



Replaces Method of _____

Adopted OA 7/1/2016
Reviewed OA 11/22/2018
Reviewed _____
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Reviewed _____

Bone marrow specimen collection and preparation

During bones marrow specimen collection when possible peripheral blood should be drawn and sent with the bone marrow along with patient history and recent CBC.

During the procedure a drop of neat (non anticoagulated) marrow is placed on several clean glass slides and immediately spread with another slide into a uniform monolayer. The slides are air-dried only. A portion of the marrow is placed in a blue top collection tube and a green top collection tube, the remainder will be submitted in 10% neutral buffered formalin.

A fragment of bone should be collected at this time. Prior to fixation, touch preps of the bone fragment on a clean glass slide can be made and the slide air-dried only. The bone fragment is then submitted in 10% neutral buffered formalin. If special testing is indicated then the bone fragment should be submitted in RPMI.

All tubes, bottles and slides need to be labeled with two patient identifiers. The specimen is then packaged and sent with the appropriate paperwork, including pathology requisition form, patient demographics, insurance information and patient history whenever possible.

Collection kits including all blood tubes, slides and formula bottles are provided upon request or can be ordered online at Tucson pathology.com

OS Anwar
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