An abstract graphic in the top left corner consisting of several overlapping white and yellow geometric shapes, resembling a stylized paper airplane or a cluster of triangles.

Point of Care 'C - Reactive Protein' (POC CRP) Testing in LRTI to Reduce Antimicrobial Prescribing and Resistance in Primary Care

27 June 2018

Preety (Emlata) Ramdutt

Lead Medicines Optimisation Pharmacist

(Presentation and Questions)

Balraj Minhas

Head of Medicines Optimisation

(Questions)

A decorative graphic in the bottom right corner consisting of a circular pattern of small dots in shades of green and blue, creating a halftone effect.

Overview

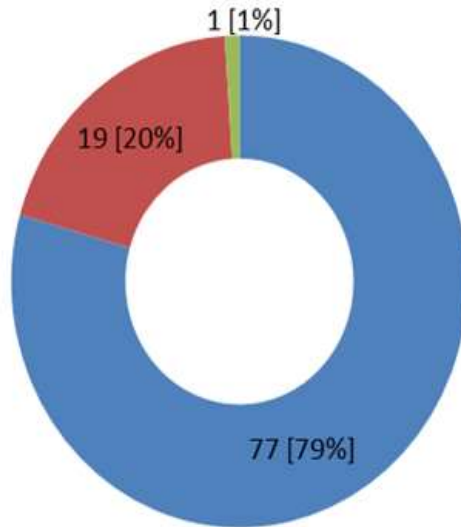
- **AMR Campaign with Swale CCG**
- **POC CRP testing was implemented as a pilot (total 6 months) in 2017**
 - Delayed Prescribing Policy
 - PHE Treat Your Infection Leaflets
 - 2 'QuickRead go' analysers (Roche Diagnostics)
 - 3 Outliers GP practices (1 x GP & 2 x Nurses)
- **Data was collected and analysed**



Outcome 1

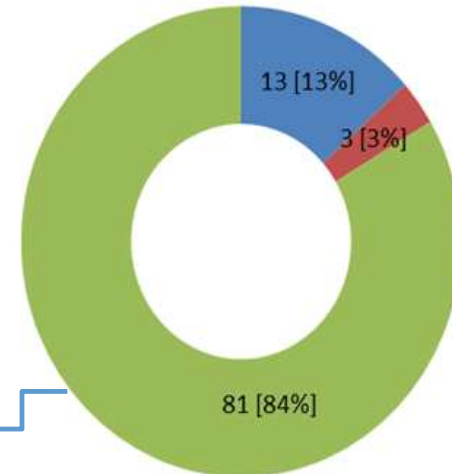
Number/ Percentage of Patients tested within each of the CRP level during the Pilot

■ CRP <20mg/L ■ CRP 20-100mg/L ■ CRP >100mg/L



Number / Percentage of Patients showing the actions taken after the CRP test during the Pilot

