

CHS15 Insert and secure nasogastric tubes

Candidate name: _____

Candidate PIN: _____

Assessor: _____

Expert witness (where relevant): _____

Internal verifier: _____

About this workforce competence

This workforce competence covers the insertion of nasogastric tubes following agreed protocols and procedures as and when directed by a competent practitioner.

All of these activities must be undertaken using an aseptic technique

Care following the insertion of nasogastric tubes and the removal of nasogastric tubes is covered in CHS16 Undertake care for individuals with nasogastric tubes.

Nasogastric feeding is covered in CHS17: Carry out extended feeding techniques to ensure individual's nutritional and fluid intake.

Links

This workforce competence links with the following dimensions and levels within the NHS Knowledge and Skills Framework (October 2004).

Dimension: HWB5: Provision of Care to Meet Health and Wellbeing Needs.

Level: 3

Origins

This is a new workforce competence developed for Clinical Healthcare Support by Skills for Health.

Evidence requirements for this competence

SPECIFIC EVIDENCE REQUIREMENTS FOR THIS COMPETENCE – CHS15 – INSERT AND SECURE NASOGASTRIC TUBES
Simulation:
<ul style="list-style-type: none">Simulation is NOT permitted for any part of this competence.
The following forms of evidence are required:
<ul style="list-style-type: none">Direct observation: your assessor/expert witness must observe you in real work activities which provide evidence for a significant number of the performance criteria for this competence. You should be observed while working with individuals who are require nasogastric tube treatment, including how you take all the necessary standard safety precautions to do this. The observation should also include how you relate to individuals and communicate with them.Reflective accounts/professional discussion: these will be descriptions of your practice in undertaking insertion and securing of nasogastric tubes and monitoring and recording this. You should include how you assessed any possible risk to the individual, and how you communicated with individuals at all times to reassure them.
Competence of performance and knowledge could also be demonstrated using a variety of evidence from the following:
<ul style="list-style-type: none">Questioning: may be used to provide evidence of knowledge, legislation, policies and procedures which cannot be fully evidenced through direct observation or reflective accounts. In addition the assessor/expert witness may ask questions to clarify aspects of your practice.Witness testimony: can be a confirmation or authentication of the activities described in your evidence which your assessor has not seen. This could be provided by a work colleague or individual.Work products: such as organisational policy and procedures in relation to prescribed procedures for this competence, any reports or entries in the care plans of individuals detailing any specific instructions re their requirements for nasogastric tube insertion. NB: Confidential records are not required to be in your portfolio, they can remain where they are normally stored and be checked by your assessors and verifiers. If they are included they must be made anonymous.APL/assignment/project: you may have already completed a project or assignment from a vocationally related qualification; you may also have evidence from other training, eg dietetics, moving and handling, health and safety, infection control, personal protective clothing/equipment, pressure area care course, reporting and recording, COSHH, communication.
GENERAL GUIDANCE
<ul style="list-style-type: none">Prior to commencing this competence you should agree and complete an assessment plan with your assessor which details the assessment methods you will be using, and the tasks you will be undertaking to demonstrate your competence.Evidence must be provided for all of the performance criteria, all of the knowledge and the parts of the scope that are relevant to your job role.The evidence must reflect the policies and procedures of your workplace and be linked to current legislation, values and the principles of best practice within health and care settings. This will include the national service standards and/or knowledge and skills framework for your areas of work and the individuals you care for.All evidence must relate to your own work practice.

Key words and concepts

Additional protective equipment	Includes: types of personal protective equipment such as visors, protective eyewear and radiation protective equipment.
Aspirate	The fluid contents of the stomach or small intestine that has been siphoned through the nasogastric tube.
Contaminated	Includes items contaminated with body fluids, chemicals or radionuclides. Any pack/item opened and not used should be treated as contaminated.
Individual	The individual is anyone who has been assessed as requiring a nasogastric tube to be inserted, in the context of this competence the individual will always be an adult.
Personal protective clothing	Includes items such as plastic aprons, gloves – both clean and sterile, eyewear, footwear, dresses, trousers and shirts and all-in-one trouser suits and gowns. These may be single use disposable clothing or reusable clothing.
Protocol	A set of guided instructions on the action to be followed in relation to inserting and securing nasogastric tubes, usually developed and quality assured through and by your employing organisation.
Reasons for insertion of nasogastric tubes	Include: <ul style="list-style-type: none">• prior to surgery• to prevent skin break down• urinary retention• burns• diagnostic procedures• renal failure• acutely ill individuals.

