



Competencies on Circulation Management

PACU Circulation Management Learning and Teaching Resource

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Competencies : Circulation management

Core clinical learning outcomes:

- *Is able to demonstrate effective and routine cardiovascular management to promote efficient tissue perfusion*
- *Is able to demonstrate skilled intervention to pre-empt or correct cardiovascular insufficiency within the context of ongoing assessment, intervention and evaluation*
- *Is able to provide rationale for clinical intervention based on applied basic sciences*
- *Understands the management of specific cardiovascular complications*

Knowledge/skills	A. Routine post anaesthetic cardiovascular management • <i>Novice will understand how to protect cardiovascular function to ensure adequate tissue perfusion</i>
1.	Demonstrates skill in positioning the patient to ensure optimal cardiovascular function
2.	Demonstrates effective pain management providing rationale
3.	Demonstrates effective fluid management providing rationale
4.	Demonstrates effective thermoregulatory management
	B. Pre-empt or correct respiratory complications [general guidelines] • <i>Novice will use ongoing assessment, intervention and evaluation to pre-empt/correct cardiovascular complications</i>

5.	Rationalises circulation as third priority in post anaesthetic care
6.	Discusses how assessment of risk factors can inform cardiovascular management and pre-empt complications
7.	Demonstrates effective use of information from anaesthetist, anaesthetic and surgical record to risk assess patient potential for circulatory complications
8.	Rationalises at what point help should be summoned in cardiovascular management
	<i>C. Specific cardiovascular complications</i> <i>Discusses the causes, presenting signs and management of patients with specific cardiovascular complications</i>
9.	Hypotension due to residual effect of anaesthetic mix and surgical factors
10.	Hypotension due to hypovolaemia
11.	Hypotension due to regional anaesthesia : spinal or epidural
12.	Hypotension due to arrhythmias
13.	Hypotension due to cardiac injury *
14.	Hypertension
15.	Shock *

	<i>SUMMATIVE ASSESSMENT ON MANAGEMENT</i> <i>Formal assessment of airway management assessing all the above competencies on one patient recovering from GA</i>
16.	Demonstrates skill and understanding in routine management of a patient's cardiovascular management on emergence from anaesthesia

* Indicates that this competency should not be tested within the first 6 months, it requires more experience and a greater depth of knowledge