

Supplemental Information

SUPPLEMENTAL TABLE 1 Laboratory Values for Case 1

Parameter	Baseline on Admission	Baseline Before Remdesivir (HD 5)	Peak or Trough After Remdesivir Started	Return to Baseline (HD)
Creatinine	0.27	0.24	<0.15 (HD 11)	—
AST	43	65	97 (HD 7)	65 (HD 9)
ALT	12	22	22 (HD 5)	—
WBC	8.86	6.62	14.57 (HD 9)	—
%N	37.4	29.4	30.7 (HD 10)	—
%L	38.3	66.0	55.3 (HD 10)	—
HGB	12.9	9.8	9.5 (HD 10)	—
PLT	379	224	442 (HD 9)	—

—, indicates laboratory values did not peak higher or fall lower than the typical normal range for a premature infant after remdesivir was started.

AST had a mild elevation on HD 7 (2 days after remdesivir was started), then returned to baseline on HD 9.

AST, aspartate aminotransferase; ALT, alanine transaminase; ALP, alkaline phosphatase; WBC, white blood cell count; %L, percent lymphocytes; %N, percent neutrophils; HGB, hemoglobin; PLT, platelet count.

SUPPLEMENTAL TABLE 2 Laboratory Values for Case 2

Parameter	Baseline on Admission	Baseline Before Remdesivir (HD 6)	Peak or Trough After Remdesivir Started	Return to Baseline (HD)
Creatinine	0.29	0.28	0.28 (HD 8)	—
AST	71	67	100 (HD 10)	40 (11)
ALT	13	11	15 (HD 10)	—
WBC	6.88	12.79	18.82 (HD 20)	Highest value before discharge
%N	23.1	28.6	27.4 (HD 20)	—
%L	57.4	64.3	65.5 (HD 20)	—
HGB	11.8	10.8	10.3 (HD 20)	—
PLT	229	226	500 (HD 20)	Highest value before discharge

—, indicates laboratory values did not peak higher or fall lower than the typical normal range for a premature infant after remdesivir was started.

AST had a mild peak elevation on HD 10 (4 days after remdesivir was started), then returned to baseline the following day on HD11.