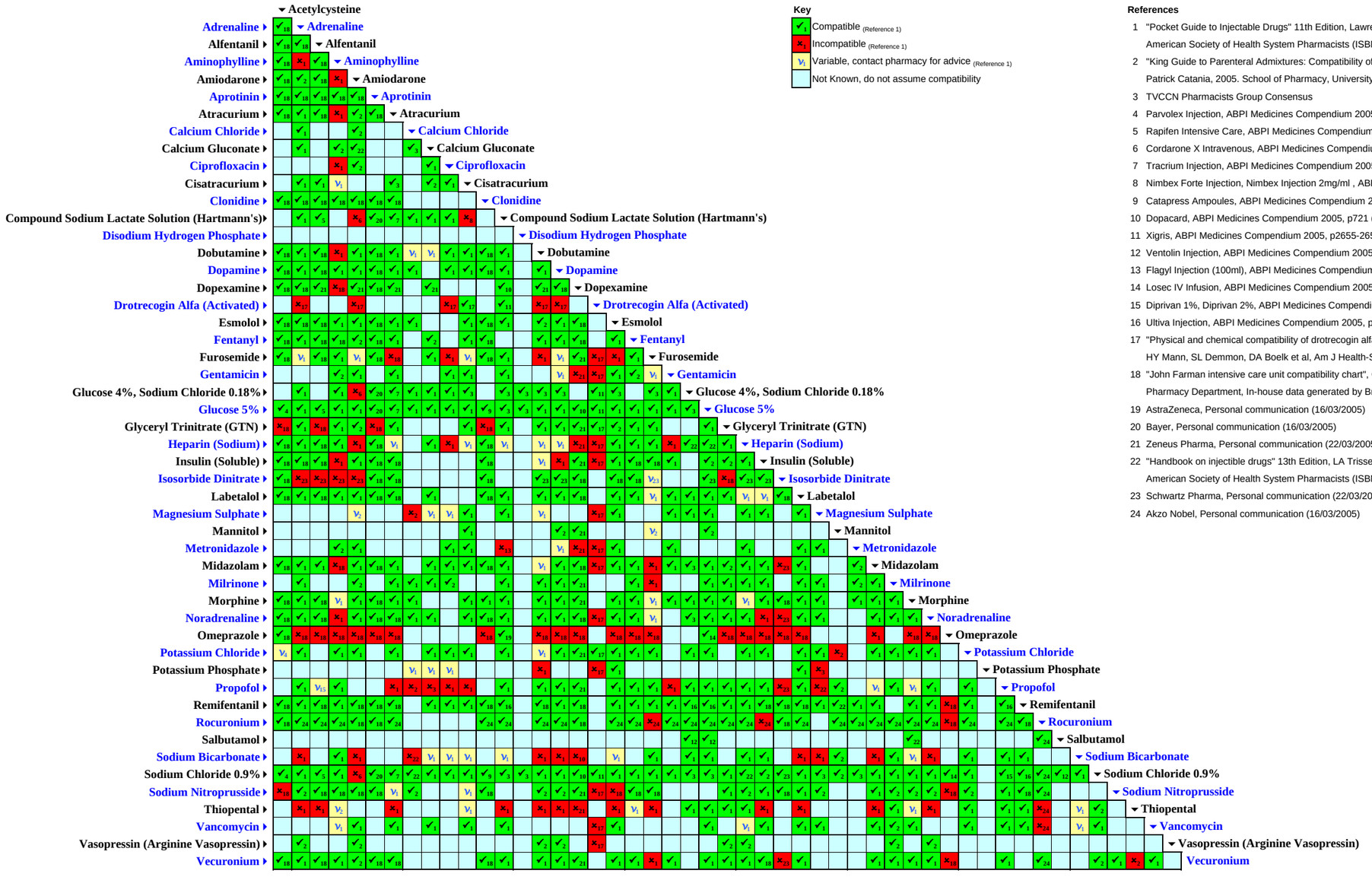
Thames Valley Y-Site Intravenous Drugs Compatibility Chart (November 2005)