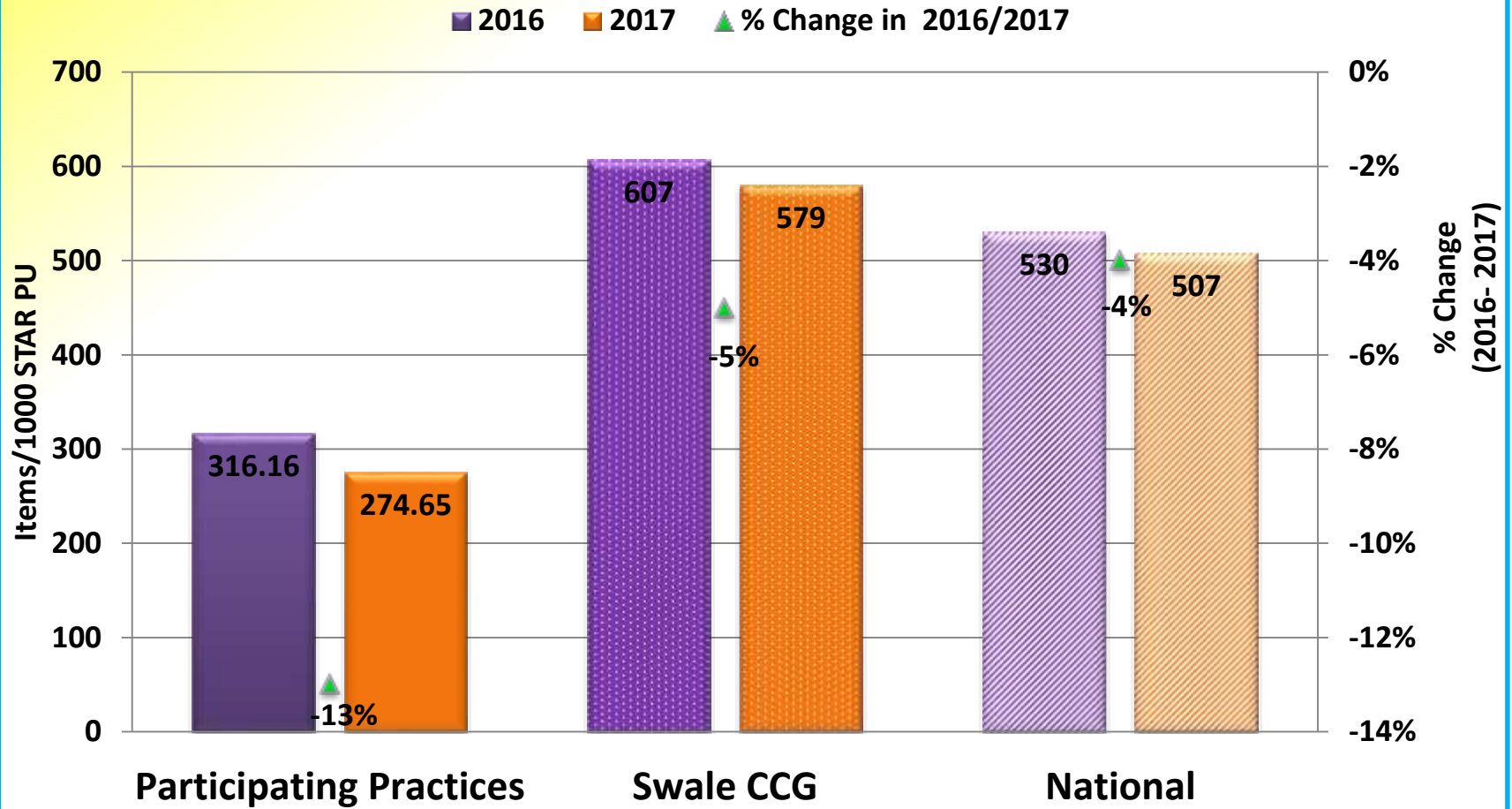
■ Immediate antibiotics ■ Delayed antibiotics ■ No antibiotics



