



# Antimicrobial Stewardship

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# Barnsley Primary Care Antimicrobial Prescribing Guidance update April 2023

- The Barnsley APC agreed to adopt the [NICE/PHE](#) Summary of antimicrobial prescribing guidance - managing common infections
- The *Summary* is a rapid reference containing recommendations around antimicrobial prescribing for a range of different infections and is updated at least quarterly
- [Local supporting guidance](#) has been developed and is intended to be used in conjunction with the NICE/PHE summary, to provide any additional information to clinicians supplementary to that which is already included in the NICE summary



## Methenamine Hippurate (urinary antiseptic)

### Recurrent UTI (non pregnant women)

- Continuous prophylaxis with methenamine hippurate can be considered as a first-line alternative to continuous antibiotic prophylaxis for recurrent UTI (non pregnant women)
- Methenamine Hippurate has a green classification on the Barnsley Formulary for recurrent UTI (non-pregnant women)
- NICE guidance on recurrent UTI (NG112) is currently being updated (focus on methenamine hippurate as prophylaxis) [NICE surveillance decision](#)
- Methenamine hippurate (methenamine in combination with hippuric acid) is a urinary antiseptic agent that is converted to formaldehyde in an acidic urine environment which is directly toxic to bacteria



## Methenamine Hippurate (urinary antiseptic)

- A RCT in 2022 (ALTAR trial) demonstrated methenamine hippurate was non-inferior to prophylactic antibiotics for reducing the incidence of symptomatic UTIs over a 12-month period [BMJ](#)
- Using continuous methenamine prophylaxis instead of long-term prophylactic antibiotic treatment, reduces the risk of developing antimicrobial resistance
- It is currently more cost effective to prescribe methenamine as the brand **Hiprex®** in primary care
- Methenamine should **NOT** be used for the treatment of UTIs
- Further information on methenamine and management of recurrent UTI can be found in [Primary Care Antimicrobial Prescribing Guidance - Barnsley Supporting Information](#)



## Otigo® ear drops (lidocaine and phenazone)

### Acute Otitis Media

- In March 2022, NICE ([NG91](#)) reviewed the evidence and added a recommendation on eardrops containing an anaesthetic and an analgesic because a licensed preparation, Otigo® (phenazone 40 mg/g with lidocaine 10 mg/g), is now available.
- Otigo® (4 drops two or three times a day for up to 7 days) can be considered when an immediate antibiotic is not given and there is no eardrum perforation or otorrhoea. Review treatment if symptoms do not improve at 7 days or worsen at any time.
- Otigo® ear drops have a green classification on the Barnsley Formulary for acute otitis media

