LIGNOCAINE (A)  
(Revised: January 2010)

TYPE:  
1. Local anaesthetic  
2. Anti-arrhythmic [S4]

PRESENTATION:  
50 mg in 5 ml – plastic ampoule

ACTIONS:  
1. Local anaesthetic effects  
2. Suppresses ventricular arrhythmias  

Onset S/C:  1 – 4 minutes  
Max effect:  5 – 10 minutes  
IV:  1 – 3 mins

USES:  
1. Local anaesthesia prior to invasive procedures  
2. VT with cardiac output, in patients who cannot have Amiodarone  
3. First flush for IO in an aware patient

ADVERSE EFFECTS:  
These effects are extremely unlikely in usual subcutaneous doses, especially if the syringe is continually aspirated. More likely if given IV.

1. C.N.S. effects  
   stimulation followed by depression, drowsiness, agitation, muscle twitching, seizures & coma

2. Cardiac effects  
   hypotension, bradycardia, heart block, asystole

CONTRA-INDICATIONS:  
Known hypersensitivity

PRECAUTIONS:  
Nil

DOSE:  
Local anaesthesia:  
Adult and Paediatric - up to 5 mls subcutaneously

VT with cardiac output:  
1 mg/kg – slow IV (over 2 minutes)

IO in an aware patient:  
Adult:  2 – 4 mls first flush  
Paediatric:  1 – 2 mls first flush