

Point of Care Diagnostics 2010 and Beyond: Rapid Testing at a Crossroads

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Abstracts

As Kalorama Information's lead diagnostic analyst finds, the point of care concept is at a crossroads: the technologies needed to make rapid testing a reality are here. But is healthcare ready? The drive for wellness and the attention surrounding healthcare reform will surely focus attention on rapid diagnostics. However, according to Shara Rosen, RT, M.B.A., there are many challenges which must be overcome for point of care solutions to fit, and those companies willing to pivot strategies and best adjust to changes in the healthcare marketplace may be rewarded.

This report, *Point of Care Diagnostics 2010: Rapid Testing at a Crossroads* represents the most current analysis of the role of Point of Care Diagnostics in today's in vitro industry. Other reports have looked at products, companies and market forecasts, as this report does. But in her analysis Shara Rosen takes a bold look into the markets, technologies, and trends in decentralized testing with a special focus on the economics of rapid test use in critical care and emergency medicine. The report includes:

Markets for POC Diagnostics (Diabetes, Cardiac markers, Clinical Chemistry/Critical Care, Hematology, Coagulation, Drugs of Abuse/Therapeutic Drug Monitoring, Infectious Diseases, Pharmacodiagnosics, Sepsis, Oncology, Women's health / Pregnancy/Fertility)
By Venue Revenue Estimates for Hospital POC, Physician POC and Other Venue

Review of Products in the Market

Forecasts to 2013

Markets and Forecasts for Self-Testing (OTC)

The role of EMR in the Point of Care Market

Possible Effects of Healthcare Reform

POLs, Home Monitoring, Alternate Samples and Other Trends

Successful Strategies of POC Companies

Profiles of Over 100 Companies Competing in this Market

There are many factors in the growth of POC testing- increasing numbers of diagnosed diabetics, people with cardiovascular disease, and other chronic conditions. It is also expected to play a role in a trend in health care to evaluate provider organizations for quality in care delivery. While this quality imperative is most apparent in pay-for-performance systems, it also provides a framework by which public funds can be used more rationally. This is an especially relevant technology given the U.S. healthcare reform efforts.

All countries are feeling the brunt of aging populations and an increased burden of chronic disease management. Employers and insurance companies are interested in improving the health of customers, and there are some innovative tactics developing in this area. The report is conservative in its predictions and offers a calculated look into the future, based on events currently taking place.

The report offers a quantitative assessment of specific markets in US dollars for 2008 and forecasted out to 2013. These data are provided in order to set the status quo of tests and technologies. However the report concentrates on how these will impact the economics of healthcare over the near term and longer when possible.

As part of Kalorama Information's comprehensive coverage, the following companies are discussed:

23andMe

3M Health Care

77 Elektronika

A. Menarini

A/C Diagnostics

Abaxis, Inc.

Abbott Diagnostics

ABTECH Scientific

Accumetrics

ACIST Medical

Acrongenomics Inc.

Adeza Biomedical

ADIATEC

Aersch Diagnostics

AgaMetrix, Inc.

Alfa Scientific

Alfa Wassermann

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American Bio Medica

Amic/Ortho

Amnisure International

Animas/J&J

ANP Technologies

Antigen Discovery Inc.

Apollo Hospitals

Arkray

Arrayit Diagnostics

AspenBio Pharma

Astron Clinica

AT First Diagnostic

Audit Diagnostics

Axis-Shield plc

Bayer Diabetes Care

Beckman Coulter

Becton Dickinson

Bedfont Scientific

Biohit Oy

BioIQ

bioLytical Labs

Biomagnetics Diagnostics

Biomerica, Inc.

bioMérieux

Bionime Corp.

Bio-Rad Laboratories

BIOSAFE Medical Technologies

Biosite/Inverness

Boditech Med

BodyTel Scientific

Branan Medical Corp

Burnet Institute

Calypte Biomedical

Careside Medical

Carolina Liquid Chemistries

Celerus Diagnostics

Chelsea Technologies

Chembio Diagnostic

Chempaq A/S

Chemtron Biotech

Cholestech Corp.

Claros Diagnostics

CLX Medical, Inc.

Combimatrix

Common Sense, Ltd.

Commonwealth Labs

Connectyx Technologies

ContraVac, Inc.

Decision Biomarkers

DexCom, Inc.

Diabetech, LP

Diabetes Sentry

Diaglobal GmbH

Diagnostic Devices

Diagnostics for All

Diagnostics for the Real World

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Digital Bio Tech

Diversa Limited

DNA Direct, Inc.

