Early recognition of HEV infection as a cause of post transplant hepatitis is crucial to minimize liver damage.

Diagnose

Liver (n=1)
Genotype and Tx
Kidney
Death
Lung (range)

Oral ribavirin might be an effective treatment of chronic HEV infection.

Lost HEV RNA
HeartTx
Tx
Further of (49)
IS
Tx
infection

Time between diagnose ... (median) 36-1001 U/L (112 U/L)
HEV genotype Genotype 3
HEV diagnostics HEV RNA by RT PCR
Chronic infection (%) 62,5%

In total 24 SOT recipients, presenting with elevated ALTs, tested positive for HEV RNA genotype 3. Of these 6 were lung-, 1 heart-, 6 liver- and 9 kidney-transplant recipients; 2 received multiple SOTs. A chronic infection could be diagnosed in 15 of these 24 SOT recipients (62.5%). Six SOT recipients, were able to resolve the infection upon reduction of immunosuppression.

So far, 13 SOT recipients were successfully treated. Two liver transplant patients were treated with pegylated interferon alpha-2b. In addition, eleven SOT recipients were treated with oral ribavirin.