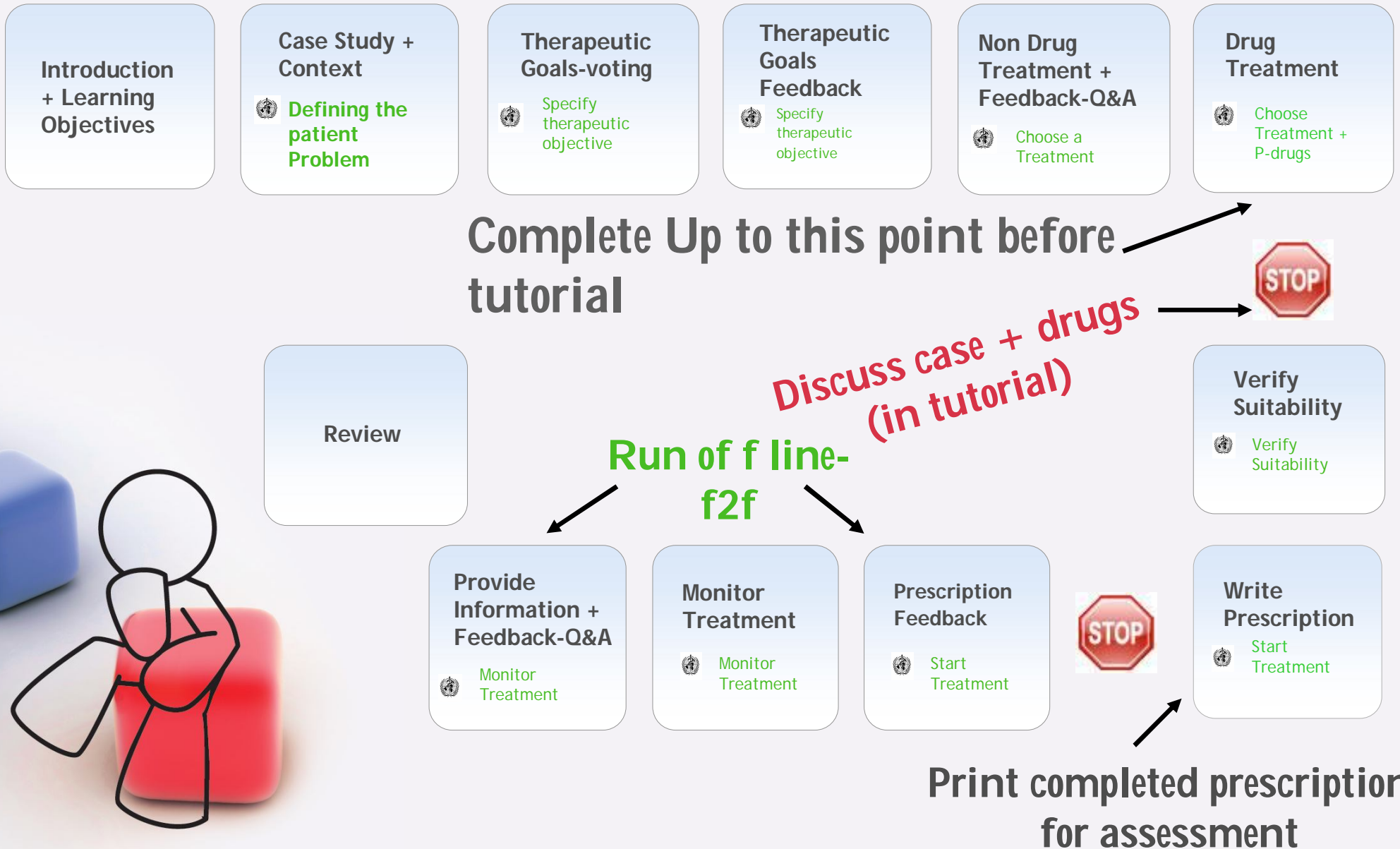
Pilot

- ★ 3 universities
- ★ 117 students
- ✓ added levels of feedback
- ✓ case-based approach
- ✓ links to relevant materials
- ✓ Logically presented
- ✗ Navigation





NPC + Learning Design





Pharmacy 1

Introduction
+ Learning
Objectives


Case Study +
Context

 Defining the
patient Problem

Therapeutic
Goals-voting

 Specify
therapeutic
objective


Therapeutic
Goals
Feedback

 Specify
therapeutic
objective

Non Drug
Treatment +
Feedback-Q&A

 Choose a
Treatment

Drug
Treatment

 Choose
Treatment +
P-drugs

As a pharmacist, what
type of prescription do
you expect to see?

