

Evaluation of compatibility of acetylsalicylic acid and atenolol with medications commonly used in Intensive Care Units (ICUs)



Poster n°: 3PC-070

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Introduction

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Patients hospitalised in ICUs often require the use of multiple drugs and the intravenous (IV) route is the most commonly way of administration. IV accesses are usually limited, leading to concomitant administration of different drugs in the same infusion line. According to the work of D'Huart et al*, the most commonly used drugs for which there was no compatibility data have been selected .



Conclusion

After laboratory tests, new incompatibilities were found which gives additional data to the literature. This study demonstrated that all mixtures were compatible except acetylsalicylic acid with potassium canreonate or Nutryelt®, and atenolol with mycophenolate mofetil or Nutryelt®. However, many other mixtures should be still investigated due to missing data.

*D'Huart et al. Physical compatibility of intravenous drugs commonly used in intensive care units : an observational study and physical compatibility laboratory tests on antiinfective drugs. Pharm Technol Hosp Pharm 2019; 4,1: 29-40.