

# Cardiovascular Learning Pathways:

A cross institutional cardiac nursing education program

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Government  
of South Australia

SA Health

Us...



SA Health

# The epiphany...





# Current Review



## Statewide Education and Training Services

### Position Paper

Draft for Consultation  
1 July 2013

*This paper establishes the position for an SA Health Statewide  
Education and Training Service following the initial proposal  
distributed for consultation in February 2013*

# Federal Budget 2014



- > National Safety and Quality Standards
- > SA Health Nursing & Midwifery Capability  
& Self development Framework
- > Performance Review & Development
- > Broader educational opportunities



## The Framework

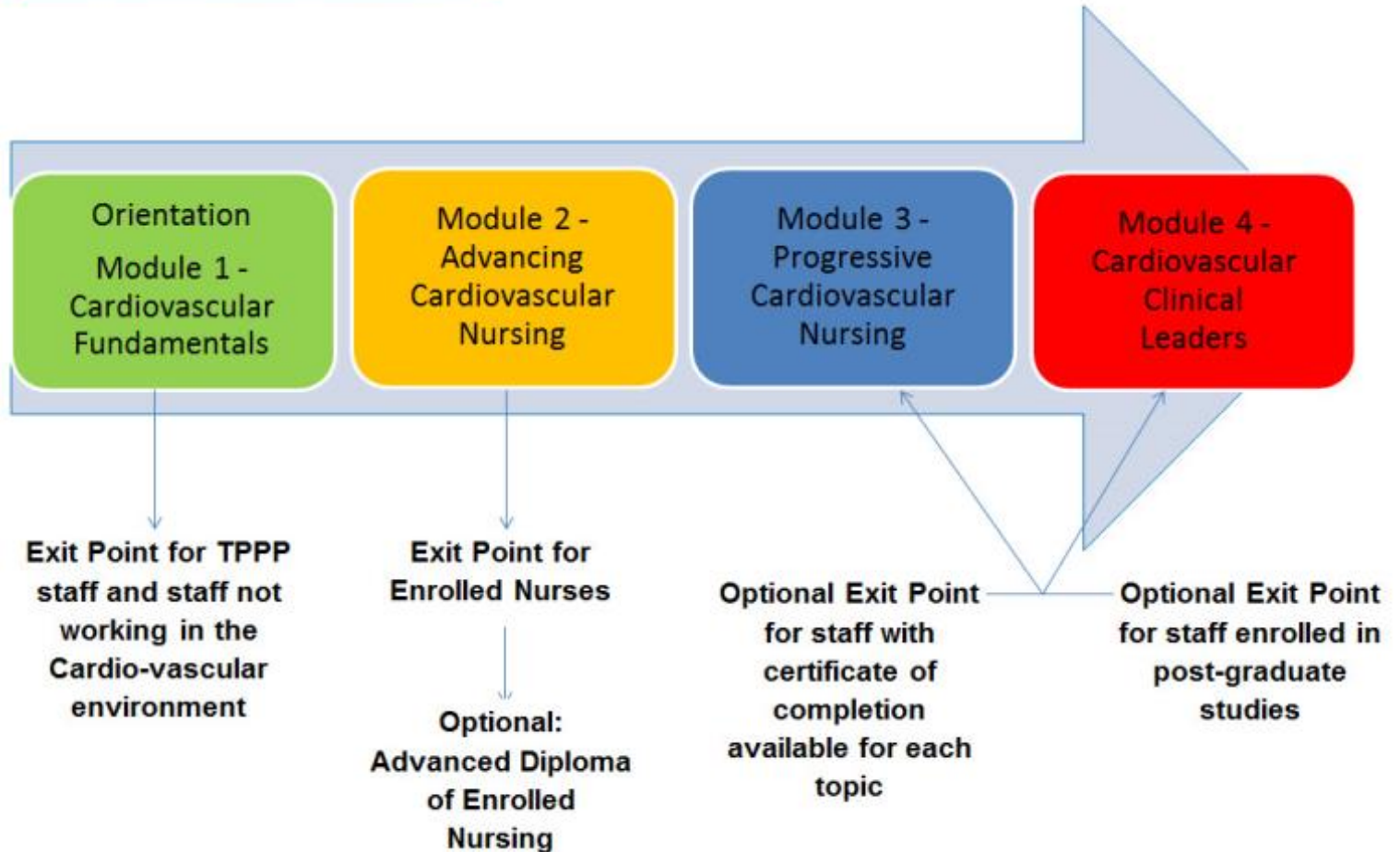
### Cardiovascular Learning Pathway Framework

