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An advisory opinion adopted by AZBN is an interpretation of what the law requires. While an advisory opinion is not law, it is more than a recommendation. In other words, an advisory opinion is an official opinion of AZBN regarding the practice of nursing as it relates to the functions of nursing. Facility policies may restrict practice further in their setting and/or require additional expectations related to competency, validation, training, and supervision to assure the safety of their patient population and or decrease risk.

**OPINION: BONE MARROW
ASPIRATION & BIOPSY
APPROVED: 11/94
REVISED DATE: 1/06, 8/09, 9/12, 11/15, 7/19
ORIGINATING COMMITTEE:
SCOPE OF PRACTICE COMMITTEE**

Within the Scope of Practice of X RN LPN

ADVISORY OPINION BONE MARROW ASPIRATION AND BIOPSY

It is within the scope of practice for a Registered Nurse (RN) to perform bone marrow aspiration and biopsy (BMAB) if the following requirements are met:

I. GENERAL REQUIREMENTS

- A. Written policy and procedures are maintained by agency\employer.
- B. Only RNs who have satisfactorily completed an agency's instructional program, and have had supervised clinical practice are allowed to perform BMAB procedures.
- C. Documentation of satisfactory completion of the instructional program and supervised practice is on file with the employer.

II. COURSE OF INSTRUCTION is to include:

- A. Anatomy and physiology specific to selected BMAB sites
- B. Physiology of blood formation (to understand the purpose of BMAB)
- C. Indications and contraindications
- D. Informed consent
- E. Potential adverse reactions and/or complications
- F. Techniques and use of equipment for BMAB, including all types of equipment.
- G. Additional training is required for the use of power devices
- H. Selection of appropriate site and preparation of slides
- I. Appropriate pain management techniques (pharmacological and non-pharmacological).
- J. Patient education and after care instructions.

III. RATIONALE

An RN who has satisfactorily completed an instructional program and supervised clinical practice in BMAB can safely perform BMAB procedures. In some centers, nurses have safely performed these procedures in the US for at least 20 years. Additionally, nurses in other countries (such as the United Kingdom) routinely perform bone marrow procedures.

IV. REFERENCES

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