

# **The Competency Tool**

**(and you thought grading  
was complex)**

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# What is the Competency Tool?

- Linking objectives to assessment items
- Tracking students against objectives
- Presenting students with their progression
- Releasing content based on progression
- Competencies across Units / Courses

# **Grading and the Competency Tool are independent tools!**

**Or are they.....**

**No.....**

**Yes.....**

**Now I am totally confused!**

# Why the Confusion?

- It is possible to pass a quiz.... Without meeting all objectives
- Essentially.... We are running two sets of books!

# To grade or track objectives....that is the question

Can be done..... but why?

- Graduate capabilities and Unit outcomes
- VE Units to SMS

Print Settings Help

## Objectives Progress

Learning Objectives Passed  
17 % (1/6)

1 Completed: 2/6

Not Started ( 2 ) In Progress ( 2 ) Passed ( 1 ) Needs Remediation ( 1 )

**Check for pharmacology and substance incompatibilities**

50 % ( 1 / 2 ) Complete 0 / 1 Achieved

> 4 Activities, 0 Objectives Last Updated: 20 August, 2014 13:11

**Assess the intravenous cannula site for any problems**

50 % ( 1 / 2 ) Complete 0 / 1 Achieved

> 2 Activities, 0 Objectives Last Updated: 25 August, 2014 14:36

# Creating Competencies

- Organisational or Space based
- Hierarchal – Elements / Performance Criteria
- What..... No import!
- Pushed into Spaces, Colleges or Teaching Periods
- Evaluated across Spaces

By Hierarchy

- ▲ Minimise risk to the safe administration of intravenous medication
- ▲ Check for pharmacology and substance incompatibilities
- ▲ Review issues related to drug administration with registered nurse
- ▲ Identify common contraindications and adverse reactions of prescribed intravenous medications
- ▲ Confirm client identity and check for any known allergies
- ▲ Maintain knowledge of drug schedules and classifications as determined by legislation
- ▲ Acquires knowledge of medical intravenous abbreviations
- ▲ Assess the intravenous cannula site for any problems
- ▲ Work with a knowledge of various forms of

## Competency Structure - Minimise risk to the safe administration of intravenous medication

Structure Summary

Edit Structure

**Note:** You can't add parents or children right now because this competency has a status of approved

▲ Minimise risk to the safe administration of intravenous medication

### Parents

No objectives found

### Children

Name	Type
▲ Check for pharmacology and substance incompatibilities	Learning Objective
▲ Review issues related to drug administration with registered nurse	Learning Objective
▲ Identify common contraindications and adverse reactions of prescribed intravenous medications	Learning Objective
▲ Confirm client identity and check for any known allergies	Learning Objective
▲ Maintain knowledge of drug schedules and classifications as determined by legislation	Learning Objective
▲ Acquires knowledge of medical intravenous abbreviations	Learning Objective
▲ Assess the intravenous cannula site for any problems	Learning Objective
▲ Work with a knowledge of various forms of intravenous medication administration	Learning Objective

## Evaluation Settings

Allow re-evaluation of users who have achieved this competency 

## Make Competency Available To

Add Org Units








































## Achievement Criteria

This competency will be achieved when it is achieved in:



# Children

[Expand All] [Collapse All]

 Check for pharmacology and substance incompatibilities	 
 Assessment Legal Requirements and Pathophysiology	 
 The pathophysiology of medication errors	
 Complications Topic	 
 CalculationExercises_Level2	
 Review issues related to drug administration with regis...	 
 Identify common contraindications and adverse reactions...	 
 Complications with IV medication	 
 Confirm client identity and check for any known allergies	 
 IV Setup	 
 Complications Topic	 
 Maintain knowledge of drug schedules and classification...	 
 Assessment Legal Requirements and Pathophysiology	 
 Nurses Division 2 Legal Requirements	

# Associating Objectives with Assessments

- DropBox, Quizzes, Grade items & Discussions
- Objectives assessed against scores or separate rubrics
- Manual overriding calculated results
- Setting thresholds