Novice

→ Expert

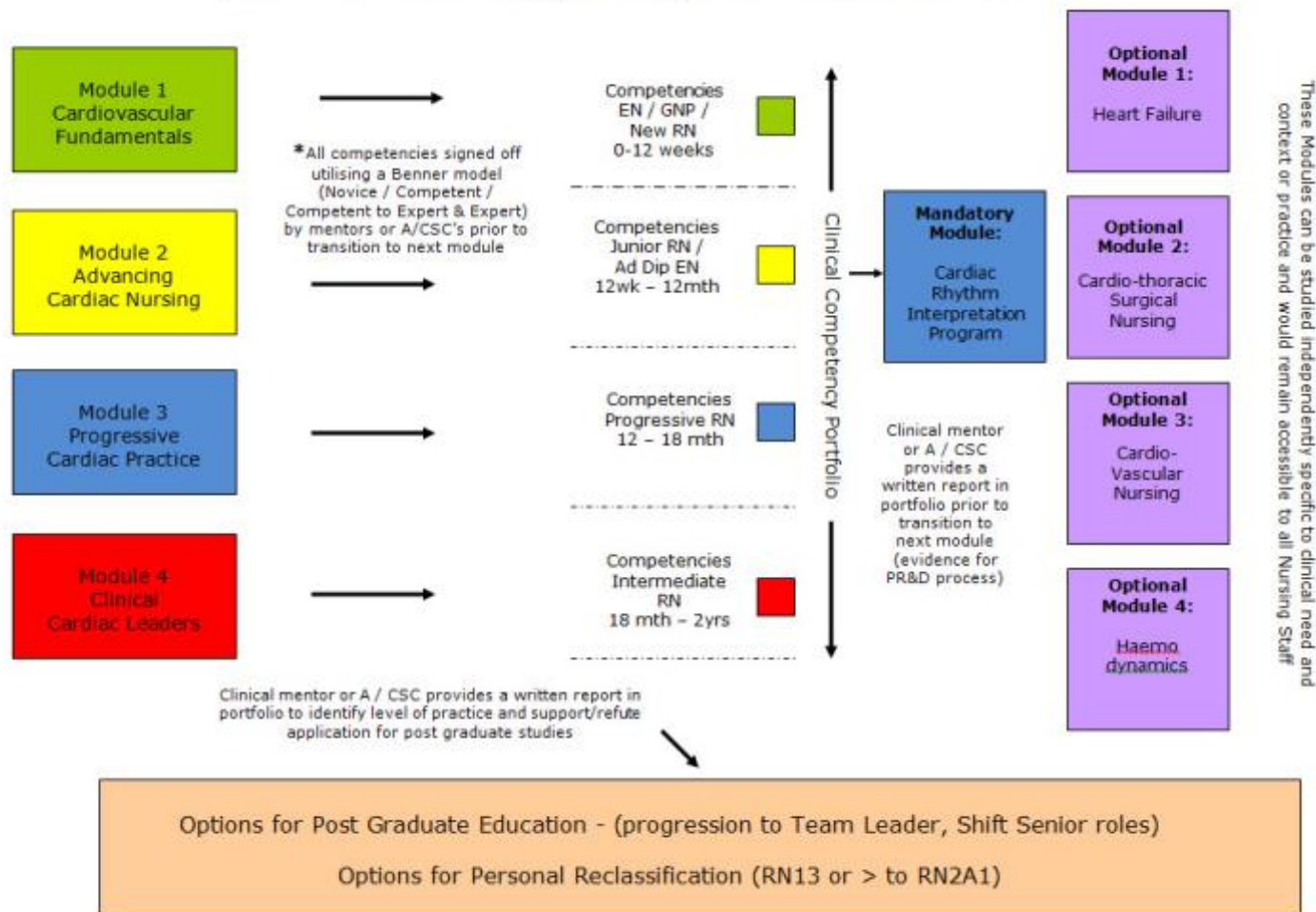
<i>Promote quality, patient centred nursing care for people with cardiovascular disease</i>	<b>Unit Specific Orientation</b>  <i>To ensure that cardiovascular nurses practice safely in the clinical environment</i>	<b>Cardiovascular Orientation</b>  <i>To ensure that new cardiovascular nurses are introduced to the cardiovascular specific nursing care needs of our patients</i>	<b>Advancing Cardiovascular Nursing</b>  <i>To ensure that cardiovascular nurses are provided with the opportunity to practice and develop knowledge and skills required to care for cardiovascular patients throughout the continuum of cardiovascular diseases</i>	<b>Progressive Cardiovascular Nursing</b>  <i>To ensure that experienced cardiovascular nurses are able to practice independently, and to a standard required of complex cardiovascular clinical presentations</i>	<b>Cardiovascular Nursing Leaders</b>  <i>To ensure that experienced cardiovascular nurses are able to provide leadership and support to clinicians, patients and families through role modelling and extended practice roles</i>  <i>To ensure that cardiovascular nurses receive the support required to maintain competence and practice in line with industry and organisational standards</i>	<b>Lifelong Learning</b>
<b>Development Orientation</b>	<b>Transition Safe Practice</b>					
<b>Cardiovascular Nursing Orientation</b>		<b>Scope of Practice</b>				
<b>Knowledge and Skill Acquisition</b>		<b>Independent Practice</b>	<b>Role Development</b>			
<b>Expertise Development</b>				<b>Preceptorship</b>		
		<b>Transition to Advanced Practice</b>		<b>Role Model</b>	<b>Expert Clinician Education</b>	
<b>Leading Self, Leading Others</b>		<b>Evidence Based Practice</b>		<b>Succession Planning</b>		<b>Leadership/Management</b>

## Roadmap for Professional Development





## Cardiovascular Learning Pathways – FMC and RAH Collaborative



# Resources to support the pathway



The screenshot shows the NSQHS Education and Training portal. The main content area is titled "Cardiovascular Learning Pathway" and features a stethoscope icon over a heart. Below the title, it lists the authors: "Agnes Harris (FRC) & Laura Gaskin (FRC)". The page includes a "Description" section, a "Introduction" section, and a "How to Navigate the Pathway" section. A sidebar on the left contains navigation links for various topics and a search bar.



