

Announcement of Revised Diagnostic Testing

IU Cytogenetics Laboratory
Division of Diagnostic Genomics
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This announcement pertains to FISH follow-up testing for chromosomal microarray (CMA) assay findings. **Effective March 14, 2018**, FISH follow-up testing in a proband will only be performed, at the discretion of the director, to further interpret CMA results suggestive of complex rearrangements or mosaic abnormalities. When clinically indicated, parental assessment to further interpret the clinical significance of an abnormality and help establish recurrence risks will include evaluation of the proband by FISH at the time of parental sample receipt only. Such follow-up testing will be performed by FISH for cases with deletions ≥ 250 kilobases and duplications ≥ 1 megabase (due to the limited resolution of this assay). Otherwise, parental chromosome analysis or parental CMA follow-up testing will be suggested in the proband report when appropriate. There will be no charge to the patient for FISH utilized to further interpret an abnormality in the proband. However, charges will occur for parental FISH and parental microarray analysis.