



Date of report 13 May 2019

## Reported case interaction between **Rilpivirine** and **Omeprazol**

### Drugs suspected to be involved in the DDI

Victim

**Rilpivirine**

Daily Dose

25 (mg)

Dose adjustment performed

No

Administration Route

Oral

Start date

Dec. 19, 2016

End date

Ongoing

Perpetrator

**Omeprazol**

Daily Dose

20 (mg)

Dose adjustment performed

No

Administration Route

Oral

Start date

Unknown

End date

Ongoing

## Complete list of drugs taken by the patient

Antiretroviral treatment

Dolutegravir  
Lamivudine  
Ralpivirine

Complete list of all comedications taken by the patient, included that involved in the DDI

Omeprazol, desloratadine, ipratropium bromide, escitalopram, furosemide, folic acid, lorazepam, magnesium, calcium, paracetamol, quetiapine, salbutamol, trimetoprim, sulphametoxazol, terbutaline, trazodone.

## Clinical case description

Gender

Female

Age

54

eGFR (mL/min)

Hemodialysis

Liver function impairment

No

Description

Despite potential interaction between ralpivirine and omeprazol, viral load continued being undetectable. Treatment with ralpivirine plus omeprazol (20 mg qd) was maintained.

## Clinical Outcome

**No unwanted outcome**

## Editorial Comment

Rilpivirine should not be co-administered with omeprazole as significant decreases in rilpivirine plasma concentrations may occur (due to gastric pH increase), which may result in loss of therapeutic effect of rilpivirine.

## University of Liverpool Recommendation

- These drugs should not be coadministered

For more information [click here](#)