

Hepatology COVID-19 Registry  
Week 19 Report

	Liver disease, Non-Transplant (N=44)	Post-liver transplantation (N=40)
<b>Gender (%)</b>	Female = 17 (38.6 %) Male = 27 (61.4 %)	Female = 21 (52.5 %) Male = 19 (47.5 %)
<b>Median Age (yr) at time of COVID diagnosis (range)</b>	11 (0.16-20)	11.5 (0.5-21)
<b>Etiology of liver disease</b>	NAFLD = 11 Biliary atresia = 10 Autoimmune hepatitis = 8 Acute Liver Failure = 3 Metabolic disorder = 3 Tumor = 2 Others* = 7	Biliary atresia = 11 Acute liver failure = 8 Metabolic disorders = 5 Tumor = 4 Autoimmune hepatitis = 2 Others** = 10
<b>Highest level of care</b>		
Outpatient	13	24
Hospital floor	18	12
ICU	13	4
<b>Immunosuppression at time of COVID diagnosis</b> (*some patients were on multiple agents)	No Immunosuppression = 37 Azathioprine = 7 Steroids = 3	Tacrolimus = 36 Steroids = 12 Mycophenolate Mofetil = 11 Sirolimus = 4 Azathioprine = 3 Everolimus = 2 Cyclosporine = 1
<b>Specific Treatment for COVID</b> (*some patients were on multiple agents)	Hydroxychloroquine = 7 Azithromycin = 6 IVIG = 5 Remdesivir = 5 Steroids = 5 Tocilizumab + Sarilumab = 2 Eculizimab = 2 Convalescent Plasma = 1 Anakinra = 1	Hydroxychloroquine = 2 Azithromycin = 2 IVIG = 1 Favipiravir = 1 Convalescent Plasma = 2 Remdesivir = 1 Steroid (Dexamethasone) = 1
<b>Highest respiratory support</b>		
None	32	37
Nasal cannula/CPAP/BiPAP	6	2
Mechanical ventilation	5	0
High Frequency Oscillatory ventilation	1	0
Pending information	-	1
<b>Final clinical outcome</b>		
Death	1***	0
Recovery	39	37
Still active in clinical course	4	2
Pending information	-	1
<b>Liver related Complications</b>	Ascites = 7 Portal Hypertension Bleeding = 1 Infection = 1	Infection = 1

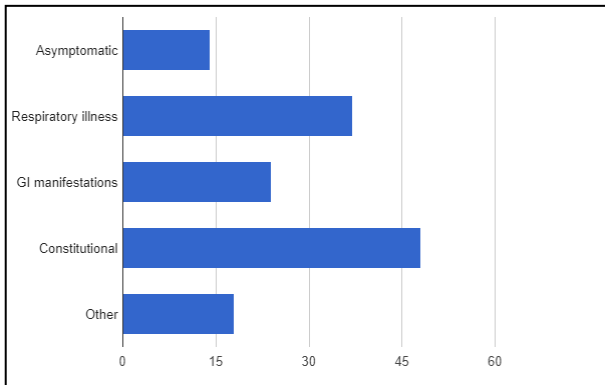
\*Others CLD: idiopathic cholestasis, GVHD/vanishing bile duct syndrome (Post BMT), IFALD with biliary obstruction, PFIC

\*\* Others PLT: IFALD , Congenital hepatic fibrosis, Cryptogenic, Neonatal Hepatitis

\*\*\*Pulmonary hemorrhage, multi-organ failure

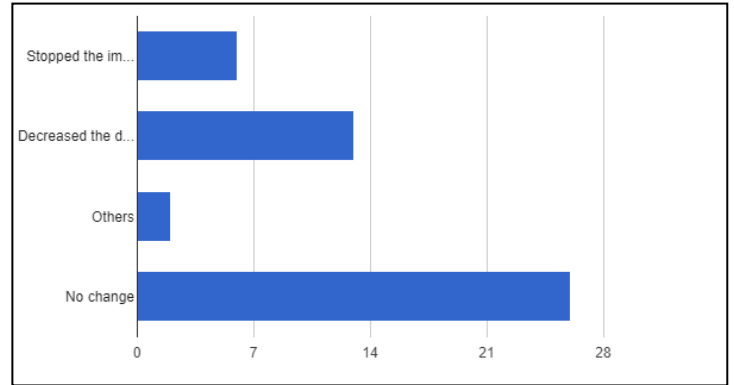
Three recipients had multivisceral transplantation; One PLT recipient also had a transplanted kidney. One had SB+Liver transplant

## Presenting symptoms at time of diagnosis



\*Constitutional symptoms reported: Loss of smell/taste , fever, myalgia, fatigue, sore throat  
# Other symptoms reported: Malaise, anorexia, headache, rash, Kawasaki disease like presentation(MIS-C)

## Change done to Immunosuppressive agent (Post LT)



\*Stopped, decreased the dose, others and No changes  
Commonest agent **stopped**: Mycophenolate Mofetil