

GOAL
**OPTIMIZING
WORKFLOW TO
IMPROVE CARE**

CHALLENGE

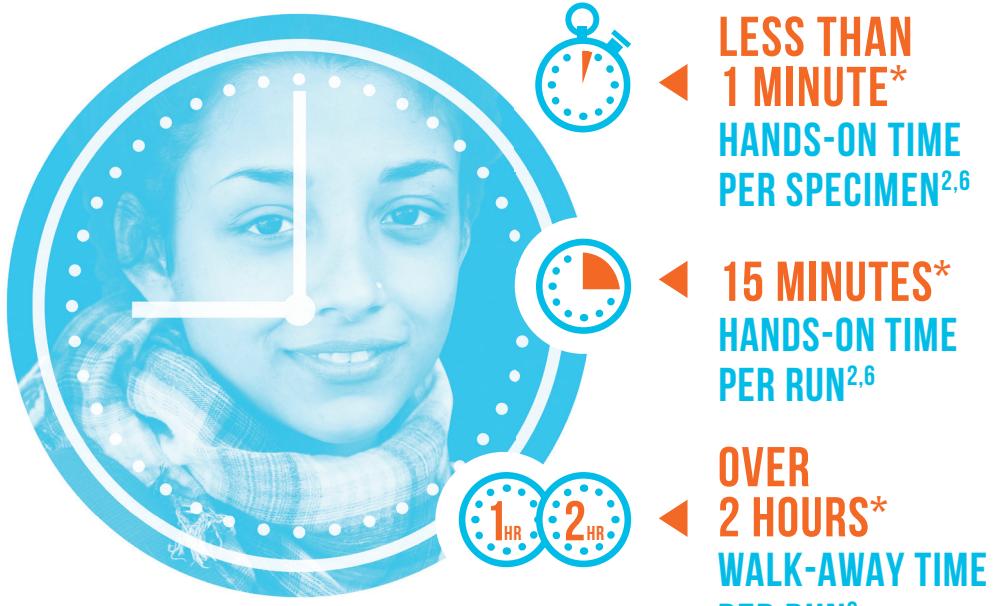
Patient wait time is a source of concern. Manual methods plus multiple instruments mean a longer time for results. These delays can lead to a decrease in available beds.

“[The BD MAX™ System] makes a big difference ... in how we manage our patients and beds within the hospital.”

Consultant Microbiologist and Clinical Director for Pathology Hampshire Hospitals

HOW CAN YOU ACHIEVE **MAX EFFICIENCY?**

**GET ANSWERS FOR MORE PATIENTS, FASTER.
THE BD MAX SYSTEM CAN HELP.**



TESTING FLEXIBILITY

- Run 1–24 samples and different assays at the same time^{2,5}
- Test a wide range of sample types⁶

STAFF PRODUCTIVITY THROUGH AUTOMATION

- Offers simple implementation and standardized workflow⁶

OPPORTUNITY TO REDUCE TOTAL COST

- By enabling increased testing volume through streamlined workflow^{2,5,7}

*Based on processing 24 samples.



MAKE THE **M** **A** **X** DIFFERENCE FOR YOUR LAB AND YOUR PATIENTS

REFERENCES:

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3. Mortensen JE et al. Comparison of time-motion analysis of conventional stool culture and the BD MAX Enteric Bacterial Panel (EBP). *BMC Clin Pathol.* 2015;15:9.
4. Le Guen R et al. Evaluation of a new molecular test, the BD Max Cdiff, for detection of toxicogenic *Clostridium difficile* in fecal samples. *J Clin Microbiol.* 2012;50(9):3089-3090.
5. Bauman M. Transitioning from culture to molecular: implementation and integration of BD Max Enteric Bacterial Panel at Cincinnati Children's Hospital. ADVANCE Healthcare website. http://laboratory-manager.advanceweb.com/SharedResources/Downloads/2015/051815/bd_advertorial.pdf. Updated June 2015. Accessed June 1, 2016.
6. Felder RA et al. Process evaluation of an open architecture real-time molecular laboratory platform. *J Lab Autom.* 2014;19(5):468-473.
7. LeBlanc L et al. Cost-effectiveness and laboratory workload efficiency of 8 *C. difficile* testing algorithms. Poster presented at: American Society for Microbiology; May 30-June 2, 2015; New Orleans, LA.
8. Knabl L et al. Comparison of the BD MAX Enteric Bacterial Panel assay with conventional diagnostic procedures in diarrheal stool samples. *EJCMID.* 2016;35(1):131-136.

THE BD MAX SYSTEM CAN HELP WITH:

- **Workflow efficiency** for timely patient management¹⁻³
- Diagnostic **speed and accuracy** to aid in fast, appropriate treatment^{1,2,4,5}
- Testing **versatility** for a wide range of patients⁶

**ASK YOUR BD REPRESENTATIVE HOW THE BD MAX SYSTEM
CAN HELP YOU ACHIEVE MAXIMUM IMPACT.**



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THE BD MAX™ SYSTEM
MAXIMIZE SUCCESS





HOW CAN YOU ACHIEVE



“Tests that take hours as opposed to days ... will have a positive patient impact.”

