

**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.

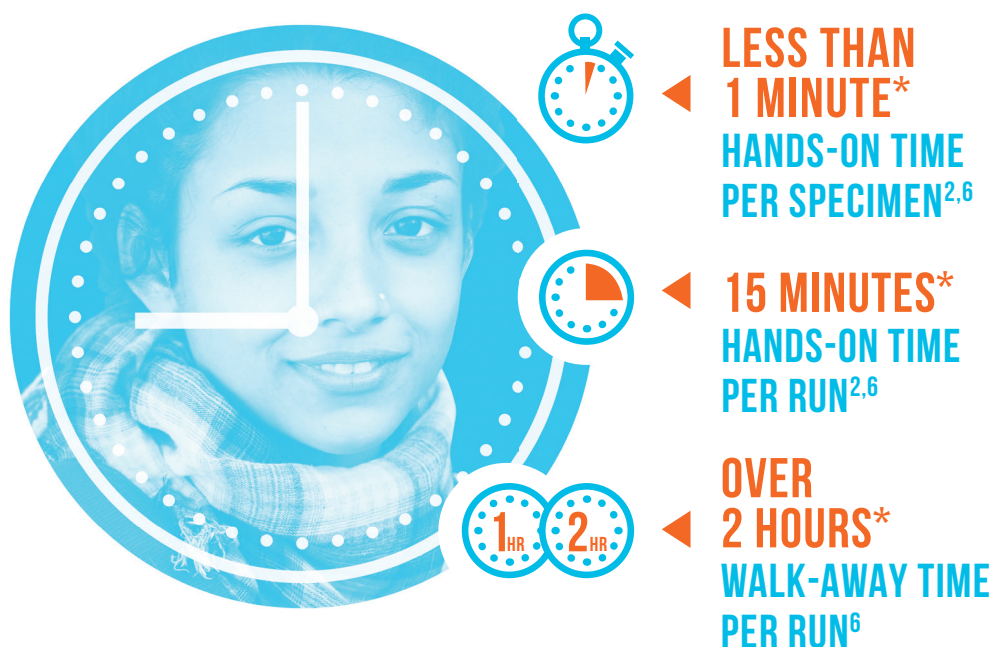
***“[The BD MAX™ System] makes a big difference ... in how we manage our patients and beds within the hospital.”***

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<sup>2,5</sup>
- Test a wide range of sample types<sup>6</sup>

## STAFF PRODUCTIVITY THROUGH AUTOMATION

- Offers simple implementation and standardized workflow<sup>6</sup>

## OPPORTUNITY TO REDUCE TOTAL COST

- By enabling increased testing volume through streamlined workflow<sup>2,5,7</sup>

\*Based on processing 24 samples.



# MAKE THE **MAX** 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.
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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.advancweb.com/SharedResources/Downloads/2015/051815/bd\\_advertorial.pdf](http://laboratory-manager.advancweb.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 management<sup>1-3</sup>
- Diagnostic **speed and accuracy** to aid in fast, appropriate treatment<sup>1,2,4,5</sup>
- Testing **versatility** for a wide range of patients<sup>6</sup>

**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

**MAX**IMIZE SUCCESS







# HOW CAN YOU **MAXIMIZE** IMPACT?

- **Workflow efficiency** for timely patient management<sup>1-3</sup>
- Diagnostic **speed and accuracy** to aid in fast, appropriate treatment<sup>1,2,4,5</sup>
- Testing **versatility** for a wide range of patients<sup>6</sup>

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 MANAGEMENT<sup>1</sup>**



**BD MAX SYSTEM  
VERSUS CULTURE**

- ▶ HIGHER SENSITIVITY<sup>8</sup>
- ▶ FASTER TIME TO RESULT<sup>2,3</sup>

**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.