

## Objectives explained

These are mapped against the relevant IACSD syllabus/es (knowledge, skills, attitudes and behaviours).

### Knowledge and Critical Understanding

- Maintain accurate, contemporaneous records
- Understand and identify the causes, signs and symptoms of dental anxiety and the range of anxiety management techniques
- Understand the anatomy and physiology in relation to HIS
- Understand the physical properties and pharmacology of nitrous oxide
- Recognise the importance of regular team-based medical emergency scenario training including airway management and the use of an AED

### Intellectual Skills

- Understand and apply the principle of informed consent
- Work within the legal and governance framework of the Trust and their policies
- Understand the indications and advantages of IHS and the contraindications and disadvantages
- To utilise work base placed assessments to facilitate recognition of own limitations, to self-reflect on experiences and to appreciate the need for continuing education
- To be able to understand and explain the concept of and effectively work within the 'multi-disciplinary' sedation team

### Practical Skills

- Provide inhalation conscious sedation in a safe and effective manner in line with national and local guidelines and policy
- Carry out IHS preassessment
- Carry out a full patient medical, social and dental patient assessment to assess a patient's suitability for IHS and identify factors which may impact on the safe delivery of HIS
- Give an age-appropriate explanation of IHS, pre- and post-operative instructions and use appropriate patient information leaflets
- Identify the signs and symptoms of the optimum level of sedation and oversedation
- Monitor patients clinically: colour, respiration and level of consciousness
- Check the function and safety features of the IHS and scavenging system
- Assess patients for discharge and give post-operative information
- Recognise and manage sedation related complications

### Personal Attitude & Professionalism

- Recognise the importance of continuous professional development, maintain a personal portfolio, participate in audit and feedback
- Maintain patient confidentiality
- Participate in clinical governance, audit and report untoward incidents or near misses
- Assemble the IHS delivery system and machine
- Meet CPD requirements and maintain a log book of conscious sedation
- To demonstrate a calm empathetic approach to patient care, and to demonstrate effective communication skills