Stakeholders

Coordinator

Why?

Next Steps

Results

Roll Out

Integration

Kaleidoscope to Telescope with safeMedicate
Ashland University

Our Push

Why?

WHY?
- **Inconsistencies/Barriers**
- **Student frustrations**
- **Committee was formed to oversee SM throughout curriculum**

WHY?
- **Student focus group/survey**
- **Faculty/Leadership meetings**
- **Clinical agencies current users**

Curriculum Integration

Timing & Considerations

Curriculum Integration
- Sensitive to the timing of roll out...pandemic strain:
  - stress level, support, realistic goals
- Considerations of Implementation:
  - Curricular content, student skill level, encouragement

Curriculum Integration

Faculty Support
- Workshop offered to faculty and adjuncts
- Individual assistance by SM coordinator
- Continued support throughout semester
- Creation of documents to maintain consistency

Curriculum Integration

Staggered roll out
- Based on course level
- New students (Juniors)
- Established (Seniors) Students

SafeMedicate Across the Curriculum

Course	Sem	Medication Skills in course	Required Self Study Modules	Assessment	Remediation Cycle limit: 2 rounds	Practicum Schedule and population
304 Foundations I	Sem 1 Term A	PO meds SQ/IM/ID injection Removing med from vial Mixing meds – insulin IV rates/drip rates Unit dose meds	Foundation Numeracy (90%) **week 1** *FNS Essential Skills*: Introduction Prescriptions and SI units Tablets & Capsules Liquid Medicines Injections	Suggested: Administer a practice *FNS Essential Skills ADA*		
306 Foundations II	Sem 1 Term B	IVP & IVPB med admin Reconstitution meds Meds via Saline lock Meds via NG tube Metered dose inhaler	*FNS Essential Skills*: IV infusions *FNS Injectable medicine therapy*: Slow IV injections Intermittent infusions	FNS Essential Skills **ADA** *Adult and FNS Injectable medicines* **ADA** Adult: Slow IV injections Intermittent Infusions: single dose Formative: suggested ≥ 90% to take AA Summative: FNS Essential AA *Adult* (≥ 90%)	If AA <90%, then: Repeat FNS Essential Skills *Adult* Modules Repeat FNS Essential ADA Formative: ≥ 90% Repeat FNS Essential AA *Adult*: ≥ 90%	Practicum I *adult*
310 Psychiatric/ Mental Health	Sem 2		*FNS Essential Skills*: Mental health	FNS Essential Skills **ADA** *Adult and FNS Injectable medicines* **ADA** Adult: Slow IV injections Intermittent Infusions: single dose Modeling heparin – units/kg/hr Formative: suggested 90% to take AA Summative: FNS AA *Adult* (≥ 90%)	If AA <90%, then: Repeat Modules that corresponds to missed content Repeat corresponding ADA Formative: ≥ 90% Repeat corresponding AA: ≥ 90%	Practicum II *adult*
311/312 Adult Health	Sem 2		*FNS Injectable Medicines*: Modeling bodyweight based – single/divided dose Modeling Heparin	*FNS Essential skills* – simulation scenarios specific using Focused assessment		

Coordinator

Coordinator's role
- college coordination
- remediation

math anxiety

Coordinator

Considerations:
- Math anxiety
  - linked to higher activity
  - fear apprehensive to practice
- Math test anxiety
  - a belief or attitude

The process

Coordinator

Coordination process
- Meet with each class
  - HOW
  - WHY
  - Remediation

Remediation

Coordinator

Remediation Process
Step 1 of Remediation Plan: Met with Med Calc Success coordinator
Step 2: Sign contract for success
Step 3: Practice assigned problems - problems that were missed (peer tutor)
Step 4: Submit a screenshot of the results
Step 5: Retake ADA to pass > 90%
Step 6: Retake AA to pass > 90%

AU Med Calculation Remediation form

Ashland University College of Nursing and Health Sciences
Medication Calculation Practicum Remediation Plan

Student:		Date:
Practicum I score:	**Practicum II score:**	**Practicum III score:**

Purpose: This Remediation plan is created because you scored less than 90% score on an assigned:

:: **ADA Assessment** - Remediation using SafeMedicate modules is to be completed within 1 week. A score of 90% is required on the retake ADA to take the proctored Medication Calculation Practicum scheduled as SafeMedicate® Authentic Assessment (AA).

:: **Medication Calculation Practicum (SafeMedicate® Authentic Assessment (AA))** - Remediation using SafeMedicate modules and retaking the SafeMedicate® Authentic Diagnostic Assessment (ADA) is to be completed within 1 week. A score of 90% is required on the retake ADA to retake the proctored Medication Calculation Practicum scheduled as SafeMedicate® Authentic Assessment (AA).

- A score of 90% is required on the SafeMedicate® Authentic Assessment (AA) assessment to be satisfactory.
- Retesting of the AA is scheduled at the designated time and discretion of either the lead faculty or Medication Calculation Success Coordinator after demonstrating 90% score on the ADA.

Comments:

date: **Modules**:

ADA score:

Plan: Complete all modules in order to attend the review session at the end of the week. Review   and complete Practice your skills   (at least two times at 90%).

Student Signature: _____ Date: _____

CES/Lead Faculty Signature: _____ Date: _____

Med Calc Success Coordinator Signature: _____Date: _____

Date of ADA Remediation: _____ Score of ADA Remediation _____   Date of Practicum Retest: _____ Score of Practicum Retest: _____   Retesting Faculty Signature: _____

Pre safeMedicate

Results

Post safeMedicate

Pre-SafeMedicate
First Practicum:
- 10-30% first attempt failures
- 2-4 students failed courses every semester due to medication practicum failures

Post-SafeMedicate

- 3% first practicum attempt failure rate
- 0% students failed courses every semester due to medication practicum failures

Next Steps

- Usage as pre-Clinical and sim lab
- Survey for effectiveness
- Forms Repository
- Advocate for support position
- Add to orientations
- Semester directions

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