Scope:	Assessor to insert date each time competence is achieved
<p>Adverse effects include:</p> <p>a fear/apprehension</p> <p>b pain</p> <p>c failure to pass the nasogastric tube</p> <p>d asphyxiation</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>
<p>Appropriate action includes:</p> <p>a reporting immediately to a person more competent to deal with the situation</p> <p>b stopping the procedure using the emergency alarm system</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p>
<p>Documents and records include:</p> <p>a written notes</p> <p>b charts</p> <p>c graphs</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>
<p>Equipment and materials includes:</p> <p>a cleaning fluids</p> <p>b local anaesthetic agents</p> <p>c nasogastric tubes</p> <p>d spigots/drainage bags</p> <p>e fluid balance charts</p> <p>f sterile gloves</p> <p>g jugs</p> <p>h pH paper</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>

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Scope:	Assessor to insert date each time competence is achieved
<p>Relevant information includes:</p> <p>a type of nasogastric tube used <input type="checkbox"/></p> <p>b method used for securing nasogastric tube in position <input type="checkbox"/></p> <p>c aspirate from nasogastric tube <input type="checkbox"/></p> <p>d recording documentation <input type="checkbox"/></p> <p>e written procedures and protocols <input type="checkbox"/></p>	
<p>Standard precautions and health and safety measures A series of interventions which will minimise or prevent infection and cross infection, including:</p> <p>a hand washing/cleansing before during and after the activity <input type="checkbox"/></p> <p>b the use of personal protective clothing and additional protective equipment when appropriate <input type="checkbox"/></p> <p>it also includes:</p> <p>a handling contaminated items <input type="checkbox"/></p> <p>b disposing of waste <input type="checkbox"/></p> <p>c safe moving and handling techniques <input type="checkbox"/></p> <p>d untoward incident procedures <input type="checkbox"/></p>	

Evidence achievement record

CHS 15 Insert and secure nasogastric tubes

Performance criteria	Assessor to insert date each time competence is achieved
You need to:	
1 apply standard precautions for infection control and take other appropriate health and safety measures	<input type="text"/>
2 give the individual relevant information, support and reassurance in a manner which is sensitive to their needs and concerns	<input type="text"/>
3 gain informed consent to insert the nasogastric tube	<input type="text"/>
4 select and confirm all equipment and materials for inserting the nasogastric tube is:	
a appropriate to the procedure	<input type="text"/>
b fit for purpose	<input type="text"/>
5 ensure the individual is positioned in a way that will:	
a ensure their safety and comfort	<input type="text"/>
b facilitate insertion of the nasogastric tube	<input type="text"/>
6 insert the nasogastric tube in compliance with the correct protocols and procedures:	
a at an appropriate time according to the individual's plan of care	<input type="text"/>
b using appropriate techniques	<input type="text"/>
c using equipment in line with manufacturer's instructions in a manner which optimises the patient's comfort and dignity and minimises pain and trauma	<input type="text"/>
7 observe the individual throughout the activity, recognise and report any condition or behaviour which may signify adverse reactions to the activity and take the appropriate action	<input type="text"/>
8 ensure the nasogastric tube is correctly positioned in the stomach	<input type="text"/>
9 ensure the drainage bags are securely attached in a way that prevent discomfort and promotes dignity of the individual	<input type="text"/>
10 ensure the individual is made comfortable following insertion of the nasogastric tube and dispose of waste according to agreed procedures	<input type="text"/>

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Performance criteria	Assessor to insert date each time competence is achieved
You need to:	
11 observe nasogastric aspirate for any change in appearance and promptly inform the appropriate member of the care team	<input type="text"/>
12 measure and record the volume of aspirate and correctly using the required documentation	<input type="text"/>
13 seek assistance promptly from an appropriate person should it be required at any stage	<input type="text"/>
14 record clearly, accurately, and correctly any relevant information in the necessary records	<input type="text"/>

