Algorithm for Filtering Drug-Drug Interaction Alerts for

Immune suppressants and Azole-Antifungals

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1. Select Azole antifungals (RxNorm CUI):
   1. Bifonazole (19295) (topical only in US)
   2. Butoconazole (19884) (vaginal cream only)
   3. Clotrimazole (2623) (oral, topical)
   4. Econazole (3743) (topical, ophthalmic, and vaginal product)
   5. Fenticonazole (24876) (vaginal suppository)
   6. Ketoconazole (6135) (oral, topical)
   7. Luliconazole (1482680) (topical cream)
   8. Miconazole (6932) (oral gel, topical or vaginal product)
   9. Oxiconazole (32638) (topical)
   10. Sertaconazole (36435) (topical)
   11. Sulconazole (37319) (topical)
   12. Tioconazole (38298) (topical and vaginal)
   13. Efinaconazole (1539753) (topical)
   14. Fluconazole (4450) (injectable, oral)
   15. Itraconazole (28031) (injectable, oral)
   16. Posaconazole (282446) (injectable, oral)
   17. Terconazole (37806) (vaginal)
   18. Voriconazole (121243) (injectable, oral)
2. Select immune suppressants
   1. Cyclosporine (3008) (oral, ophthalmic, intravenous, topical)
   2. Tacrolimus (42316)
   3. Sirolimus (35302)
   4. Everolimus (141704)
3. Alert if azole anti-fungal is fluconazole, ketoconazole, itraconazole, posaconazole or voriconazole. Filter all other antifungals.
4. Limit immune suppressants to systemic products - oral and intravenous products
5. Alert if fluconazole is oral and dose is > 100mg / day and systemic immune suppressants products
6. Alert if fluconazole intravenous and dose is > 200mg / day and systemic immune suppressants products