

**Surgical Sieve**

**V**ascular  
**I**nfective/inflammatory  
**T**raumatic  
**A**utoimmune  
**M**etabolic/toxic  
**I**atrogenic/idiopathic  
**N**eoplastic

**C**ongenital  
**D**egenerative  
**E**ndocrine  
**F**unctional (Psychiatric)

**Supportive Management**

**F**luid  
**A**nalgesia, antiemetics, antibiotics  
**S**ugar control  
**T**emperature control  
**I**ndwelling urinary catheter  
**N**aso-/orogastric tube  
**G**astric protection

**D**VT prophylaxis  
**O**xygen  
**P**sychiatric  
**E**lectrolytes  
**S**ocial support

**CT in Minor Head Injury (GCS 14-15) - Nexus II**

**B**ehaviour altered  
**E**mesis > 2  
**A**ge > 65  
**N**eurological deficits

**B**leeding risk - anticoags, aspirin  
**A**ltered consciousness  
**S**kull # suspected  
**H**aematoma of scalp

**Toxin-induced seizures**

**V**enlafaxine  
**I**soniazid  
**P**ethidine  
  
**O**rganophosphates  
**T**ricyclic antidepressants, tramadol  
**I**nsulin (hypoglycaemia)  
**S**ympathomimetics, salicylates, strychnine,  
 synthetic cannabinoids (Spice)

**C**ocaine, camphor, CO  
**A**mpetamines, anticholinergics, atypical  
 antipsychotics  
**M**ethylxanthines (theophylline, caffeine)  
**P**hencyclidine (PCP), propoxyphene  
**B**otanicals (e.g., water hemlock), bath salts,  
 BDZ withdrawal, bupropion  
**E**thanol withdrawal  
**L**ithium, lead  
**L**ignocaine, lindane

**Dialysable toxins**

**L**ithium - severe, chronic OD  
**C**arbamazepine - massive OD  
**K** (Potassium) OD - life-threatening hyperK<sup>+</sup>

**S**alicylates - severe late acute OD or chronic OD with ↓LOC

**T**heophylline

**A**lcohols (toxic): Ethylene glycol & methanol

**M**etformin-induced lactic acidosis

**P**henobarbitone - coma

**S**odium valproate - massive OD

### Serotonin Syndrome Drugs (usually >2 involved)

Venlafaxine	Antidepressants (SSRI, TCA, St. John's Wort)
Opioids (fentanyl, pethidine)	Li
Tramadol	LSD
Ecstasy + amphetamines	

### Na-channel Blockers (risk of ventricular dysrhythmias & seizures)

Antimalarials - chloroquine, quinine	Venlafaxine
Beta blocker - propanolol only	Ia (procainamide, quinidine) & Ic (flecainide) antiarrhythmics
Carbamazepine	TCA
Dextropropoxyphene	Antipsychotic - thioridazine
	LAs - bupivacaine, ropivacaine, cocaine

### Sources of bleeding in trauma

- Scalp
- Chest
- Abdomen
- Long bones
- Pelvis
- External
- Retroperitoneum