The DiagCORE® System
– a new solution for near patient testing

Dr. Claudia van de Sand, January 25th 2017, AMR Workshop, Oxford, UK
STAT-Diagnostica started in 2010
In vitro diagnostics company developing near patient testing solutions for patients with infectious diseases
Located in Barcelona, Spain
Venture Capital Financed / Serial C
Team counts now 48 people
Company is continuously growing

Located in modern facilities in a highly dynamic region
Near Patient Testing

Pathogens of interest

Speed

Antimicrobial Resistance

New variants

Costs

Sample types

Ease of Use

State-of-the-art technology

Multiple end users

Challenges of Near Patient Testing
The DiagCORE® System
The DiagCORE® Analyzer

Time to result: 30 – 80 minutes

Traceability – internal and external barcode readers

Proven Usability

HIS/LIS connectivity

GUI guiding through entire process from sample to data

Real Time PCR technology

Random access running several modules in parallel

Size: (20 x 42 x 29 cm)

Simple and smart principles with proven underpinning technologies
The DiagCORE® System

The DiagCORE® cartridge

- Single-use cartridge for different applications
- > 2 min hands on time one-step diagnostic
- Dry and wet reagents on board
- Up to 48-plex in real time PCR
- Flexible sample input volumes (100μl – 1,5ml)
- Liquid and solid samples
- Mechanical and chemical lysis
- Full Process Internal Control on board

Simple and smart principles with proven underpinning technologies
Sample in – Result out

Sample addition

Liquid or Solid Samples (e.g. NPS in UTM)

Swab Samples (e.g. dry swab)

Unrivalled Usability for True Walk-Away Near Patient Testing
The DiagCORE® Respiratory Panel

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<td>Rhinovirus / Enterovirus</td>
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Sample type: Nasopharyngeal Swabs in Transport Medium
Thank you

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