Small Group Teaching – Toxicology: Nasty Heart Drugs

1. A 22 year old female presents 2 hours following an intentional ingestion of 70 x 40mg propranolol tablets.

GCS 14, HR 60, BP 80/40

* What are the clinical features of propranolol toxicity?
* What are the ECG features of propranolol toxicity?
* Describe your management.

2. A 57 year old man presents 2 hours following an overdose of “a handful” of

verapamil XR 180mg.

GCS 15, HR 80, BP 110/60

* Describe your initial risk assessment.
* Three hours later his HR drops to 48, BP 80/50. Describe your management.

3. A 74 year old woman is brought to ED by her daughter with a 3/7 history of nausea and decreased mobility. Her initial investigations include a digoxin level of 3.2 nmol/L.

* What features of digoxin toxicity would you look for?
* Describe your investigations and management.
* What are the indications for digoxin immune Fab?