Verify
Suitability

 Verify
Suitability

Review

Same format – but information
changed slightly to reflect
different learners.

What
prescription?

Q+ A

Provide
Information +
Feedback-
Q&A

Monitor
Treatment

Prescription
Feedback

 Start
Treatment

See
Prescription
and comment

Q+ A






Pharmacy 2

Introduction
+ Learning
Objectives


Case Study +
Context

 **Defining the
patient
Problem**

Therapeutic
Goals-voting

 Specify
therapeutic
objective


Therapeutic
Goals
Feedback

 Specify
therapeutic
objective

Non Drug
Treatment +
Feedback-Q&A

 Choose a
Treatment

Drug
Treatment

 Choose
Treatment +
P-drugs

Errors included in
a prescription eg
dose + form

Verify
Suitability

 Verify
Suitability

**Same format – but
information changed
slightly to reflect
different learners.**

**Optimise
Prescription**

Start Treatment

Review

Provide
Information +
Feedback-
Q&A

Monitor
Treatment

Prescription
Feedback

 Start
Treatment





Theory

Active

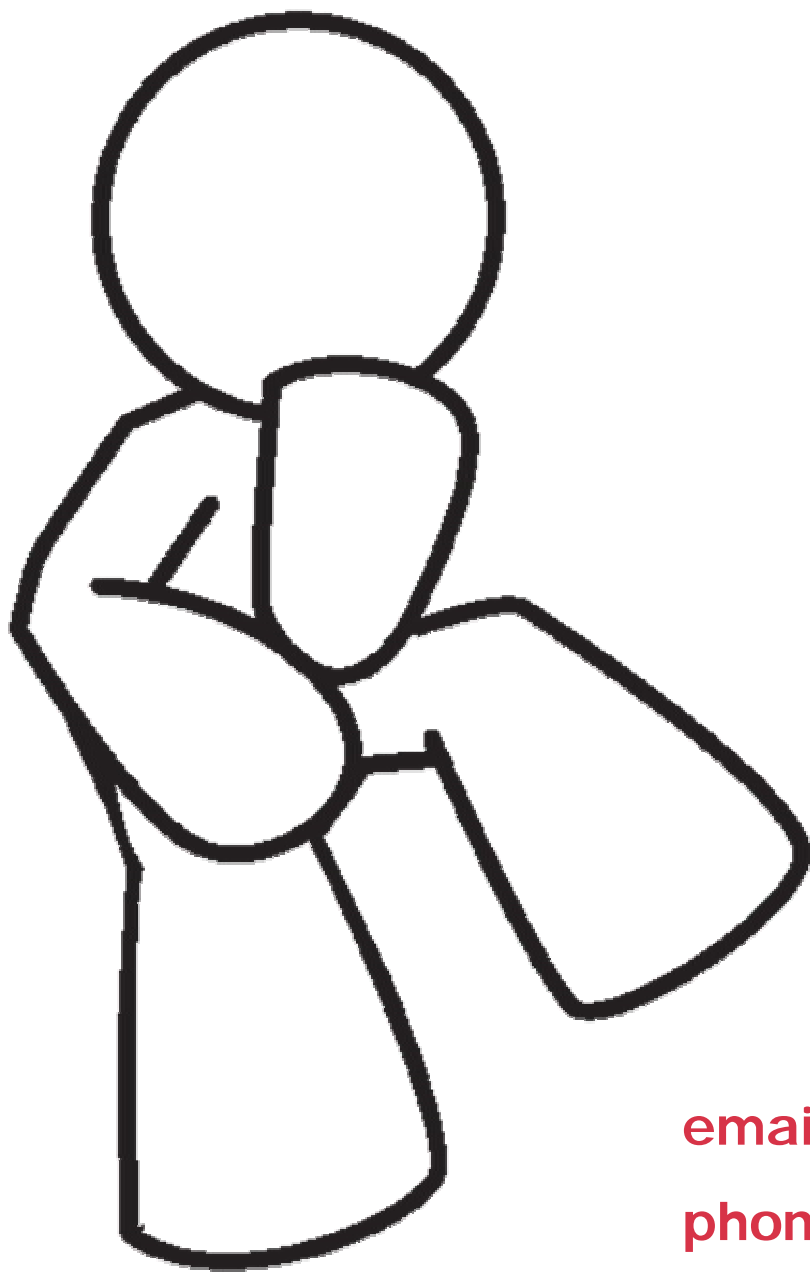
Authentic

Connected

Collaborative

Complex

Intentional



Thank
you!

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<http://npsprescribe.lamsinternational.com>