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Addysg a Gwella Iechyd
Cymru (AaGIC)
Health Education and
Improvement Wales (HEIW)

DENTAL POSTGRADUATE SECTION

IN-PRACTICE TRAINING

**Cardiopulmonary Resuscitation
Automated External Defibrillation and the
recognition and management of common medical
emergencies**

SUPPORTING INFORMATION FOR PRACTICAL SESSION

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MEDICAL EMERGENCY FLOWCHARTS	
• SEE SEPARATE DOCUMENT	

CONTACT DETAILS

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AIMS AND OBJECTIVES

Aim

- To provide training in adult and paediatric basic life support, for the whole dental team, as specified by the most recent Resuscitation Council (UK) Standards.

Learning Objectives

By the end of the training session the participants should be able to:

- ◆ Demonstrate the primary survey of a collapsed patient using the DRABCDE approach, while ensuring safety of staff and patients
- ◆ Demonstrate effective Cardio-Pulmonary Resuscitation and safe use of an Automated External Defibrillator
- ◆ Explain the use of basic airway adjuncts, supplemental oxygen
- ◆ Be aware of the use of pocket mask and self-inflating mask
- ◆ Be aware of the management of anaphylaxis

Verifiable CPD & Development Outcome

This activity has been quality assured and meets the GDC's educational criteria for 1 hours of verifiable CPD

This activity maps to GDC Development outcome A and C

IN PRACTICE TRAINING PROGRAMME – CONTENT

**The GDC recommends that you do at least 2 hours of this training every year
and 10 hours in your 5 year CPD cycle**

- **Adult Basic Life Support including Paediatric modifications**

- Current Adult Resuscitation Council Standards
- Considerations when undertaking resuscitation in a dental chair
- Recovery position
- Use of bag valve mask (two person) – optional
- Oxygen therapy
- Use of suction, including portable suction
- Use of oro-pharyngeal airways
- Use of pocket masks (with O₂ therapy)
- Use of Automated External Defibrillator
- Practice skills on manikin
- Team scenario practice
- Awareness of:
 - the drugs used in emergencies
 - the recognition and treatment of Anaphylaxis
 - cardiac arrest in pregnancy
 - use of a Pulse Oximeter

- **Review of Adult and Paediatric Basic Life Support**

- Review of previous sessions
- Changes in guidelines since last session
- Practice Skills on manikin
- Team scenario practice in various areas of the dental practice

A detailed training session is available in Postgraduate Centres around Wales entitled 'The clinical management of medical emergencies including the administration of medication**'. There is also an online Medical Emergencies training module available on the Y Ty Dysgu site. This online learning compliments the in practice training session and helps you to prepare for the hands-on aspect of your learning and development ([Sign up - Ytydysgu Heiw](#)).**

DRUGS

TO BE HELD AT DENTAL PRACTICES FOR MEDICAL EMERGENCIES

Here is the link to the BNF guidance on emergency drugs in a dental practice -
<https://bnf.nice.org.uk/guidance/prescribing-in-dental-practice.html>

EQUIPMENT

EQUIPMENT

Here is the link to the Resuscitation Council guidance that outlines the equipment required within a dental practice - <https://www.resus.org.uk/quality-standards/primary-dental-care-equipment-list/>

****Regularly check items are within expiry date and packaging intact****