BDA
British Dental Association

Walsall Healthcare NHS
NHS Trust

EMERGENCY DRUGS IN THE DENTAL PRACTICE

Drug	Indication	Adult Dose & Route	Paediatric Dose & Route
Adrenaline	Anaphylaxis	500 micrograms (0.5 mls 1:1000) IM May be repeated at 5 min intervals if no improvement	**<6 yrs:** 150 micrograms (0.15 mls 1:1000) IM **6-12 yrs:** 300 micrograms (0.3 mls 1:1000) IM **>12 yrs:** 500 micrograms (0.5 mls 1:1000) IM May be repeated at 5 min intervals if no improvement
Aspirin	Suspected heart attack	300 mg oral (crushed or chewed)	N/A
Glucagon	Hypoglycaemia (patient unable to swallow safely e.g. unconscious)	1 mg IM	**<8 yrs (or <25 kg):** 0.5 mg IM **>8yrs (or >25 kg):** 1 mg IM
Glucose (fast acting)	Hypoglycaemia (patient co-operative & able to swallow safely)	15-20g fast acting glucose e.g. 3-4 glucose tablets, glass of orange juice or glucose gel	Dose as for adults
Glyceryl Trinitrate Spray	Angina or suspected heart attack	2 actuations sublingually	N/A
Midazolam	Prolonged convulsive seizures (≥ 5 minutes) or repeated seizures (≥ 3 in an hour)	Midazolam oromucosal solution can be given by the buccal route in adults as a single dose of 10 mg [unlicensed]	**1-5 years**: 5mg buccal **5-10 years:** 7.5mg buccal **> 10 years:** 10mg buccal
Short acting beta agonist (e.g. salbutamol) inhaler	Asthma attack	2 actuations inhaled Use spacer device if necessary Repeated doses may be necessary	Dose as for adults

References

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Further information is also available from the British Dental Association at www.bda.org/medicalemergencies

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