

# PHLEBOTOMY



## SPECIMEN INTEGRITY

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## How does specimen collection impact patient care?

- Diagnosis
- Prognosis
- Treatment
- Financial
- Liability
- Compliance



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## Reliability & accuracy of test results depend on the preanalytic process of specimen collection.



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## SPECIMEN COLLECTION NONANALYTIC VARIABLES

- Standardized collection technique
- Posture of patient
- Duration of tourniquet application
- Timing of specimen collection
- Patient activity prior to specimen collection

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## PHYSIOLOGICAL NONANALYTIC VARIABLES



- Age
- Gender
- Menstrual cycle
- Pregnancy
- Lifestyle



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## NONANALYTIC INTERFERENCE FACTORS

- Inaccurate patient history 
- Errors in specimen identification 
- Inappropriate specimen management or transport



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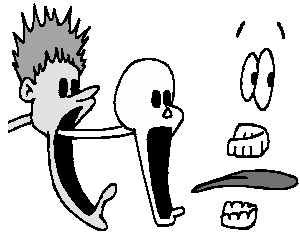
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**The number one fear of most patients is being “stuck”!**

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