

EDUCATION AND COMPETENCE For Oral Food Challenge

2018



Assessment of Competence for Nurses in the Care and Management of Infants and Children Undergoing Oral Food Challenge

DEFINITION

- Oral Food Challenge is the Gold Standard test used to determine allergy/tolerance in a patient with a suspected food allergy.
- A challenge may only be ordered by the Allergy Consultant.
- A challenge involves giving a child incrementally increasing volumes of a food under strict supervision in a hospital setting.
- The Nurse performing the challenge must remain with the patient at all times throughout the challenge, the Allergy Consultant is available on site at all times.

A NURSE PERFORMING ORAL FOOD CHALLENGES MUST:

- Hold valid registration with N.M.B.I.
- Have experience in caring for children with allergies.
- Hold up-to-date P.I.L.S.
- Be competent in performing Oral Food Challenges (or supervised by)

LEARNING OUTCOMES

Following completion of the competencies the nurse will demonstrate knowledge and competence in the care and management of a child undergoing an oral food challenge

COMPETENCE ASSESSMENT STRATEGY

To demonstrate practical competence and a sound knowledge base the nurse is required to complete this workbook and competency assessment pack. There are 6 components which will require that on at least three occasions the nurse will undergo assessment of competence for each component under the supervision of the assessor. The assessment grading system is outlined below.

If the candidate is unsuccessful on 1st assessment of competence, two further attempts at reassessment may be undertaken. An action plan will be developed and recorded by the assessor.

ACTION PLAN - The action plan must be documented and should detail the following:

- The area(s) of practice which require development as agreed by the nurse and the assessor
- Specific details of how these area(s) of practice will be addressed in the clinical area
- An agreed period of time for further supervised practice

GUIDE FOR ASSESSORS

An assessor must be a Doctor or Nurse who is deemed competent in the management of infants and children before, during, and after an oral food challenge. When undertaking supervision of nurses and for the final assessment of competence, it is recommended that the learning outcomes and domains of competence as outlined in the workbook are used as a guide.

ASSESSMENT GRADING SYSTEM		GRADE
Learning experience not available.		0
Limited knowledge, observed demonstration of the skill but doubt ability to perform skill safely without guidance/direction.		1
Could perform a challenge safely under supervision of the Allergy C.N.S. and Allergy Consultant.		2
Can utilise knowledge and perform a challenge safely, independently, under the supervision of assessor.		3
Confident and competent of the knowledge required and ability to perform a challenge safely under the superintendence of the Allergy Consultant on site.		4

DOMAINS OF COMPETENCE	
Domain 1	Competencies in relation to Professional / Ethical Practice
Domain 2	Competencies in relation to the Holistic approaches to Care and the Integration of Knowledge
Domain 3	Competencies in relation to Interpersonal Relationships
Domain 4	Competencies in relation to the Organisation and Management of Care
Domain 5	Competencies in relation to Personal and Professional Development

Domain	Complete on at least 3 occasions	Signature			Assessor		
1. Management of a child / infant having an oral food challenge							
Demonstrate knowledge of the role of a food challenge in allergy diagnosis		<i>Date</i>	<i>Date</i>	<i>Date</i>	<i>Date</i>	<i>Date</i>	<i>Date</i>
1, 2	Demonstrate understanding of different types of challenges: open/single blinded and double blinded						
1,2	Knowledge and understanding of the signs and symptoms of mild allergic reaction						
1,2	Knowledge and understanding of the signs and symptoms of anaphylaxis						
1, 2, 4	Understand the factors which may affect the outcome of the challenge						
1,2,	Understanding of risks involved in performing oral food challenge						
1,2,4	Explain how you would prepare for and minimise these risks						
Preparing for a Food Challenge							
1,2,3,4	Demonstrate knowledge of pre-admission routine: <ul style="list-style-type: none"> • Arranging admission through the I.W.L.; • Pre-ordering any food that may be required; • ordering emergency medication 						
1,2,4	Demonstrate the preparation of the clinical area: <ul style="list-style-type: none"> • Working oxygen supply • Suction apparatus • Emergency medications 						
1,2,3	Explanation of the procedure to the child and parent ensuring they have an understanding of the procedure						
3,4	Allow time for, and encourage questions if required.						
1,2,4	Skin prick testing may be required (refer to Skin Prick Test competencies)						
1,2	Demonstrate ability to evaluate any potential risk, eg. other food in vicinity which may pose risk						
1, 2,3, 4	Demonstrate ability to assess suitability for challenge by full set of checks: <ul style="list-style-type: none"> • Temperature, pulse. Blood pressure and O2 						

