



SUBMISSION OF TISSUE FOR CYTOGENETICS

Cytogenetic analysis can be valuable in assessing genetic defects responsible for repeated miscarriages. Tissue for cytogenetic analysis must be kept as fresh as possible and requires prompt attention and proper handling.

NOTE: Cytogenetic analysis cannot be performed on tissues exposed to formalin fixative solution.

REQUISITION

A Pathology Requisition form is filled out as usual with the following special instructions:

1. Clinical history including any history of prior miscarriages
2. Type of procedure performed
3. "Cytogenetics Requested" should be written on requisition

SPECIMEN PREPARATION

1. Fetal demise specimens should be placed in a specimen container or bag in the fresh state and placed in a sealed *Biohazard* bag. Saline solution does not need to be added to these specimens and should be avoided.
2. A completed requisition form should accompany the specimen.
3. Send specimen **IMMEDIATELY** to Pacific Pathology Associates via cab or courier if during normal working hours (M-F, 8:00 AM - 5:00 PM).
4. For procedures performed after normal working hours, the surgical pathologist on call should be notified at the time of the procedure that a specimen for cytogenetics will be sent for processing.
5. If there is to be any delay in getting the tissue to Pacific Pathology Associates, the tissue should be refrigerated in a specimen-only refrigerator.

Pathology Policy reviewed June 30, 2009, no changes to previous policy dated Nov. 1, 2005.
By Mark J. Magilner, MD

For questions, please call the pathologist on call at (503) 561-5350.
For courier services or supplies, please call (503) 561-5390.