

Audit Tool: Emergency Drugs and Equipment



irish dental association
Cumann Fiaclóireachta na hÉireann

Standards:

- The practice should have the appropriate equipment and drugs to cope with a medical emergency. The equipment and drugs must be within the dental practitioner's acquired training in this field, which must be regularly updated and should take account of the particular circumstances of the practice.
- There should be systems in place to monitor the availability, ability to use, and servicing arrangements for the appropriate emergency equipment and drugs.
Before commencing the audit, you may wish to perform a risk assessment of your practice, e.g., age profile of patient base or distance from local emergency services.

SURGERY

DATE

REVIEW DATE

AUDITOR (PRINT NAME)

PART 1: EMERGENCY DRUGS.

Drug	Present and complete	Absent	In date	Reason for absence if appropriate
Anaphylaxis				
Adrenaline 1:1,000:				
■ Epipen or				
■ Anapen				
If your practice is more than 15 minutes from the nearest emergency services you may consider:				
Hydrocortisone				
100mg/1ml ampoule				
Chlorphenamine:				
■ 4mg tablet (Piriton)				
■ 10mg/1ml injection				
Epilepsy/seizure				
Midazolam x 5:				
■ 5mg/ml				
■ 2mg/ml				
Hypoglycaemia				
Glucose:				
■ Powder/gel				
■ Sugar lump				
■ Drink				
Glucagon 1mg/ml injection				
Angina				
Glyceryl trinitrate pump spray:				
0.4mg per metered dose				
Asthma				
Salbutamol inhaler:				
0.1mg per metered dose				
Myocardial infarction				
Aspirin dispersible				
300mg x 5				
All				
Oxygen				
To deliver 10L/min				
Minimum size D cylinder				

PART 2: EMERGENCY EQUIPMENT

Equipment	Present and complete	Absent	In date	Reason for absence if appropriate
Oxygen cylinder (minimum size D) with: 1. regulator 2. mask 3. connectors (Consider larger cylinder size if distant from emergency services.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Pocket mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Self-inflating bag valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Oropharyngeal airway size 1,2,3,4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Spacer device for inhalers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First aid box with eye bath	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Syringes 2ml x 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Needles 23g x 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
AED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

PART 3: SYSTEMS FOR USE OF EQUIPMENT AND DRUGS

	Yes	No	N/A	Comments
1 Is there an inventory of all emergency drugs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
2 Does this include a record of expiry date, batch no., the date the drug was last changed, and record of administration of any of the drugs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
3 Is there a system in place to indicate when a drug is to be renewed, e.g., colour coding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
4 Is there a system in place for the safe disposal of expired drugs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
5 Is there a system in place to ensure compliance with pharmaceutical hazard recall?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
6 Is there a designated trained person to check the drugs on a regular basis (minimum three monthly)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
7 Are the drugs and inventory checked on an annual basis by a nominated dentist in the practice?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
8 Is the oxygen checked on a regular basis for leakage and is there a record of this (minimum two monthly)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
9 Is there sufficient oxygen in the cylinder in case of an emergency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
10 Is there a service arrangement for the oxygen delivery systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
11 Are the emergency drugs close to hand, clearly visible, and immediately accessible and available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
12 Are they stored between 4° and 25°C?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
13 Are the dentists in the practice familiar with the drugs and their mode of use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
14 Has the team achieved the required amount of CPD in dealing with medical emergencies? (One hour/year – five hours/five years?)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
15 Is there a record of the CPR course attended by the appropriate members of the team?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
16 Are emergency contact numbers readily accessible to all staff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
17 Is the staff trained and competent in their use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>