

## Dental Postgraduate Department

### Update on Inhalational sedation

Mon 8 Sep 2025, from 14:00 till 17:00 with 3:00 hours CPD

Virtual (MS Teams)

Course Organiser:  
Samantha Braddock NHSE SW

Course Lecturers:  
Victoria K.A Swan

#### **Programme**

2pm	Start Time
2-3.30pm	Session 1: <ul style="list-style-type: none"><li>• Introduction</li><li>• Anatomy, physiology &amp; pharmacology</li><li>• Patient assessment</li><li>• IHS Part 1: IHS machine, breathing systems, gas storage&amp; scavenging</li></ul>
3.30-3.45pm	Comfort break
3.45-5pm	Session 2: <ul style="list-style-type: none"><li>• IHS part 2: clinical techniques, complications</li><li>• IACSD standards (2020)</li><li>• Cases</li><li>• Sustainability</li><li>• Questions/ discussion</li></ul>

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### Aim:

The course aims to provide participants with an update on providing inhalational sedation for dental treatment.

### Course Objectives:

By the end of the course participants should:

1. describe the relevant anatomy, physiology and pharmacology of nitrous oxide.
2. explain how to carry out a patient assessment
3. identify the relevant components of the machine, breathing systems and scavenging required to deliver safe inhalation sedation.
4. describe clinical techniques and complications
5. list the Standards applied to Inhalation sedation
6. recognise the sustainability issues associated with the use of nitrous oxide.

### Learning Outcomes:

- An updated knowledge on the provision of safe and effective inhalation sedation.
- Gain confidence in the safe administration of nitrous oxide.
- Be more confident in carrying out a patient assessment and dealing with potential complications.
- Appreciate the environmental impacts of the use of this gas

### GDC development outcome: C

The eGDC activity log suggests reflecting on the following during and after this course:

- What did you learn (or confirm) from the activity that was helpful or relevant to your daily work and patients?
- Did you identify any changes/updates needed in your daily work, and if so, what? How did you make these changes?
- If you didn't identify changes needed, what did the activity confirm for you, that you may already know or be doing?
- What was the benefit to your work and/or your patients in carrying out this activity?