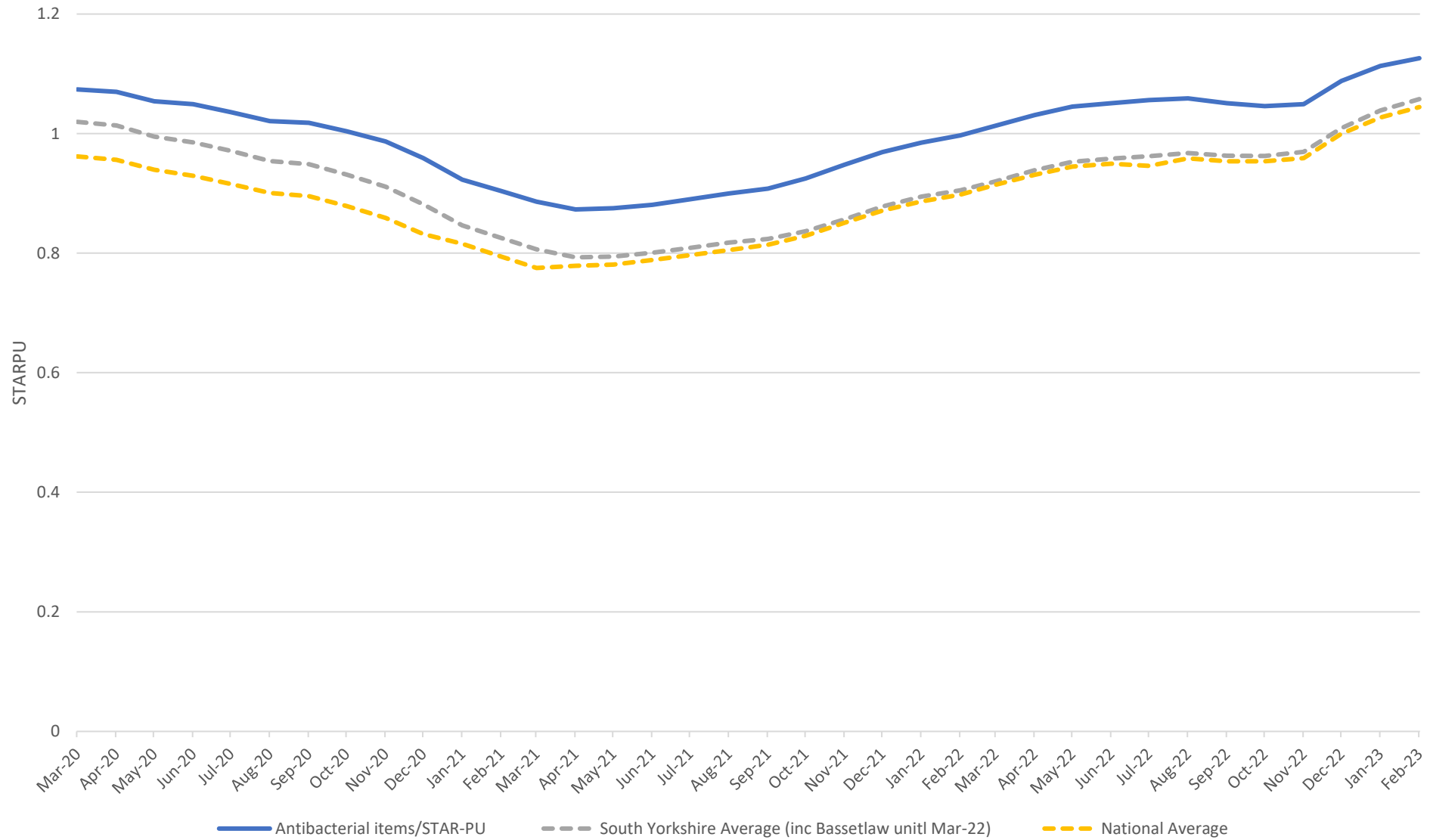


## **Medicines Optimisation Scheme 2023-24**

### **Antibiotic Prescribing and Antimicrobial Stewardship**

- AMS Practice Meeting by 15<sup>th</sup> September 2023
- Antibiotic practice prescribing data targets (items/STAR PU and % broad spectrum antibiotics) as in previous years
- Audits
  - Prophylactic antibiotics for UTIs (ongoing work)
  - Otitis media TARGET audit
  - Additional audits for practices not meeting the above expected targets

### 3 Year Trend Data Antibiotic Items/STAR PU (Rolling 12 Months) of Barnsley Compared to National and Local Area Average