## Objectives

Associate Learning Objectives



Check for pharmacology and substance incompatibilities

**Associations**

6 Questions, 0 Sections

Edit Associated Questions

---

**Assessment Method**

Quiz Score

**Performance Required**

> 0 %

Save and Close

## Select Questions and Sections to associate with the learning objective



Page: 1 of 3 ▾ ▶

	Name (click question name to preview)	Type	Points	Difficulty	B
<input checked="" type="checkbox"/>	? Conversions	SA	1	1	
<input checked="" type="checkbox"/>	? Conversions 2	SA	1	1	
<input type="checkbox"/>	? Conversions 3	SA	1	1	
<input type="checkbox"/>	? Conversions 4	SA	1	1	
<input type="checkbox"/>	? Tablets	SA	1	1	
<input checked="" type="checkbox"/>	? Tablets 2	SA	1	1	
<input checked="" type="checkbox"/>	? Tablets 3	SA	1	1	
<input type="checkbox"/>	? Tablets 4	SA	1	1	
<input type="checkbox"/>	? Tablets 5	LA	1	1	
<input type="checkbox"/>	? Tablets 6	LA	1	1	
<input checked="" type="checkbox"/>	? Tablets 7	LA	1	1	
<input checked="" type="checkbox"/>	? Tablets 8	SA	1	1	
<input type="checkbox"/>	? Tablets 9	SA	1	1	

## Manage Quizzes

*Specify how the performance on the learning objective in this activity should be measured.*

### Assessment Type

Numeric

### Assessment Method

Quiz Score

The activity is required to complete learning objective

### Overall Threshold

>   %

Save

Cancel

## Manage Quizzes

*Specify how the performance on the learning objective in this activity should be measured.*

### Assessment Type

Rubric ▼ ⓘ

### Rubric \*

Assessment of Guidelines ✖ ⓘ

### Criteria \*

Overall Rubric Score ▼

The activity is required to complete learning objective

### Threshold \*

Pass ▼

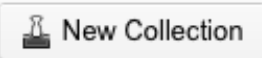
Manually Assess ⓘ

Save

Cancel


# ePortfolio


- 'Push' objectives into ePortfolio
- Students 'Pull' objectives into ePortfolio
- 'Attach' to artifacts
- Submit presentations with objectives and 'evidence'



Filter by: [Artefacts](#) [Collections](#) [Presentations](#) [Reflections](#) [Objectives](#) | [Shared](#)


5 items shown.

 **Sample patient data** ▾  
7 November 16:12

 **Importance of checking the cannula site** ▾  
7 November 16:10

 **Work Experience Presentation - St Helens Hospi...** ▾  
6 November 15:49

 **Assess the intravenous cannula site for any proble...** ▾  
21 October 11:56

 **My Grades Results** ▾  
17 October 11:31



ePortfolio

My Items

Explo

+ Add ▾

 New Presentation

Filter by:

Artefacts

Collections

5 items shown.



**Sample patient data**

7 November 16:12



Open



View



Subscribe



Edit



Share



Delete



Push



Export



Add to Presentation



Add to Collection



Associate Learning Objective





## Assess the intravenous cannula site for any problems ▾

21 October 11:56

Name

Assess the intravenous cannula site for any problems

Description

Original Name of Learning Objective

Assess the intravenous cannula site for any problems

Additional Identifier

Associated Items

Add








Work Experience Presentation - St Helens Hospice ✖

Importance of checking the cannula site ✖


[What are associated items?](#)

# Tracking

- Via 'Student Progress'
- Via the 'Competencies Tool' (at Space level)
- Via the 'Competencies Tool' (at Org level)

