

REPORT 3 : RITONAVIR (Paxlovid)

DATA SOURCE : EUDRA-VIGILANCE

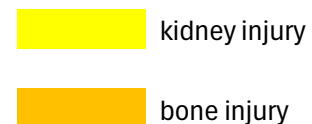
ACCESS : [Dropbox](#)

Ritonavir belongs to the same family of drugs as Remdesivir and Tenofovir. Here I list the most common symptoms for this drug in order of highest incidence.

Table 1 : Percentage of Reports with Each Symptom for Ritonavir

SYMPTOM	FREQ	%
-	4840	9.46
diarrhoea	1323	2.59
drug interaction	1239	2.42
off label use	1164	2.28
nausea	742	1.45
vomiting	637	1.25
acute kidney injury	633	1.24
osteonecrosis	562	1.10
renal failure	489	0.96
osteoporosis	441	0.86
pyrexia	428	0.84
bone density decreased	404	0.79
foetal exposure during pregnancy	403	0.79
renal injury	398	0.78
anaemia	358	0.70
bone loss	357	0.70
skeletal injury	337	0.66
rash	336	0.66
hepatic cytolysis	330	0.65
cushing's syndrome	324	0.63
jaundice	293	0.57
asthenia	289	0.56
multiple fractures	273	0.53
headache	265	0.52
electrocardiogram qt prolonged	255	0.50
chronic kidney disease	254	0.50
hypertriglyceridaemia	239	0.47
abdominal pain	238	0.47
fatigue	235	0.46
hyperbilirubinaemia	230	0.45
immune reconstitution inflammatory syndrome	222	0.43

RITONAVIR (Paxlovid) SYMPTOMS



maternal exposure during pregnancy	216	0.42
pruritus	213	0.42
pneumonia	209	0.41
exposure during pregnancy	207	0.40
dizziness	207	0.40
drug ineffective	201	0.39
blood creatinine increased	199	0.39
dyspnoea	195	0.38
pancreatitis	194	0.38
decreased appetite	184	0.36
condition aggravated	177	0.35
dyslipidaemia	175	0.34
drug level increased	175	0.34
tooth loss	174	0.34
pain	173	0.34
malaise	173	0.34
arthralgia	169	0.33
blood bilirubin increased	167	0.33
weight decreased	167	0.33
rash maculo-papular	161	0.31
hepatitis	160	0.31
myalgia	157	0.31
gastrointestinal disorder	155	0.30
alanine aminotransferase increased	153	0.30
nephrolithiasis	152	0.30
lactic acidosis	147	0.29
therapeutic response unexpected	147	0.29
thrombocytopenia	144	0.28
rhabdomyolysis	143	0.28
weight increased	143	0.28
transaminases increased	141	0.28
fracture	140	0.27
anxiety	140	0.27
depression	139	0.27
aspartate aminotransferase increased	138	0.27
renal impairment	138	0.27
myocardial infarction	138	0.27
abortion spontaneous	136	0.27
neutropenia	136	0.27

There is the prominence of bone injury and kidney injury - similar to the symptoms of Tenofovir. This suggests that similar symptoms may accompany many other anti-retro-viral drugs.

Bearing in mind that Ritonavir is the active ingredient in Paxlovid, the anti-viral widely used for early treatment of Covid, the high incidence of these bone and kidney effects is of concern.

CLINICAL REPORTS

https://journals.lww.com/aidsonline/citation/2002/07260/ritonavir_associated_hyperparathyroidism,.19.aspx