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# Cardiovascular Nursing Professional Development Pathway Module 1



Name: \_\_\_\_\_ Date Commenced: \_\_\_\_\_ Ward/Clinical area: \_\_\_\_\_

Version 1.0 (2012)

## Cardiovascular Nursing Professional Development Pathway Goal

At the end of this professional development pathway the Cardiovascular Nurse will be able to deliver the delivery of safe and effective care to cardiovascular patients.

## Professional Development Pathway Competence Statements

At the completion of the professional development pathway the trainee nurse will be able to:

<b>Cardiovascular Fundamentals</b>	<ul style="list-style-type: none"> <li>• Demonstrate knowledge and skills required to provide safe and effective care to cardiovascular patients</li> </ul>
<b>Advancing Practice</b>	<ul style="list-style-type: none"> <li>• Provide safe and effective care of a cardiovascular patient</li> <li>• Demonstrate leadership competence in the CV and Cardiothoracic ward</li> </ul>
<b>Progressive Practice</b>	<ul style="list-style-type: none"> <li>• Consolidate clinical expertise through provision of evidence based care</li> <li>• Actively engage in patient education</li> <li>• Challenge current practice through quality improvement projects</li> <li>• Work collaboratively with multi-disciplinary teams to achieve</li> <li>• Provide peer supervision and support to colleagues</li> </ul>
<b>Clinical Expertise</b>	<ul style="list-style-type: none"> <li>• Engage in mentoring of colleagues, junior staff and students</li> <li>• Demonstrate clinical thinking strategies and decision making</li> <li>• Take responsibility for team leading role</li> <li>• Work with and within clinical leadership team</li> <li>• Act as a clinical resource who educates peers and new staff</li> <li>• Demonstrate effective portfolio management through reflective practice</li> </ul>

Cardiovascular Nursing Professional Development Pathway 2012


**Content:** Orientation to the Clinical Environment  
Cardiac Anatomy and Physiology  
Basic Electrophysiology & Sinus Rhythm  
Medication Safety in the Cardiovascular Patient

Patient Assessment  
Clinical Deterioration  
Chest Pain Assessment and Management  
Communication and Escalation

**Expected Level of Achievement:** Supervised (See Appendix One)

Orientation to the Clinical Environment			
Standard	Learning Resources	Level of Achievement	Signed/Date
Access resource material, protocols and the unit's specific practice standards and guidelines	<ul style="list-style-type: none"> <li>• SALHN Intranet</li> <li>• IT helpdesk ext. 64742</li> </ul>		
Access OASIS, ATS, EXELCARE information systems	<ul style="list-style-type: none"> <li>• "Orientation to the Ward" competency including online; <u>Excelcare</u> Orientation</li> </ul>		
Demonstrate the ability to use <u>Excelcare</u> functions including: <ul style="list-style-type: none"> <li>• Create and update an electronic nursing care plan</li> <li>• Discharge/transfer patients</li> <li>• Change shift</li> <li>• Project hours before and after changing shift</li> <li>• Print <u>Excelcare</u> plan</li> </ul>	<ul style="list-style-type: none"> <li>• 'Safety' competency including online accreditations; Fire Safety De-escalation and Prevention of</li> </ul>		

# Practice - Theory



Centre for Nursing & Midwifery Education and Research

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SA Health

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## Cardiovascular Pathways GREEN Study Day August 19th, 2014

Time	Topic	Presenter
0800	MORNING TEA	
1000		
1030	LUNCH	
1200		
1300	HOME	
1400		
1500		
1630		



## Where are we at?

- > Module 1 & 2 currently LIVE
- > 3<sup>rd</sup> Module being finalised
- > Approximately 250 people enrolled across modules (both sites)
- > Engaging additional sites
- > Feedback = positive ++
- > Commenced quality R&D process





# Feedback

- > *“We need cardiac trained nurses at all levels of health care; in the home, community and hospital. The cardiovascular learning pathways provide an opportunity for nurses to gain fundamental knowledge in a variety of cardiovascular aspects”*
- > *“As a new junior team member in cardiology there was a lot of cardiac specific knowledge in relation to procedures, medication and nursing management I had to learn fast! The cardiovascular learning pathways facilitated a smooth transition into the ward and provided a learning resource that was easy to follow and related to my cardiac clinical practice”*
- > *“Sometimes junior nurses are quickly moved into senior roles and basic education can be missed, this resource is helpful in ensuring that these basics are not overlooked”*



## Where to?

- > Continue to build and develop existing modules/resources
- > Continue to work with clinicians & leaders to ensure pathways meet needs of staff
- > Increasing engagement across state

# Any questions?





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of South Australia**

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