



## Competence Areas – TIER 3

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# 1. Inhalers

## Competence statement:

This competence refers to the knowledge, skills and attitudes required to help patients use inhalers effectively – applicable to both acute and long term management of asthma, COPD and other respiratory conditions

**Rating Scale: 1 Needs a lot of development**

**2 Needs some development**

**3 Is well developed**

<b>T3 Knowledge</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Critically evaluate the evidence base of inhaler technology and new treatments			
2	Critically evaluate the effectiveness of inhaler medication in individual patients			
3	Maintain an current, evidence based risk assessment, updating as necessary			
4	Identify ways of assessing the inhaler learning needs of nurses and other health professionals			
<b>T3 Skills</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Recommend/prescribe inhaler medication and suitable device for patient based on a holistic assessment			
2	Provide regular updates to nurses/multi-professionals and other healthcare sectors regarding effectiveness of treatment and devices			
3	Maintain an evidence based risk assessment; implement and update as necessary			
4	Liaise with relevant bodies/organisations as necessary			
<b>T3 Attitudes</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Show willingness to provide clinical leadership to support work of nurses and multi-professionals			

## 2. Nebulisers

### Competence statement:

This competence refers to the knowledge, skills and attitudes required to use nebuliser therapy in acute exacerbations and in the long term management of asthma, COPD and other respiratory conditions

**Rating Scale: 1 Needs a lot of development**

**2 Needs some development**

**3 Is well developed**

<b>T3 Knowledge</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Critically evaluate the evidence base for nebuliser therapy			
2	Critically evaluate assessment processes for domiciliary nebuliser therapy			
3	Critically evaluate the cost-effectiveness of the range of compressors, disposables and their combinations			
4	Explain how to assess the learning needs of nurses, multi-professionals/multi-agencies			
5	Describe legal and professional requirements for extending scope of own role			
6	Describe qualities and aspects of clinical leadership			
7	Describe approaches to audit and development of services			
8	Describe research methodology for investigating aspects of nebuliser therapy			
<b>T3 Skills</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Carry out nebuliser therapy trials with appropriate patients			
2	Review cases where patients have commenced domiciliary nebuliser therapy			
3	Integrate policy, research and clinical guidelines into the development of services and provision care			
4	Develop, in partnership with relevant stakeholders strategic policies and procedures for nebuliser therapy provision			
5	Carry out training needs analysis of nurses and multi-professionals to provide appropriate education			
6	Lead and assist nurses to progress and consolidate their nebuliser therapy knowledge and skills			
7	Lead audit of effectiveness of nebuliser therapy services and care using continuous quality improvement approach			
8	Identify and lead research activities into aspects of nebuliser therapy services and care			
<b>T3 Attitudes</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Show willingness to empower patient/carer through appropriate nebuliser education and advocacy of their wishes			

### 3. Oxygen Therapy

**Competence statement:**

This competence refers to the knowledge, skills and attitudes required to implement oxygen therapy in acute exacerbations of COPD, asthma and other respiratory conditions including home and ambulatory oxygen therapy for long term management.

**Rating Scale: 1 Needs a lot of development**

**2 Needs some development**

**3 Is well developed**

<b>T3 Knowledge</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Critically evaluate evidence base for oxygen therapy and service provision			
2	Explain the relationship of oxygen saturation curve and maximum volume of oxygen uptake (VO2 max) to symptoms and effectiveness of oxygen therapy			
3	Critically discuss pathological processes affecting prescription and effectiveness of treatment			
4	Critically analyse the appropriateness of introducing other forms of management, for example, non-invasive ventilation, intensive care or palliative care, when patient's clinical status does not improve or deteriorates			
5	Explain ways to critically evaluate effectiveness of equipment, interfaces and delivery of acute and domiciliary services			
6	Critically evaluate cost-effectiveness and mechanics of combinations oxygen sources, conserving devices and delivery systems			
7	Describe legal and professional scope of own role in relation to HFNO (AIRVO)			
8	Describe qualities and aspects of clinical leadership			
9	Describe approaches to audit and development of services			
10	Describe research methodology for investigating aspects of oxygen therapy			
<b>T3 Skills</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Assess patient for safe prescription of oxygen therapy			
2	Recommend and/or prescribe oxygen therapy according to need			
3	Plan, implement and critically evaluate effectiveness of oxygen treatment within context of individualised management plan and make changes accordingly			
4	Liaise with senior practitioners and patient/carer regarding appropriateness of other forms of management where necessary			
5	Develop risk management plans to support patient independence and safe provision of therapy for patients requiring oxygen and ambulatory oxygen systems			
6	Review cases or arrange a follow up of patients who have commenced acute or domiciliary oxygen therapy			
7	Develop, in partnership with relevant stakeholders, strategic systems, policies and protocols for oxygen therapy provision			
8	Integrate policy, research and clinical guidelines into the development of services and provision of care			