Last name, First name ▲	Content	Objectives	Logins
 <b>Biotic, Auntie</b> nurse3 nurse	<input type="text"/> 0 %      Visited: 0 / 14	<input type="text"/> 1 ✘      Completed: 2/6	No logins
 <b>Mata, Mee</b> nurse4 nurse	<input type="text"/> 0 %      Visited: 0 / 14	<input type="text"/> 1 ✘      Completed: 2/6	No logins
 <b>Mometer, Arthur</b> nurse1 nurse	<input type="text"/> 0 %      Visited: 0 / 14	<input type="text"/> 1 ✘      Completed: 2/6	 Logins: 2
 <b>O'Plasty, Angie</b> nurse2 nurse	<input type="text"/> 0 %      Visited: 0 / 14	<input type="text"/> Completed: 1/6	 Logins: 6
 <b>Sasin, Anna</b> nurse5 nurse	<input type="text"/> 0 %      Visited: 0 / 14	<input type="text"/> Completed: 1/6	No logins

Item: **Factors Topic**  
 Score: 8 / 15, PP



# Objectives Progress

Learning Objectives Passed

17 % (1/6)



Not Started ( 2 )

In Progress ( 2 )

Passed ( 1 )

Needs Remediation ( 1 )

## Check for pharmacology and substance incompatibilities



33 % ( 1 / 3 ) Complete 0 / 2 Achieved

> [4 Activities, 0 Objectives](#)

Last Updated: 06 November, 2014 15:36

## Assess the intravenous cannula site for any problems



50 % ( 1 / 2 ) Complete 0 / 1 Achieved

> [2 Activities, 0 Objectives](#)

Last Updated: 25 August, 2014 14:36

# Competency Results

## Competency

Minimise risk to the safe administration of intravenous medication

## View By

User



Apply

Search For:



Show Search Options



20



per page

	Last Name, First Name ▼	Org Defined ID	Completed?
<input type="checkbox"/>	Sasin, Anna	nurse	
<input type="checkbox"/>	O'Plasty, Angie	nurse	
<input type="checkbox"/>	Mometer, Arthur	nurse	
<input type="checkbox"/>	Mata, Mee	nurse	
<input type="checkbox"/>	Biotic, Auntie	nurse	



20



per page

**How does all of this  
help?**

# Requirements of VE

## The Audit!

- Tracking engagement.
- Tracking evidence.
- Assessing against Elements / Performance Criteria / Range Statement.

## Common Issues

- Over assessing.
- Not using a range of assessment methods.



# Problems with grading VE in an LMS

- What numbers?..... That's not Competency!
- Creating an organisational scheme ..... problematic
- Ensuring setup of GradeBook does not show final calculated mark
- Tracking which assessments relate to which Unit / Element.....
- Quizzes..... what am I assessing?

# Not just for VE..... HE benefits

- Graduate Capabilities / AQF standards
- Across organisational tracking
- Students can contextualise attributes / capabilities gained
- Save to ePortfolio for CV / applications

# Issues & future requests

- Requires 'Insights'
- True competency.... Numerical quizzes
- Creating Competencies..... a pain!
- Over assessment!

# Mapping.....

Competency Mapping Tool					
[Expand All] [Collapse All]		Objectives must be met by at least... <input type="text" value="2"/> assessment items			
	Mapping Check	Quiz 1	Observation 1	Assignment 1	Practical 1
ACMGAS208A Source information for animal care needs					
Read and interpret product labels	█	✓		✓	
1.1. Medication classes and product contents are identified	█	✓		✓	
1.2. Safety precautions are identified and interpreted.	█	✓		✓	
1.3. Dose or application rates are identified	█	✓		✓	
1.4. Dose or application is prepared for nominated animal	█	✓		✓	
Gather information on products and services	█	✓	✓		
2.1. Information sources for animal care products and services	█	✓	✓		
2.2. Company advisors are contacted for specific information	█	✓	✓		
2.3. Inquiries are made on animal care services for a range of	█	✓	✓		
Profile nominated animal physiological features relevant to health	█			✓	✓
3.1. Animal metabolic processes relevant to health, nutrition and	█			✓	✓
3.2. Substances and medications known to produce allergic reactions	█			✓	✓
3.3. Methods of administration of treatments and medications	█			✓	✓
Take an animal history	█		✓		✓
4.1. Phone information is documented and information relevant to	█		✓		
4.2. Effective listening and research skills are used to gather	█		✓		✓

Close

# Q & A