Additional file 2. Flow of study data.

- **Drug administration database**
  - 69,730 drug & fluid administrations in a 23 month period

- **Excluded**
  - 38,321 infusion fluid administrations
  - 4,251 parenteral nutrition administrations
  - 639 drug administrations not in top 35 of drugs
  - 446 unknown drugs
  - 415 non-drugs

- **Drug administration database**
  - 25,659 single drug administrations

  Converted to hourly drug co-administrations

- **175,993 1h drug co-administrations**