72 % of 'No antibiotics' was in the CRP <20mg/L subgroup

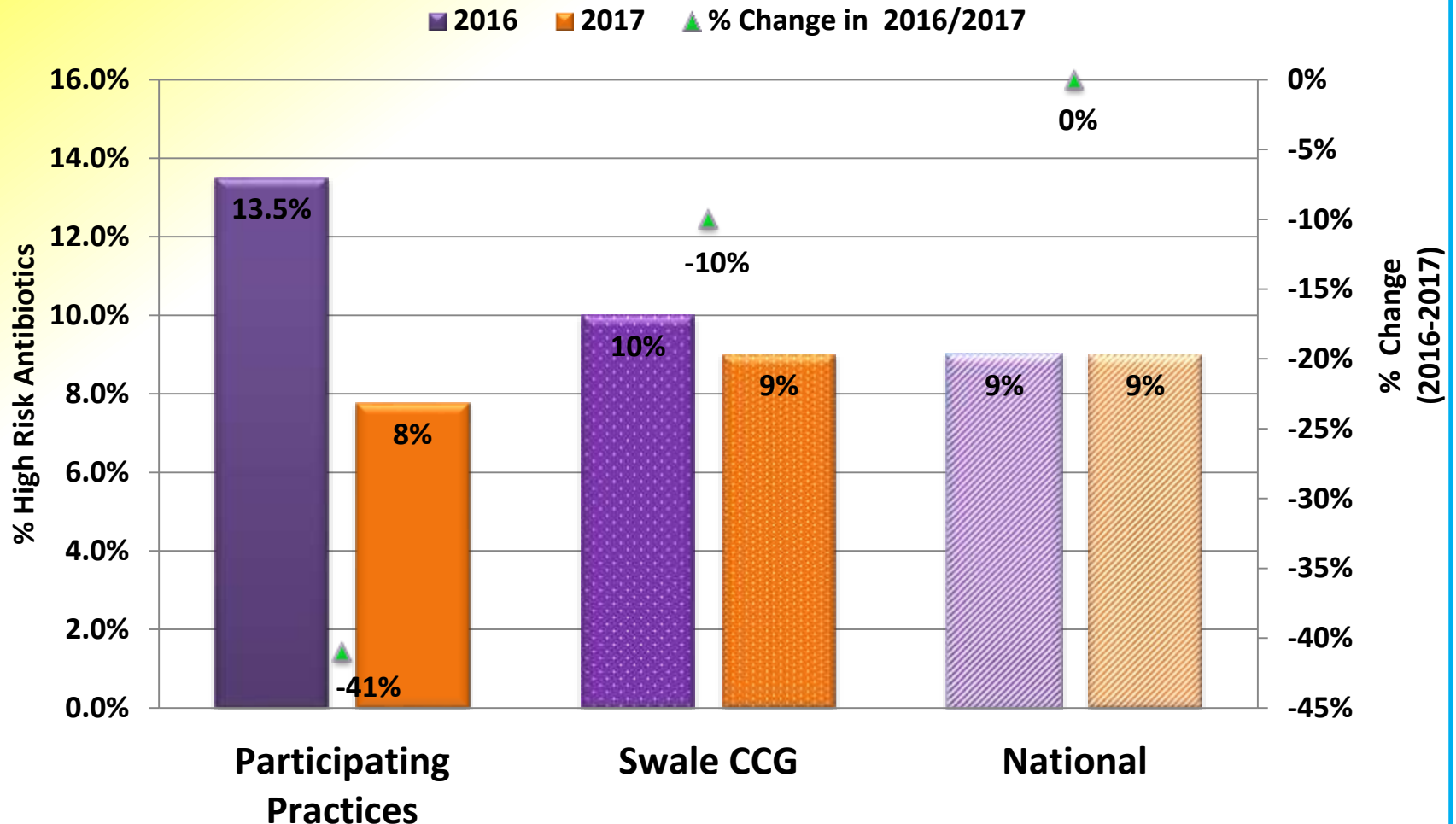
Outcome 2

Comparison of Total Antibiotics Prescribed for the participating practices for July to December 2017 against the same period in 2016 and Percentage Change



Outcome 3

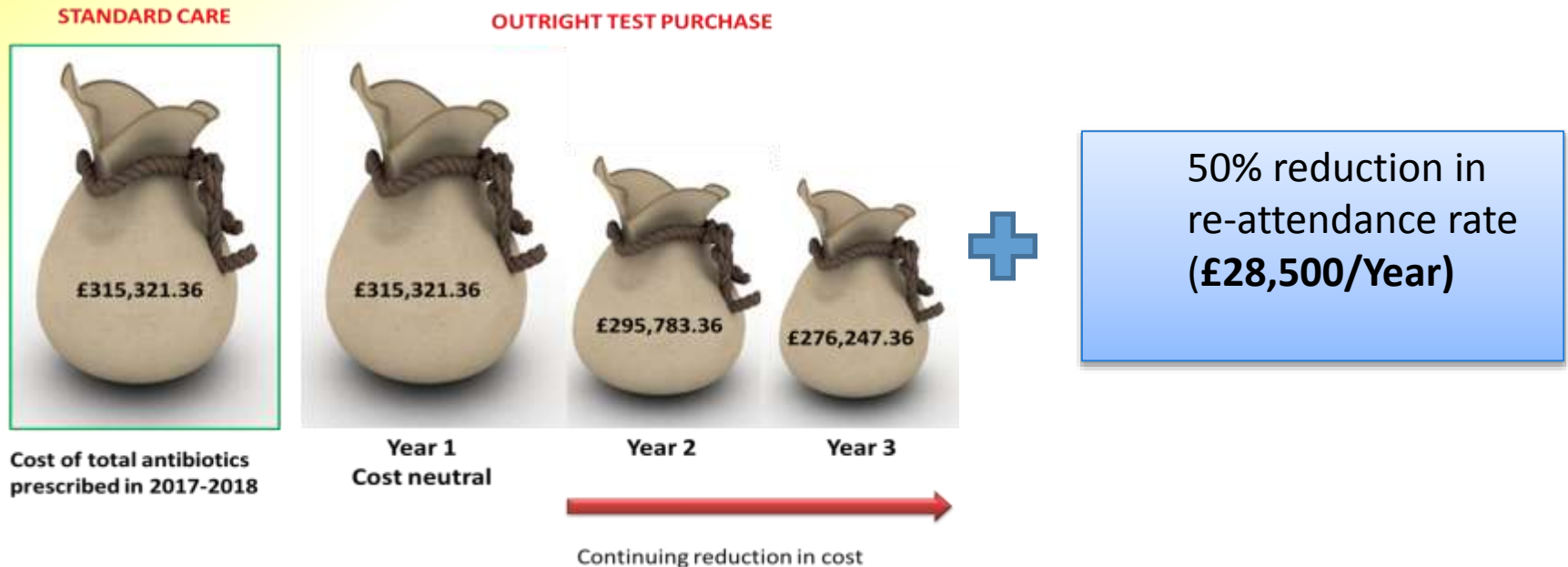
Comparison of Percentage High Risk Antibiotics Prescribed for the participating practices for July to December 2017 against the same period in 2016 and Percentage Change



Outcome 4

Cost Evaluation for implementation of 13 POC CRP analysers across the 18 CCG Practices

- Based on just the 13% reduction in antibiotics prescribing (**£41,000/Year**)



- Funding approved for 5 POC CRP analysers to continue with the project on a more permanent basis



Swale

Clinical Commissioning Group

Thank you !

