

Citywide implementation of a rapid whole-genome sequencing program for critically ill pediatric patients

In the format provided by the
authors and unedited

Supplementary Information

Supplementary Tables are available in the “Supplementary Tables.xlsx”

- Supplementary Table 1. List of patients recruited for rWGS.
- Supplementary Table 2. Sequencing statistics and QC.
- Supplementary Table 3. NICU and PICU breakdown within rWGS cohort.
- Supplementary Table 4. Additional molecular findings.
- Supplementary Table 5. List of small variants identified within the rWGS cohort.
- Supplementary Table 6. List of CNVs and SVs identified within the rWGS cohort.
- Supplementary Table 7. List of pharmacogenomic variants identified within rWGS cohort.
- Supplementary Table 8. Medication and dietary interventions.
- Supplementary Table 9. Clinician-reported Genetic testing Utility InDEx questionnaire in ICU.
- Supplementary Table 10. Cases where management changes triggered by rWGS led to changes in disease trajectories.
- Supplementary Table 11. List of patients in the control cohort (retrospective).
- Supplementary Table 12. Comparison of variables across rWGS and control cohorts.
- Supplementary Table 13. Validation of WGS-based copy number variant calling.
- Supplementary Table 14. Newborn screening gene panel.
- Supplementary Table 15. Carrier gene panel.
- Supplementary Table 16. Pharmacogenomics gene panel.