	saturation; PEWs <ul style="list-style-type: none"> • Complete examination of skin; • Observe for any signs which may affect interpretation of the outcome; • Ensure that no contra-indicating medications have been taken 							
Care of a child / infant during Oral Food Challenge								
1,2, 3	Ensure the required elements for the challenge are available							
1, 2, 3	Understand and can describe the principles of hand hygiene							
1, 2, 3	Understand and can describe the principles of Universal precautions							
1,2,3,5	Demonstrates ability to carry out a challenge as per protocol.							
1,2,4	Participate in completing the pre-challenge checklist with the admitting doctor and reconcile any previously identified concerns							
1,2,4	Demonstrate ability to continuously monitor and assess the patient during the challenge							
1,2,4	Demonstrate ability to identify symptoms of possible reaction							
1,2,4,	Show familiarity with the oral food challenge symptom scoring tool							
1,2,4	Demonstrate understanding of the importance of timely recording of activity during the challenge							
1,2,3,4	Demonstrate ability to liaise with the medical team regarding any change in the child's condition							
1,2,4	Demonstrate understanding of medications that may be used to treat an allergic reaction							
1,2,3	Demonstrate ability to provide information and support to the child/family throughout the challenge							
Care of a child / infant during an Anaphylactic Reaction								
1,2	Understand signs and symptoms of anaphylaxis							
1,2	Demonstrate ability to deliver Adrenaline Autoinjector							
1,2	Demonstrate an understanding of medications that may be used to treat anaphylaxis							
1,2,	Show familiarity with the Anaphylaxis Algorithm as proscribed by the Resuscitation Department							

1,2,	Demonstrate ability to monitor closely and asses child/infant during an anaphylactic reaction						
1,2,3	Demonstrate ability to communicate effectively with the medical team						
1,2,3	Demonstrate ability to provide support to the child and family during reaction						
Care of a child / infant following Oral Food Challenge							
1,2,3,5	Ensure parents/child have a full understanding of the outcome of the challenge						
1,2,3,5	Identify any gaps in parents' knowledge about living with food allergies; Answer questions; Inform doctor of queries from parents						
1,2,4	Understand and can describe the principles of sharps disposal						
1,2,4	Understand and can describe the principles of waste disposal.						
1,2,4	Educate child and parents in the use of Adrenaline Auto injectors if appropriate						
1,2,5	Demonstrate knowledge of complications that can arise following discharge after food challenge						
1,2,4,5	Demonstrate knowledge and skill in troubleshooting complications that can arise with individual patients						
1,4	Demonstrate correct use of relevant documentation Complete pre discharge checklist						
1,4	knowledge of procedure to arrange clinic follow-up or further challenge						
5	Uses experience to reflect on practise and introduce change/modification where it will benefit the service and it's users						
2,5	10 or more food challenges performed						

LEARNING PLAN

Learning Plan No. 1 (if unsuccessful at 1st Assessment)

.....

.....

.....

Re-assessment of Competence (Please circle as appropriate)

Demonstrates Competence: **Yes** **No**

Signature of Assessor: _____ **Date:** _____

Signature of Candidate: _____ **Date:** _____

If candidate is **unsuccessful** refer to **Action Plan No. 2**

Learning Plan No. 2 (if unsuccessful at 2nd Assessment)

.....

.....

.....

Re-assessment of Competence (Please circle as appropriate)

Demonstrates Competence **Yes** **No**

Signature of Assessor: _____ **Date:** _____

Signature of Candidate: _____ **Date:** _____



Our Lady's Children's Hospital, Crumlin, Dublin 12

COMPLETION OF COMPETENCE ASSESSMENT

in the supervision of the Management of infants and children with urological conditions.

Summary Sheet

Full Name: _____ Date: _____

NMBI Number: _____ Clinical Area/Unit: _____

The nurses' practice has been supervised on three occasions and he/she has completed the competence assessment in the following	Date	Signature of Assessor

Outcome of Assessment: (Please tick ✓ as appropriate)

Demonstrates Competence: Yes No

Signature of Assessor: _____ **Date:** _____

Signature of Candidate: _____ **Date:** _____

If candidate is **unsuccessful** refer to **Learning Plan**. Appendix 1

It is advisable to keep a copy of summary sheet for one's own personal records/portfolio.