



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive



Clinical Advisory

To: Advanced Paramedics
c.c.: ECAT, NAS Leadership Team
From: Medical Director
Date: November 28th 2012
Subject: **EPINEPHRINE MINIJET UNAVAILABILITY**

Dear colleagues,

The Irish supplier of Epinephrine (1:10,000) Minijets has advised of a supply difficulty which may last several months. In the absence of this preparation, we are required to use Epinephrine (1:1,000) ampoules until the supply issue is rectified.

1:10,000 epinephrine which is given in a Cardiac Arrest is 0.1mg/ml

1:1000 epinephrine which is given for anaphylaxis is 1.0mg/ml

The 1mg amp can be diluted in 9ml to obtain the concentration of 0.1mg/ml or 1:10,000

Please see below for procedure for use of same.

Epinephrine Presentation: presented as 1mg in 1ml (1:1000) ampoules.

Procedure:

1. Draw the 1mg/1ml into a 10ml syringe
2. Add 9mls of Saline
3. This the gives 1mg/10ml
4. Administer and flush
5. It is also acceptable to use NaCl 10ml pre-filled syringes-discard 1ml of saline, draw up the 1mg/ml 1:1000 epinephrine, which again gives 1mg/10ml.
6. **In all cases it is important to shake or agitate the syringe to ensure that the solution is properly mixed.**

Questions on this should in the first instance be addressed to your Education and Competency Assurance Officer.

Dr Cathal O'Donnell
Medical Director