The systemic toxicity of local anaesthetics can manifest with various signs, including:

- **Signs Include:**
  1. Tinnitus
  2. Light headedness
  3. Visual disturbance
  4. Circumoral numbness
  5. Slurred speech
  6. Fine twitching of small muscles of the face and hands
  7. Drowsiness occurs in some patients

- **Convulsions may occur**

- **Other signs** are increased PR interval, AV dissociation, prolonged QRS, sinus bradycardia, ventricular fibrillation; bupivacaine is associated with VT & VF

1. **Maintain airway and give 100% O2**
2. **Intubate and ventilate if appropriate**
3. **Treat seizures with 50mg of thiopentone or 2.5mg of diazepam**
4. **For hypotension (which is rare in the absence of hypoxia) give ephedrine or aramine**
5. **For cardiac arrest with ventricular arrhythmias, bretylium 400-700mg IV is said to be the agent of choice**
6. **Intralipid can be given**
7. **ECMO CPR may be appropriate**

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