

# Antimicrobial Stewardship: The Role of *In Vitro* Diagnostics

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*IVDs: Transforming Patient Pathways*

## What is BIVDA?

- National industry association for manufacturers and distributors of IVDs in the UK
- Represent over 100 members from the IVD industry
- Members range from start-up companies to UK subsidiaries of multinational corporations

## IVDs and AMR

- Importance of IVDs in tackling the AMR challenge cannot be overstated
- This is because the use of modern diagnostic testing (in the lab or at the point-of-care), to direct antibiotic prescribing, has several benefits:
  - Reduce **time** to appropriate treatment decision
  - Reduce the **use** of broad-spectrum antibiotics
  - Reduce possible **side-effects** of unnecessarily aggressive antibiotics

## Case studies using CRP

Many studies have been done in the UK, regarding the use of C-Reactive Protein to determine prescription of antibiotics in primary care. Been introduced across Wales.

CRP has been shown to reduce community prescription by up to 40% in some countries

Barriers – cost, perception of time, engineering into practice

Case study 1 - 42yo man with persistent illness

Case Study 2 - 23yo woman with sudden illness

Case Study 3 - 28yo man with communication issues

# AMR Declaration

UK Industry launched a declaration in November this year during Antibiotic Awareness Week

(13-19 November)

Called for:

- Designated funding
- Re-Promotion of AMR

## Next Steps

- Through the AMR Working Party, industry is continuing to work together to call for:
  - Greater **uptake** of **existing** diagnostics
  - **Implementation** of the O'Neill Review
  - **Education** of the **public** about the role of IVDs
  - **Identification** and **adoption** of best AMR practice across the NHS

## Contact Us

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