

February Issue | 2019

OPTIMIZATION OF TREATMENT

COG B-ALL Minimal Residual Disease (MRD) by Flow Cytometry –

The presence of MRD following induction therapy for B-lymphoblastic leukemia/lymphoma (B-ALL) is associated with worse clinical outcomes. Identification of MRD using a 6-color flow cytometry assay has been shown to be highly prognostic in prospective randomized clinical trials. The Children's Oncology Group (COG) has been measuring MRD in children with B-ALL following induction chemotherapy since 1999 and has shown that MRD testing is the most powerful independent predictor of outcome. MRD levels post-induction are now commonly used to determine risk stratification and the level of intensity of post induction therapy. The flow cytometry laboratory at CHLA is the first laboratory in California that has been approved to perform the COG MRD testing for both pediatric and adult patients diagnosed with B-ALL at any time point in both peripheral blood and bone marrow aspirate specimens. This test is available Monday-Friday. Please contact us for further questions.

HIGHLIGHTED TESTING

COG B-ALL Minimal Residual Disease

- CPT & Quantity: 88184, 88185 x 11, 88188
- Lab – Diag. Immunology & Flow Cytometry
- TAT: 48 hours

Epilepsy Panel Clinical Exome Reanalysis:

- CPT & Quantity: 81417 (x1)
- Lab – Center for Personalized Medicine
- TAT: 6 weeks

OncoKids® Cancer Panel:

- CPT & Quantity: 81455, G0452
- Lab – Center for Personalized Medicine
- TAT: 2-3 weeks

CONFERENCE SCHEDULE

Quarter 3 Conference Schedule:

Stay tuned for upcoming conferences to receive more information at our booth and speak to faculty experts.

Society for Pediatric Pathology - SPP

- March 15-17
- National Harbor, Maryland

United States & Canada Academic Pathology - USCAP

- March 16-21
- National Harbor, Maryland

Featuring Oncology Tests:

- *OncoKids*®
- *MRD by Flow Cytometry*

CONTACT US

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Pathology & Laboratory Website

<http://www.chla.org/pathology-and-laboratory-medicine>

CHLA Laboratory Test Menu:

www.chla.org/pathology-laboratory-catalog