### 3. Oxygen Therapy

<b>T3 Skills (contd.)</b>	<b>1</b>	<b>2</b>	<b>3</b>
9 Carry out training needs analysis of nurses and multi-professionals to provide appropriate education			
10 Lead and assist nurses to progress and consolidate their oxygen therapy knowledge and skills			
11 Lead audit of effectiveness of oxygen therapy services and care, using continuous quality improvement approach			
12 Identify and lead research activities into aspects of oxygen therapy services and care			
13 Arrange appropriate follow up of patients prescribed domiciliary oxygen			
14 Implement Regional Risk Assessment Tool in assessment of patients for Home Oxygen providing Oxygen Alert Cards			
<b>T3 Attitudes</b>	<b>1</b>	<b>2</b>	<b>3</b>
1 Show willingness to provide clinical leadership to support work of nurses and other health professionals			
2 Foster co-production and design in the development and delivery of person-centred home oxygen services			

## 4. Non-Invasive Ventilation

### Competence statement:

This competence refers to the knowledge, skills and attitudes required to implement non-invasive ventilation (NIV) in acute exacerbations of COPD and long term management of COPD.

**Rating Scale: 1 Needs a lot of development**

**2 Needs some development**

**3 Is well developed**

<b>T3 Knowledge</b>	<b>1</b>	<b>2</b>	<b>3</b>
1 Critically evaluate evidence base for NIV			
2 Identify other forms of management that may be appropriate when ceiling of treatment has been reached			
3 Describe components of discharge co-ordination and review			
4 Explain ways to critically evaluate effectiveness of equipment, interfaces and delivery of acute and domiciliary services			
5 Explain the types of non-invasive ventilation (for example, pressure support)			
6 Describe qualities and aspects of clinical leadership			
7 Describe approaches to audit, and to the development of services			
8 Describe research methodology for investigating aspects of NIV care			
<b>T3 Skills</b>	<b>1</b>	<b>2</b>	<b>3</b>
1 Critically analyse types of NIV and make informed decisions regarding clinical use			
2 Collaborate with senior and/or specialist practitioners to formulate and evaluate individualised NIV management plan and make changes accordingly, including removing NIV when ceiling of treatment reached			
3 Develop risk management plans to support independence and safe provision of therapy for patients requiring NIV			
4 Review cases where patients have commenced acute or domiciliary NIV			
5 Carry out training needs analysis of nurses and multi-professionals to provide appropriate education			
6 Lead and assist nurses to progress and consolidate their NIV knowledge and skills			
7 Collaborate with relevant stakeholders to develop strategic policies and procedures for NIV provision			
8 Lead audit of effectiveness of NIV services using continuous quality improvement approach			
9 Identify and lead research investigations into aspects of NIV care and service provision			
<b>T3 Attitudes</b>	<b>1</b>	<b>2</b>	<b>3</b>
1 Foster an approach of co-production and design in the development and delivery of person-centred non-invasive ventilation services			

## 5. Adrenaline Auto-Injectors

### Competence statement:

This competence refers to the knowledge, skills and attitudes required to ensure that patients use Adrenaline Auto-injectors (AAI) safely and effectively – when such have been prescribed for patients at risk of anaphylaxis.

**Rating Scale: 1 Needs a lot of development**

**2 Needs some development**

**3 Is well developed**

<b>T3 Knowledge</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Critically evaluate the evidence base of AAI technology and new devices as they become available			
2	Critically evaluate the effectiveness of specific AAI devices in individual patients			
3	Evaluate new innovative ways for assessing AAI technique, involving user/carer groups, nursing colleagues and other relevant sectors/agencies			
4	Identify ways of assessing the AAI learning needs of nurses and other health professionals			
<b>T3 Skills</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Recommend/prescribe suitable AAIs for patient based on a holistic assessment			
2	Provide regular updates to nurses/multi-professionals and other healthcare sectors regarding effectiveness of treatment and devices			
3	Maintain evidence based risk assessment; implement and update as necessary			
4	Liaise with relevant bodies/organisations as necessary			
<b>T3 Attitudes</b>		<b>1</b>	<b>2</b>	<b>3</b>
1	Show willingness to provide clinical leadership to support work of nurses and multi-professionals			