Table 2

Main side effects and interactions of pulmonary arterial hypertension medications

PAH drugs	Side effects	Main Interactions
Endothelin receptor antagonists (bosentan, ambrisentan)	Liver toxicity Anaemia Peripheral oedema Headache	**Bosentan:** Ciclosporin (combination contraindicated) Glibenclamide (combination contraindicated) Ketoconazole Fluconazole Hormonal contraceptives Rifampicin HIV protease inhibitors Simvastatin **Ambrisentan:** Ciclosporin Rifampicin
Phosphodiesterase type-5 inhibitors (sildenafil, tadalafil)	Headache Flushing Flu-like symptoms Vomiting and diarrhoea Nasal congestion-sinusitis Epistaxis Indigestion Muscle pain Vision or hearing loss	Nitrates and nicorandil (combination contraindicated) HIV protease inhibitors Ketoconazole/itraconazole
Prostacyclin analogues (epoprostenol, treprostinil, iloprost)	Jaw pain Headache Flushing Nausea and diarrhoea Risk of local site/catheter infection and sepsis Risk of catheter obstruction and pump malfunction Local pain at subcutaneous administration site	When used with antihypertensive medications they can further reduce blood pressure When used with antiplatelets or anticoagulants may increase the risk of bleeding