DNAFORM

DxNA

Echo Therapeutics

EKF-diagnostic GmbH

Enfora

Enigma Diagnostics

Enterix Inc.

Entra Health

Epocal, Inc.

EPS Bio Technology

ESA Biosciences

eScreen, Inc.

ExpressMD Solutions

EyeMarker Systems

Flexsite Diagnostics

Focus Diagnostics

Fora Care

GE Healthcare

GenBio

Gene Smart Wellness

Genexel-Sein Inc.

Gentag Inc.

Genzyme Diagnostics

Global Detection & Reporting

Glucometrics, Inc.

Google, Inc.

Guided Therapeutics

Hai Kang Life Corp.

Hain Lifescience GmbH

HandyLab, Inc.

HealthPia America

HealthPort

Helena Laboratories

Hema Diagnostic Systems

Hema Metrics

HemoCue AB

Hero Network Network

HMM GmbH

Hoana Medical

Home Access Health

Home Diagnostics

Horiba ABX

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Instrumentation Laboratory

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International Technidyne

Inverness Medical Innovations

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Lab Express

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LifeSign LLC

LifeStat

Lifestream Technologies, Inc.

Lifestyle Choices

Luminex

Luminous Medical

MACHEREY-NAGEL

Masimo Corp

Matritech

M-Biotech

Medical Automation Systems

MedMira Inc.

Medtronic Inc.

Menssana Research, Inc.

Meretek Diagnostics Inc.

Meridian Bioscience

Micromem Technologies

Micronics Inc.

MicroPhage, Inc.

MinuteClinic

Mitsubishi Kagaku Iatron

MP Biomedicals

Multilyte Limited

MycroLab Pty

Nanogen

Nanomix, Inc.

Nanosphere, Inc.

National Jewish Health

Navigenics, Inc.

Network Biosystems

Neuroptix Corp

Nihon Kohden

Noninvasive Medical Tech

Nova Biomedical

OPTI Medical Systems

OraSure Technologies

Orion Diagnostica

OrSense Ltd.

Ortho Clinical Diagnostics

OvumOptics, Inc.

Oxford Biosensors

Oxonica Diagnostics

Phadia AB

Philips Handheld Immunoassays

PlaCor, Inc.

PointCare Technologies

Polymedco

Practice Fusion

PreMD Inc.

PrimeraDx

Probe Scientific Ltd

Prometheus Laboratories

Psynomics

QBC Diagnostics

Qiagen

Q-linea

Quadraspec

QualSec, Inc

QuantRx Biomedical Corporation

Quidel Corp

Quotient Diagnostics

Radiometer A/S

Raman spectroscopy

Rapid Pathogen Screening

Rennesens GmbH

Response Biomedical

Rite Aid

Roche Diagnostics

Royal Philips Electronics

Safeway, Inc.

Screening Devices Canada

SEMOFS

Sentinel Bioactive Paper Network

SeraCare Life Sciences

Serotec

Siemens Healthcare Diagnostics

SIENCO

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Smiths Medical MD

Soar BioDynamics

Solei Systems, Inc

Solianis Monitoring

SpectraScience, Inc.

Sphere Medical Ltd.

SpheroSense Technologies

Stanbio Laboratory

StatSure Diagnostic Systems

STD Test Express

STMicroelectronics

Synova Healthcare

Sysmex Corp

T2 Biosystems

Taidoc Technology

TelCare

Telus Corporation

Textronics, Inc.

Thermo Fisher Scientific

Tosoh Corp

Trinity Biotech

TwistDx, Ltd.

Tyrian Diagnostics

UnitedHealth Group

Veralight, Inc.

Veredus Laboratories

VeriChip Corporation

Via Medical Corp

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Vivacta Limited

Walgreens

Wal-Mart Stores

Webahn Inc.

Ypsomed

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bioMerieux Inc.
Bio-Rad Laboratories Inc.
GE Healthcare
Instrumentation Laboratory
Inverness Medical Innovations
Lifescan Inc.