Prepared by the Thames Valley Critical Care Network Pharmacists Group*

Note:

This table can be used for Y-site compatibility at the usual manufacturers concentrations. You should also ensure that the drugs checked are compatible in terms of carrier fluid

This table gives information for *two drug combinations only* . It can not be extrapolated to three drug combinations
Use of higher than the manufacturers recommended concentrations (eg in fluid restriction) may affect compatibility
The majority of sources cited define compatibility by physical compatibility rather than chemical compatibility
This table is a guide only. Full information can be obtained from your pharmacy department



Key

- Compatible (Reference 1)
- Incompatible (Reference 1)
- Variable, contact pharmacy for advice (Reference 1)
- Not Known, do not assume compatibility

References

1 "Pocket Guide to Injectable Drugs" 11th Edition, Lawrence Trissel, 2001. American Society of Health System Pharmacists (ISBN 1-58528-023-2)
2 "King Guide to Parenteral Admixtures: Compatibility of Critical Care Admixtures 2005", Patrick Catania, 2005. School of Pharmacy, University of the Pacific (www.kingguide.com)
3 TVCCN Pharmacists Group Consensus
4 Parvolex Injection, ABPI Medicines Compendium 2005, p1840-1841 (ISBN 0-0907102-23-9)
5 Rapifen Intensive Care, ABPI Medicines Compendium 2005, p2024-2025 (ISBN 0-0907102-23-9)
6 Cordarone X Intravenous, ABPI Medicines Compendium 2005, p547-548 (ISBN 0-0907102-23-9)
7 Tracrium Injection, ABPI Medicines Compendium 2005, p2417-2418 (ISBN 0-0907102-23-9)
8 Nimbex Forte Injection, Nimbex Injection 2mg/ml , ABPI Medicines Compendium 2005, p1699-1703 (ISBN 0-0907102-23-9)
9 Catapress Ampoules, ABPI Medicines Compendium 2005, p411-412 (ISBN 0-0907102-23-9)
10 Dopacard, ABPI Medicines Compendium 2005, p721 (ISBN 0-0907102-23-9)
11 Xigris, ABPI Medicines Compendium 2005, p2655-2657 (ISBN 0-0907102-23-9)
12 Ventolin Injection, ABPI Medicines Compendium 2005, p2537-2538 (ISBN 0-0907102-23-9)
13 Flagyl Injection (100ml), ABPI Medicines Compendium 2005, p935-936 (ISBN 0-0907102-23-9)
14 Losec IV Infusion, ABPI Medicines Compendium 2005, p1403-1404 (ISBN 0-0907102-23-9)
15 Diprivan 1%, Diprivan 2%, ABPI Medicines Compendium 2005, p697-701 (ISBN 0-0907102-23-9)
16 Ultiva Injection, ABPI Medicines Compendium 2005, p2483-2487 (ISBN 0-0907102-23-9)
17 "Physical and chemical compatibility of drotrecogin alfa (activated) with 34 drugs during simulated Y-site administration" HY Mann, SL Demmon, DA Boelk et al, Am J Health-Syst Pharm 2004; 61: 2664-2671
18 "John Farman intensive care unit compatibility chart", Cambridge University Hospitals NHS Foundation Trust, Pharmacy Department, In-house data generated by Brit Cadman and Tim House
19 AstraZeneca, Personal communication (16/03/2005)
20 Bayer, Personal communication (16/03/2005)
21 Zeneus Pharma, Personal communication (22/03/2005)
22 "Handbook on injectible drugs" 13th Edition, LA Trissel, 2005. American Society of Health System Pharmacists (ISBN 1-58528-107-7)
23 Schwartz Pharma, Personal communication (22/03/2005)
24 Akzo Nobel, Personal communication (16/03/2005)

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Version 1.3