

# Hospital Acquired Infections: Testing Markets

<https://marketpublishers.com/r/H17ECD91DECEN.html>

Date: August 2012

Pages: 117

Price: US\$ 3,995.00 (Single User License)

ID: H17ECD91DECEN

## Abstracts

A nosocomial, or hospital-acquired, infection is a new infection that develops in a patient during hospitalization. It is usually defined as an infection that is identified at least forty-eight to seventy-two hours following admission, so infections incubating, but not clinically apparent, at admission are excluded. This type of infection is also known as a hospital-acquired infection (or more generically healthcare-associated infections). The following are among the hospital infections considered in this report:

Acinetobacter Baumannii

Clostridium Difficile

Hospital-Acquired Pneumonia

Pseudomonas Aeruginosa

Staphylococcus Aureus

Tuberculosis

Urinary Tract Infections

Vancomycin-resistant Enterococcus

Ventilator-Associated Pneumonia

This report focuses on testing for nosocomial infections. The major consideration is given to bacterial nosocomial infections because a) they are the most frequent type of

infections spread in the hospital setting, and b) the practical aspects of diagnosis and therapy are more meaningful based both on medical considerations and on market considerations. This report *Hospital Acquired Infection Testing Markets* looks at the market for diagnostics that address the growing nosocomial infection threat. As part of its coverage, the report includes the following information:

Market Size Estimate and Growth Forecast for the HAI Diagnostics Market

Issues and Trends Affecting Market

Common Hospital (nosocomial) Infections

Nosocomial Infection Statistics

International Hospital Length of Stay Statistics

The Role of Molecular Tests vs. Traditional

Corporate Profiles of Key Suppliers

Market analysis in this report considers primarily the epidemiological considerations and the sizes patient groups both in the United States and globally, where available. We have accumulated the most recent data available, understanding that virtually no organization does extensive studies on these applications on a regular basis. Many studies are highly localized and may only apply to a community, state or country (more often countries that are not a part of the major markets for nosocomial diagnostic and therapeutic products). In many instances, we have had to draw from broader epidemiologic data, that is, on data that reach outside of the hospital environment in order to try and construct a picture of the nosocomial testing and treatment needs.

The primary focus of this report is on the bacterial form of nosocomial infections, and those with significant impact on the hospital setting and markets. In looking at these infections, we consider the diagnostic and therapeutic technologies that are currently available and attempt to project trends for diagnosing these infections. To some extent, we are limited by the activity of the industries associated with the diagnosis and treatment of these infections. For the most part, these activities are limited and the advanced technologies seen in other areas of medical application are not necessarily present in terms of microbiology.

Companies Profiled in the report include the following:

Abbott Laboratories

Alere

Becton, Dickinson

bioMerieux

Cephei

Gen-Probe

Meridian Bioscience, Inc.

Qiagen GmbH

Roche

Siemens AG

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