

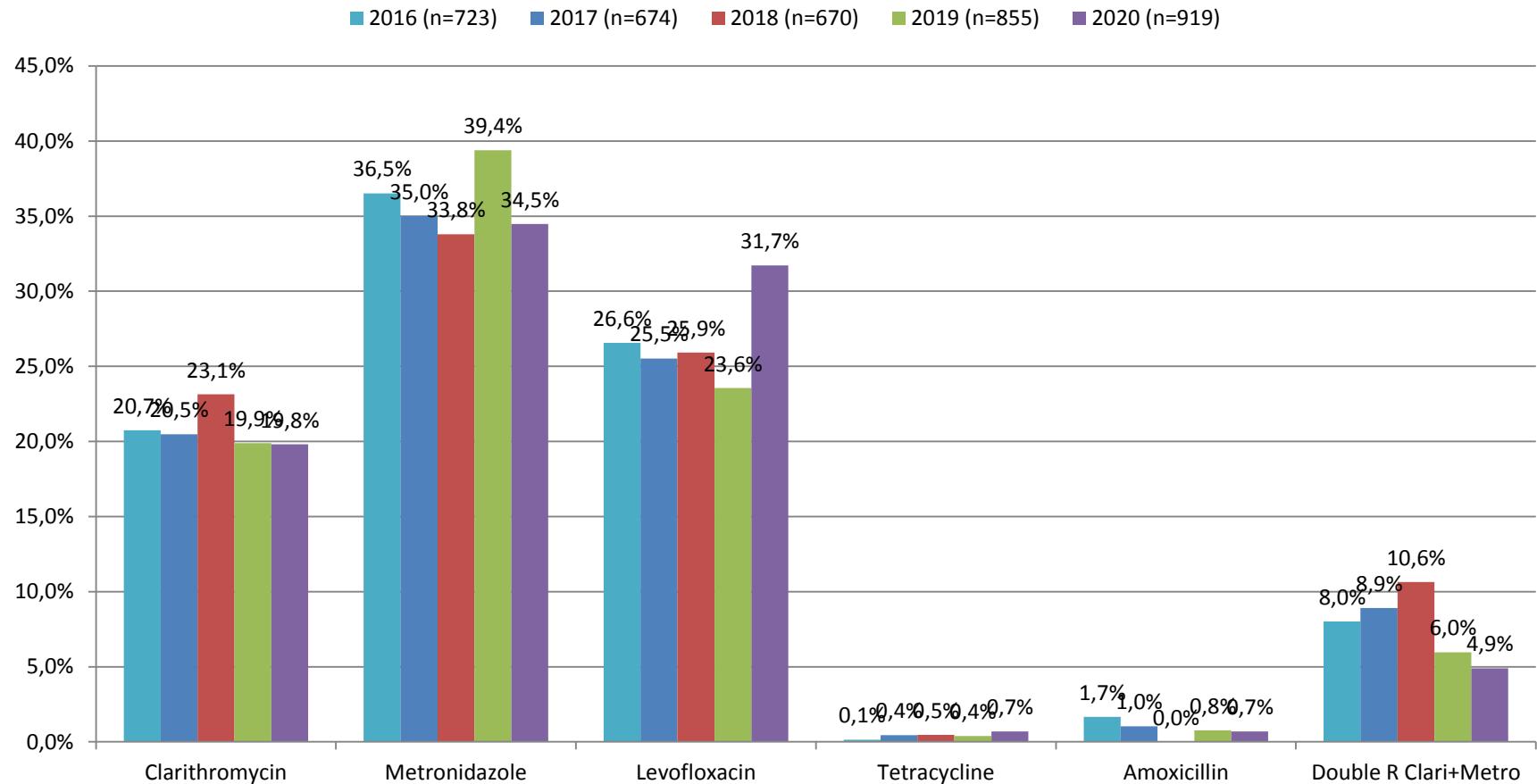


Antimicrobial resistance of *Helicobacter pylori* in Belgium: 2020 update

National Reference Center for *Helicobacter pylori*
CHU UCL Namur

Primary antimicrobial resistance rates of *H. pylori*

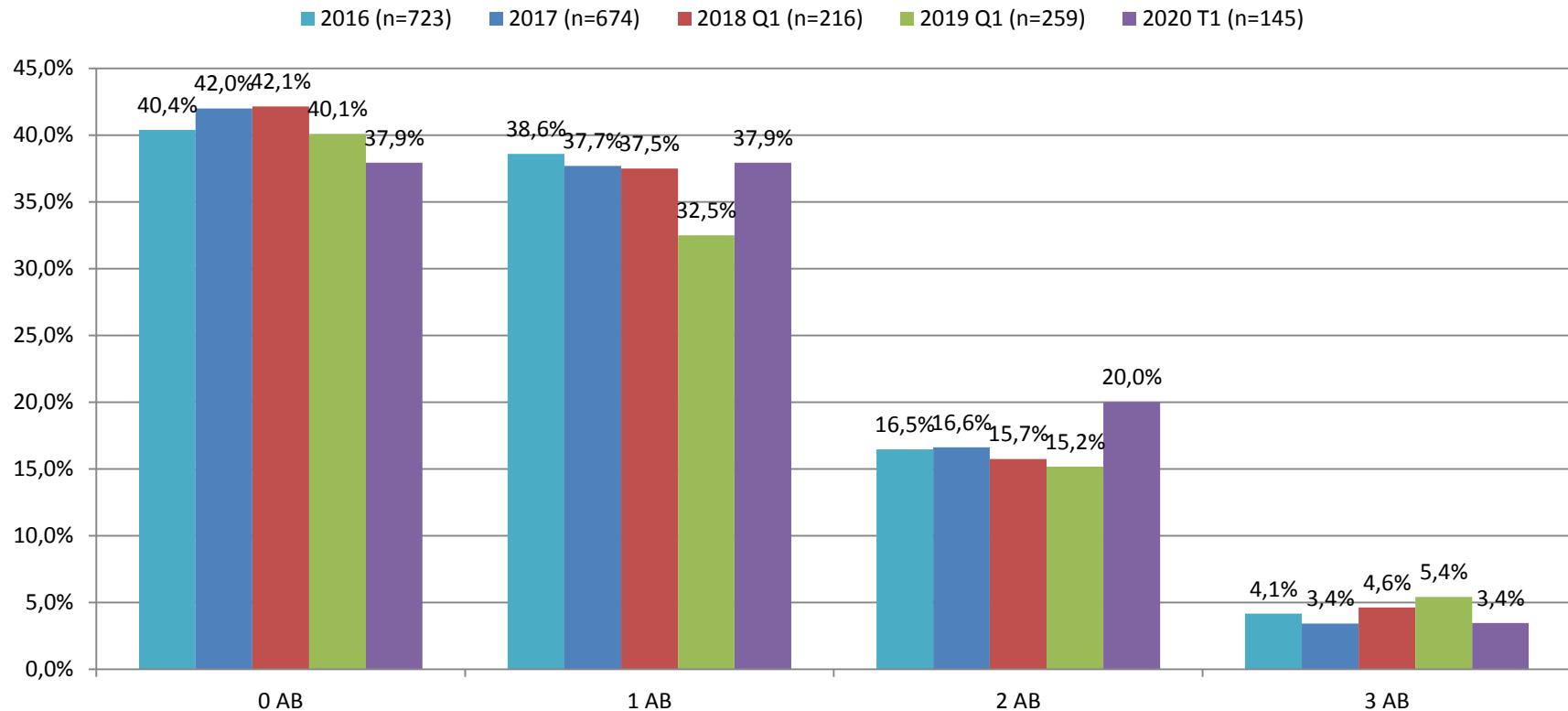
Primary resistance (%) of *H. pylori* at the NRC in Belgium*



- *Analysis from 6 centers (data may not be representative at a country level): Hp positive rate of 19.4% in 2020 (5086 biopsies)
- In 2020, total number of cultured isolates or PCR Hp positive samples analyzed for primary R rate of:
 - clarithromycin (n=814),
 - metronidazole, levofloxacin, tetracycline, amoxicillin (n=145 Hp strains)
 - double R to clari+metro (n=734)

Number of antimicrobial agents for which a primary resistance of *H. pylori* is observed