Knowledge evidence record

CHS15 Insert and secure nasogastric tubes

Evidence key:					
EI	Evidence index number	O	Observation	P	Personal statement
WT	Witness testimony	PD	Professional discussion	APL	Accreditation of prior learning
Q&A	Questions and answers	EWE	Expert witness evidence		

Knowledge and understanding for this competence	Type of Evidence											
	EI	O	P	WT	PD	APL	Q&A	EWE				
You need to apply:												
Legislation, policy and good practice												
K1	A factual awareness of the current European and national legislation, national guidelines and local policies and protocols which affect your work practice in relation to inserting nasogastric tubes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K2	A working understanding of your responsibilities and accountability in relation to the current European and national legislation and local policies and protocols				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K3	A factual awareness of the importance of working within your own sphere of competence when and seeking advice when faced with situations outside your sphere of competence				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K4	A factual awareness of the conditions and constraints which might denote who undertakes this procedure and why				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K5	A working understanding of the importance of applying standard precautions and the potential consequences of poor practice				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K6	An in-depth understanding of what informed consent means and why it must be obtained and confirmed prior to actions being taken				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anatomy and physiology and pathology												
K7	An in-depth understanding of the anatomy of the upper gastro-intestinal tract in relation to inserting nasogastric tubes				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K8	An in-depth understanding of the physiology of the stomach and small intestine in relation to potential contents of gastric aspirate				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Knowledge and understanding for this competence	Type of Evidence							
	EI	O	P	WT	PD	APL	Q&A	EWE
You need to apply:								
K9 A working understanding of:								
a the normal appearance and content of stomach/intestinal fluid								
b potential abnormal appearance and content of stomach/intestinal fluid depending on the individual's presenting medical condition								
K10 A working understanding of potential sources of contamination when inserting nasogastric tubes and appropriate measures to reduce or deal with them								
K11 A working understanding of the types and of pathogens specific to the upper gastrointestinal tract								
K12 A working understanding of the potential consequences of contamination of equipment and materials used for the insertion of nasogastric tubes								
K13 A working understanding of how aseptic technique contributes to the control of infection								
Care and support of the individual								
K14 A working understanding of why individuals should be supported and told about the nature of the insertion of the nasogastric tube								
K15 A working understanding of the concerns and worries which individuals or client groups may have in relation to some clinical procedures								
K16 A working understanding of the contra-indications which suggest that you need to stop and seek help and advice and how these may differ for different individuals, conditions and those from different ethnic groups								
K17 A working understanding of the adverse effects which may occur during and following procedures and how to identify and deal with these								
K18 A working understanding of the importance of offering effective verbal and non-verbal support and reassurance to patients when you insert nasogastric tubes								

Continued overleaf

Knowledge and understanding for this competence	Type of Evidence							
	EI	O	P	WT	PD	APL	Q&A	EWE
You need to apply:								
K19 A working understanding of the effective methods of providing verbal and non-verbal support and reassurance to patients	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Materials and equipment								
K20 An in-depth understanding of the types of nasogastric tubes that can be used and why you should select that most appropriate for the individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K21 A working understanding of the local anaesthetic agents available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Procedures and techniques								
K22 A working understanding of the importance of maintaining the correct level of cleanliness for the insertion of nasogastric tubes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K23 A working understanding of the importance of following procedures for the insertion of nasogastric tubes exactly as specified, and the potential effects of not doing so	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K24 A working understanding of the importance of packing up used equipment and materials and covering receptacles containing nasogastric aspirate prior to leaving the immediate care area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K25 A working understanding of how and where to dispose of: a used equipment and materials b nasogastric aspirate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Records and documentation								
K26 A factual awareness of why questions which are beyond your role or knowledge need to be passed onto the appropriate member of the care team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K27 A working understanding of the importance of immediately reporting any issues which are outside your own sphere of competence without delay to the relevant member of staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K28 A working understanding of: a the importance of keeping accurate and up to date records b the specific records required for reporting on the insertion of nasogastric tubes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>