Cases where contribution to death was changed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | Original RCF | Final RCF | Agent | Error description |
| 47 years | Probably not responsible | Contributory | Insulin; dextrose | Put on insulin drip with resultant hypoglycemia (30 mg/dL) and hypotension at that time. Bedside readings of glucose were low, but confirmatory levels after 23 x ampules of D50W and a D20 infusion at 250 cc/hr were > 800 and > 3300 mg/dL. |
| 58 years | Unknown contribution | Contributory | Gadolinium isotope | Patient received gadolinium imaging through ventriculostomy with resultant status epilepticus. |
| 68 years | Unknown contribution | Contributory | Naltrexone | Patient on fentanyl infusion for 3 days received 50 mg naltrexone orally rather than 50 mg naloxone orally. Precipitated opioid withdrawal. |
| 68 years | Unknown contribution | Contributory | Digoxin | ESRD patient, digoxin level 5.2 after recent discharge, presented with hypotension. |
| 83 years | Unknown contribution | Contributory | Lidocaine | Patient received 6400 mg (160 mL of 4%) lidocaine during bronchoscopy. Experienced seizure and cardiac arrest. |
| 56 years | Clearly responsible | Contributory | Thiosulfate | Patient received incorrect route of thiosulfate for cyanide poisoning after being pulled from a house fire in cardiac arrest. Likely died from exposures due to house fire, not thiosulfate error. |

RCF, relative contribution to fatality

Cases where more than one substance were coded

|  |  |
| --- | --- |
| Drug 1 | Drug 2 |
| CO2 | Nitrous oxide |
| Nifedipine | Beta-blocker |
| Phenytoin | Warfarin |
| Gemfibrozil | Cerivastatin |
| Metoprolol | Diltiazem |
| Morphine | Promethazine |
| Nalbuphine | Methadone |
| Bupivacaine | Lidocaine |
| Diltiazem | Diltiazem |
| Phenytoin | Activated charcoal |
| Total parenteral nutrition | Parenteral amino acids |
| Diazepam | Phentermine |
| Verapamil | Atenolol |
| Lidocaine | Activated charcoal |
| Lidocaine | Bupivacaine |
| Phosphenytoin | Lorazepam |
| Timolol | Metoprolol |
| Amlodipine | Carvedilol |
| Haloperidol | Ethanol |
| Lidocaine | Benzalkonium chloride |
| Enoxaparin | Fondaparinux |
| Meperidine | Hydromorphone |
| Bupivacaine | Hydromorphone |
|  |
| Drug 1 | Drug 2 | Drug 3 |
| Clozapine | Morphine | Lorazepam |
| Fentanyl | Hydromorphone | Diphenhydramine |
| Midazolam | Heroin | Phenobarbital |
| Carvedilol | Lisinopril | Furosemide |
| Amlodipine | Amiodarone | Metoprolol |
| Activated charcoal | Acetaminophen | Ethanol |
| Acetylcysteine | Oxycodone/acetaminophen | Alprazolam |
| Lithium | Fentanyl | Valproic acid |
| Fentanyl | Diazepam | Gabapentin |
| Linezolid | Fluoxetine | Duloxetine |
|  |
| Drug 1 | Drug 2 | Drug 3 | Drug 4 |
| Florastor | Phoslo | Unk otc | Antibiotic |
|  |
| Drug 1 | Diltiazem | Drug 1 | Diltiazem |
| Drug 2 | Diltiazem | Drug 2 | Atenolol |
| Drug 3 | Diltiazem | Drug 3 | Rosiglitazone |
| Drug 4 | Carvedilol | Drug 4 | Clopidogrel |
| Drug 5 | Nitroglycerin | Drug 5 | Hydrochlorothiazide |
|  |  | Drug 6 | Levothyroxine  |
|  |
| Drug 1 | topiramate | Drug 1 | diltiazem |
| Drug 2 | valproic acid | Drug 2 | carvedilol |
| Drug 3 | carbamazepine | Drug 3 | metoprolol |
| Drug 4 | benztropine | Drug 4 | nifedipine |
| Drug 5 | risperidone | Drug 5 | hydralazine |
| Drug 6 | IBUPROFEN | Drug 6 | Isosorbide Mononitrate |
| Drug 7 | Unknown H2 blocker | Drug 7 | clonidine |
|  |  | Drug 8 | terazosin |
|  |  | Drug 9 | clorazepate |

Drug numbers are substance rank order according to submission to the National Poison Data System