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Bulletin Technical

Urinalysis and Urinalysis Reflex Testing Orders

Effective Thursday, September 29, 2005, the following orders for urinalysis will be available in Cerner:

1. Urogram - Automated macroscopic urinalysis (dipstick) with no reflex testing.
2. Urinalysis - Automated macroscopic urinalysis with reflex to microscopic urinalysis if the macroscopic exam is positive for protein, blood, nitrates, or leukocyte esterase.
3. Urinalysis, culture if positive - Automated macroscopic urinalysis performed with reflex to microscopic urinalysis as described above. If testing shows no evidence of white blood cells, nitrates, or leukocyte esterase, a culture will not be performed. If white blood cells, nitrates, or leukocyte esterase are present, a culture will be performed.
4. Urine culture - A urine culture will be performed.

It is anticipated that the use of these orders will expedite urinalysis testing and reporting by providing accurate urinalysis results and improving turnaround times. If you have questions or comments, please contact Dr. Gene Herbek at The Pathology Center, 402-354-4781.

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Oneson, R. and Groschel, D. H. M.: *Leukocyte Esterase Activity and Nitrite Test as a Rapid Screen for Significant Bacteriuria.* Am. J. Clin. Path. 83:84-87; 1985.

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