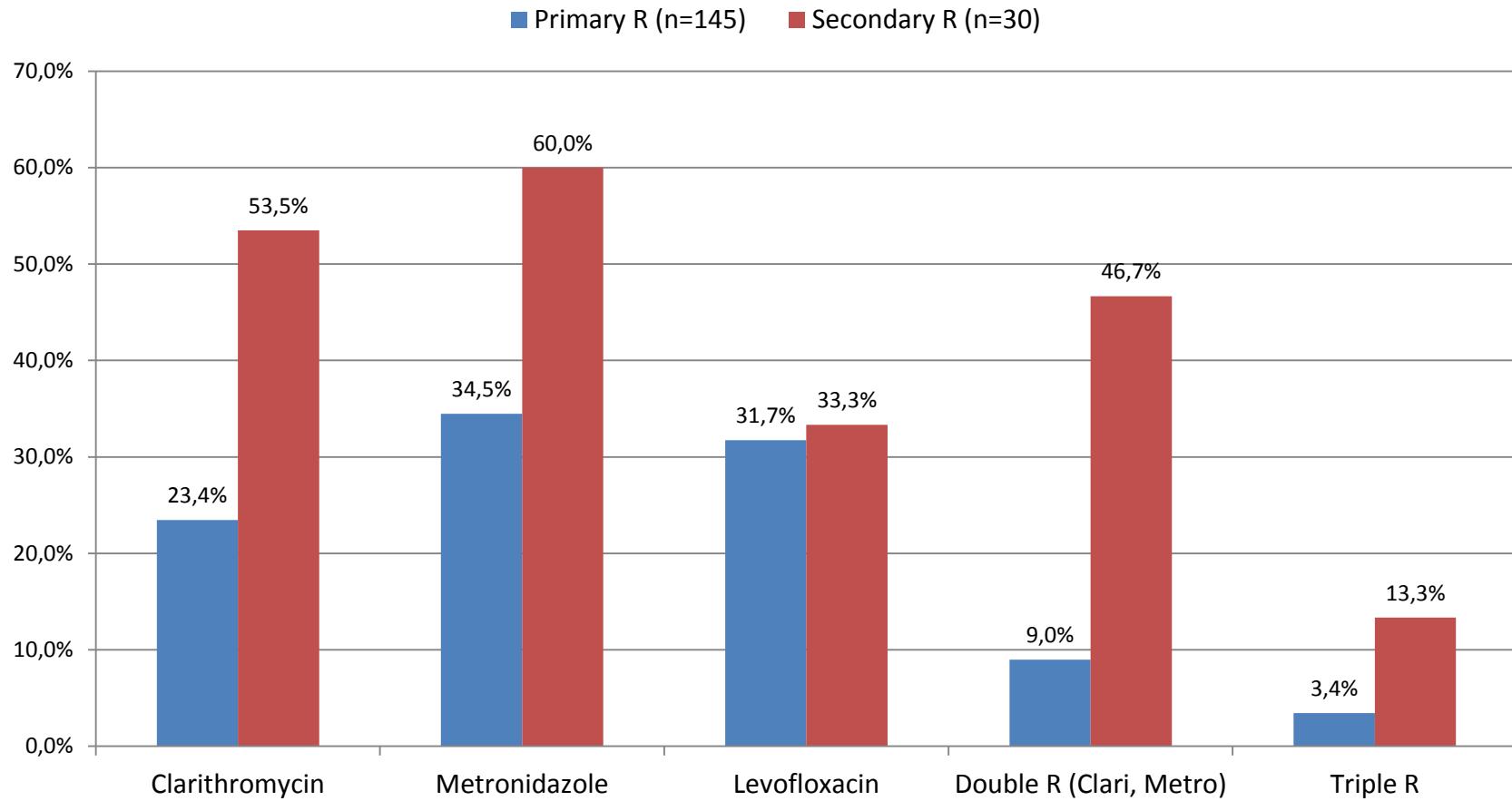
Primary resistance (%) of *H. pylori* at the NRC in Belgium*



NB: Isolates for which resistance is observed to ≥ 2 different classes of antimicrobial agents may possibly be 2nd resistance misclassified as primary resistance) due to the lack of information/communication of previous exposure to antimicrobial treatment

Primary and secondary resistances (%) among *H. pylori*

Primary and secondary resistances (%) of *H. pylori*, NRC Belgium 2019-2020



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Primary and secondary resistances (%) of *H. pylori*, NRC Belgium 2019-2020