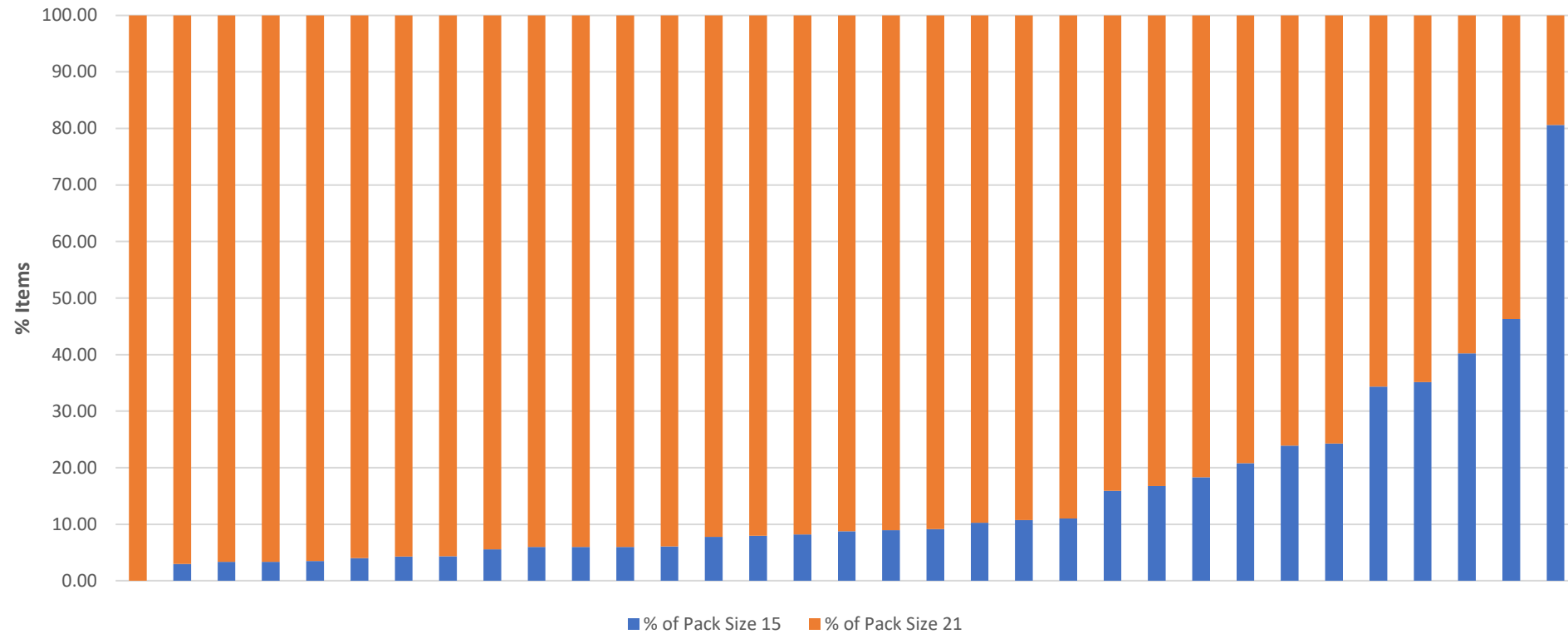
## Primary care updates

- NEY still has the highest level of antibiotic prescribing of any region, but low for broad spectrum and UTI antibiotics [Prescribing measures for NORTH EAST AND YORKSHIRE COMMISSIONING REGION | OpenPrescribing](#)
- Primary care prescribing: new duration dashboard for switching amoxicillin from 7 to 5 days reduce consumption by 29% as DDD per course & will save about £50k per ICB per year.
  - In Sep-22: NENC 46% were 5days, HNY 43%, WY 47%, SY 43%.
  - Wide variation between SICBL from 25% (Doncaster SICBL) to 68% (Leeds SICBL) as 5 days
  - Wide variation across Barnsley practices (0 to 46% Feb 2022 to Jan 2023)
- New TARGET toolkit for reviewing prophylactic antibiotics for COPD and Acne





## Amoxicillin 500mg Capsules Percentage Items for Pack Sizes 15 and 21 February 2022 - January 2023 (Barnsley variation)





## **SY AMR/IPC Steering Group**

Re-established – net thrown wide

Link between regional NEY, SYICB & Place based governance ( QIPPE & Barnsley APC)

Quarterly - first meet was 10<sup>th</sup> May 2023

Maintain momentum – System Improvement (T&F) sub-groups being established - pull together SY interested great & good with focus e.g's Allergy de-labelling, care home hydration