Nova Biomedical
Ortho Clinical Diagnostics (OCD)
Qiagen N.V.
Quidel Corporation
Radiometer A/S
Roche Diagnostics
Diabetes
Cardiac Markers
Clinical Chemistry
Critical Care
Siemens Healthcare Diagnostics
Cardiac Markers
Diabetes Care
Blood Gases
Urinalysis
Sysmex Corporation
TOSOH Corporation

'New Frontier' POC COMPANIES

3M Health Care
77 Elektronika Kft.
Abaxis, Inc.
A/C Diagnostics
Accumetrics
ACIST Medical Systems, Inc.
AgaMetrix, Inc.
Alfa Wassermann Diagnostic Technologies, LLC (AWDT)
American Bio Medica Corp
Audit Diagnostics
Axis-Shield plc
Biohit Oy
BioIQ
Biomerica, Inc.
Biosite Incorporated
B.R.A.H.M.S. AG
Calypse Biomedical Corporation
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Chempaq A/S

Cholestech Corporation
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Diabetech, LP
Diazyme Laboratories
EKF-diagnostic GmbH
ESA Biosciences Inc.
Hain Lifescience GmbH
HandyLab, Inc.
Helena Laboratories USA
Hema Diagnostic Systems (HDS)
HemoCue AB
HemoSense, Inc.
Home Diagnostics, Inc.
Horiba ABX S.A.
Insulet Corporation
International Technidyne Corp (ITC)
Masimo Corporation
Matritech
Medical Automation Systems, Inc.
MedMira Inc.
Medtronic Inc.
A. Menarini Diagnostics
Meridian Bioscience
MP Biomedicals LLC
Nanosphere, Inc.
OPTI Medical Systems, Inc.
OraSure Technologies, Inc.
Phadia AB
Philips Handheld Immunoassays
Polymedco, Inc.
QBC Diagnostics, Inc.
Response Biomedical Corp
Serotec (AbD Serot
Smiths Medical MD, Inc. (formerly Deltec, Inc.)
Stanbio Laboratory
Taidoc Technology Corp.
Trinity Biotech plc
Via Medical Corporation

Vital Diagnostics

Other Players

AcroGenomics Inc.
Alfa Scientific Designs, Inc.
Amic AB
Astron Clinica
AspenBio Pharma, Inc.
AT First Diagnostic, LLC
bioLytical Laboratories Inc.
Biomagnetics Diagnostics Corporation
Bionime Corporation
BodyTel Scientific, Inc.
Burnet Institute
Celerus Diagnostics
Chelsea Technologies Group Ltd
Claros Diagnostics
CLX Medical, Inc.
ContraVac, Inc.
Decision Biomarkers Inc.
Diabetes Sentry Products Inc.
Diaglobal GmbH
Diagnostic Devices, Inc.
Diagnostics for All (DFA)
Diagnostics for the Real World (DRW)
Digital Bio Technology/ InCyto
Diversa Limited (formerly Ambri Ltd.)
DNAFORM
DxNA
Echo Therapeutics, Inc. (previously Sontra Medical)
Enigma Diagnostics Limited
Enterix Inc.
Entra Health Systems
Epocal, Inc.
EUMED Biotechnology Co. Ltd.
eScreen, Inc.
EyeMarker Systems, Inc.
Flexsite Diagnostics, Inc.

Fora Care
GenBio
Gene Smart Wellness
Gentag Inc.
Glucometrics, Inc.
Guided Therapeutics, Inc.
Hai Kang Life Corporation
HealthPia America
Heidelberger-Medical-Marketing GmbH (HMM GmbH)
Hema Metrics
Hoana Medical, Inc.
Idaho Technology, Inc.
Identa Corporation
Identigene
Innovative Biosensors, Inc.
Integrity Applications Ltd.
Intel Corporation
LifeAssays AB
LifeSign LLC
Lifestyle Choices Ltd
Luminous Medical, Inc.:
M-Biotech
Menssana Research, Inc.
Micromem Technologies Inc.
Micronics Inc.
MicroPhage, Inc.
Multilyte Limited
MycroLab Pty Ltd.
Nanomix, Inc.
National Jewish Health
Network Biosystems
Neuroptix Corporation
Noninvasive Medical Technologies, Inc.
OrSense Ltd.
OvumOptics, Inc.
Oxonica Diagnostics
PlaCor, Inc.
PointCare Technologies
Probe Scientific Ltd

Prometheus Laboratories Inc.
Q-linea
Quadraspec
QualSec, Inc
QuantRx Biomedical Corporation
Quotient Diagnostics
Rapid Pathogen Screening
Rennesens GmbH
Screening Devices Canada, Inc.
Sentinel Bioactive Paper Network
Sphere Medical Ltd.
SIENCO
Smiths Detection
Solei Systems, Inc.
Solianis Monitoring AG
SpheroSense Technologies Inc.
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Surface Enhanced Micro Optical Fluidic Systems
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