Scientific Director of the
Esoteric Testing/R&D Department
Tampa General Hospital

IMPACT?

THE BD MAX™ SYSTEM
MAXIMIZE SUCCESS





HOW CAN YOU MAXIMIZE IMPACT?

- **Workflow efficiency** for timely patient management^{1,3}
- Diagnostic **speed and accuracy** to aid in fast, appropriate treatment^{1,2,4,5}
- Testing **versatility** for a wide range of patients⁶

EXPAND YOUR LAB'S MOLECULAR TESTING POTENTIAL.
IT'S POSSIBLE WITH THE BD MAX™ SYSTEM.

GOAL
IMPROVING PATIENT
CARE WITH SPEED
AND ACCURACY

CHALLENGE

Traditional methods are slower, which can contribute to:

- Inappropriate or ineffective treatment
- Extended hospital stays for patients

"The advantages of the BD MAX™ System are that we are able to get results very quickly and correctly. Above all, it is very fast and gives us accurate results."

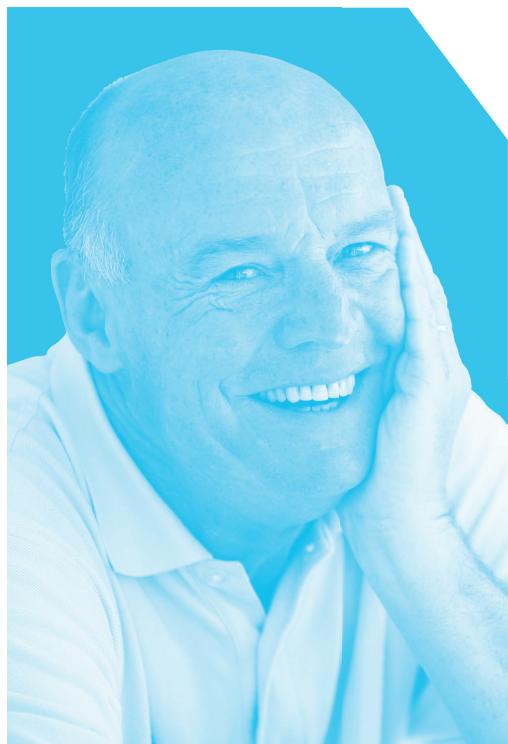
Clinical Microbiologist
Akdeniz University Hospital

HOW CAN YOU ACHIEVE MAX PERFORMANCE?

MOLECULAR TESTING
REDUCES
TIME TO RESULT

FOR FAST,
APPROPRIATE TREATMENT

LEADING TO
TIMELY PATIENT MANAGEMENT¹



**BD MAX SYSTEM
VERSUS CULTURE**

- HIGHER SENSITIVITY⁸
- FASTER TIME TO RESULT^{2,3}



GOAL
REACHING MORE PATIENTS WITH THE RIGHT TEST AT THE RIGHT TIME

CHALLENGE

The lab needs one system with the ability to provide:

- A variety of syndromic testing options
- An expanding offering to keep up with emerging diagnostic requirements
- Tailored options based on specific patient needs

“One of the attractions of the BD MAX System was ... tests that are available, and future tests that could be put onto it.”

Microbiology Manager
Hampshire Hospital's NHS Foundation Trust



HOW CAN YOU ACHIEVE MAX VERSATILITY?

LEVERAGE CLINICALLY RELEVANT ASSAYS FOR A WIDE RANGE OF PATIENTS



THE BD MAX SYSTEM FEATURES

- A broad and flexible syndromic test selection
- An innovative assay pipeline, with continued investment in development of clinically relevant assays.
- A suite of Open System Reagents for User-Defined Protocols

A BROAD SUITE OF MOLECULAR SOLUTIONS

GASTROINTESTINAL

Focused Panels for Targeted Solutions

- Enteric Bacterial Panel
- Enteric Parasite Panel
- Extended Enteric Bacterial Panel
- Enteric Viral Panels*

WOMEN'S HEALTH AND STI

Innovative Design for Clinical Impact

- GBS
- CT/GC/TV
- Vaginal Panel (Bacterial Vaginosis, Candida, *Trichomonas vaginalis*)

HEALTHCARE-ASSOCIATED INFECTIONS

Test the Right Targets to Reduce Transmission

- Cdiff
- MRSA XT (with *mecA/mecC* resistance).
- StaphSR (with *mecA/mecC* resistance).
- Check-Points CPO*

OPEN SYSTEM REAGENTS

Open to Possibilities

Kits for the extraction of DNA & TNA allow for full automation of ‘in-house’ or other PCR assays including those available through BD Partner collaborations.

*Products under development, not available for sale or use. All products are CE marked in compliance with the European Directive for In Vitro Diagnostic Medical Devices (98/79/EC) unless otherwise noted.

IVD assays, research use only (RUO) assays and user-defined protocols (UDP) cannot be combined in the same rack.