

Let Beckman Coulter Solutions Be Your Guide

TRIAGE

8:32 AM

- Vital signs in triage do not meet SIRS criteria
- Standard lab work is collected and sent to lab

Temperature:
37.5°C
Pulse: 103
Blood Pressure:
105/80
Respiratory Rate: 19

39-year old female patient heads to the emergency room with chief complaint of pain on her right side.



SUSPECT

9:46 AM

- Blood collected for CBC-Diff
- Urine sample collected
- Automatic reflex to additional tests via REMISOL Advance middleware*

Patient worsens and is transferred to the intensive care unit.

Sepsis suspected.

HEMATOLOGY

DxH Analyzer

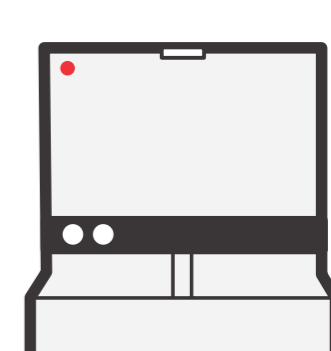
- ↑ ELEVATED WBC
- ↑ ELEVATED MDW



URINALYSIS

DxU Iris Analyzer

- ↑ ELEVATED WBC
- ↑ ELEVATED Bacterial Count



DIAGNOSE

11:03 AM

- Further testing is performed
- Automatic reflex to additional tests via REMISOL Advance middleware*

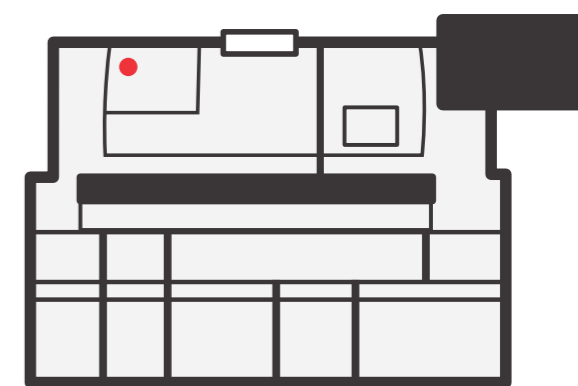
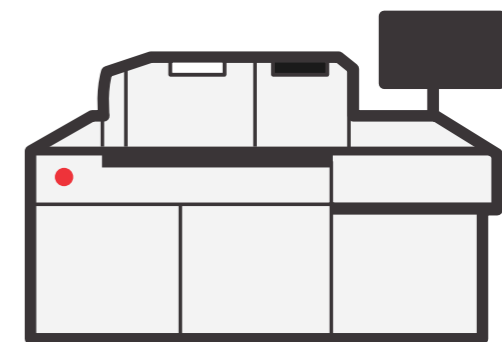
Patient started on ceftriaxone, a broad-spectrum antibiotic.



CHEMISTRY & IMMUNOASSAY

DxC 700 AU Analyzer DxI 9000 Access Immunoassay Analyzer

- ↑ ELEVATED Lactic Acid
- ↑ ELEVATED CRP
- ↑ ELEVATED PCT
- ↑ ELEVATED IL-6



CONFIRM

- Microbial analysis identifies ESβL producing E. coli
- Patient switched to meropenem

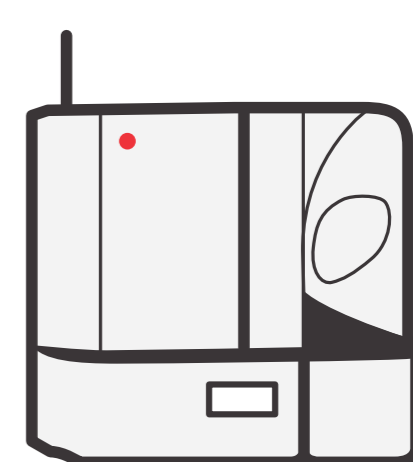
Patient's condition improves and she is moved to non-critical care unit.

Patient is discharged home within a few days.

MICROBIOLOGY

DxM MicroScan WalkAway ID/AST System

Pathogen Identified as an ESβL-producing E. coli.



Now is the time to **SUSPECT**, **DIAGNOSE**, and **CONFIRM** sepsis with the help of Beckman Coulter solutions in your laboratory.



*REMISOL Advance is a trademark or registered trademark of Normand-Info SAS in the United States and other countries. Used under license.

© 2023 Beckman Coulter, Inc. All rights reserved. Beckman Coulter, the stylized logo, and the Beckman Coulter product and service marks mentioned herein are trademarks or registered trademarks of Beckman Coulter, Inc. in the United States and other countries. For Beckman Coulter's worldwide office locations and phone numbers, please visit beckmancoulter.com/contact