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Introduction

Objective

Methods

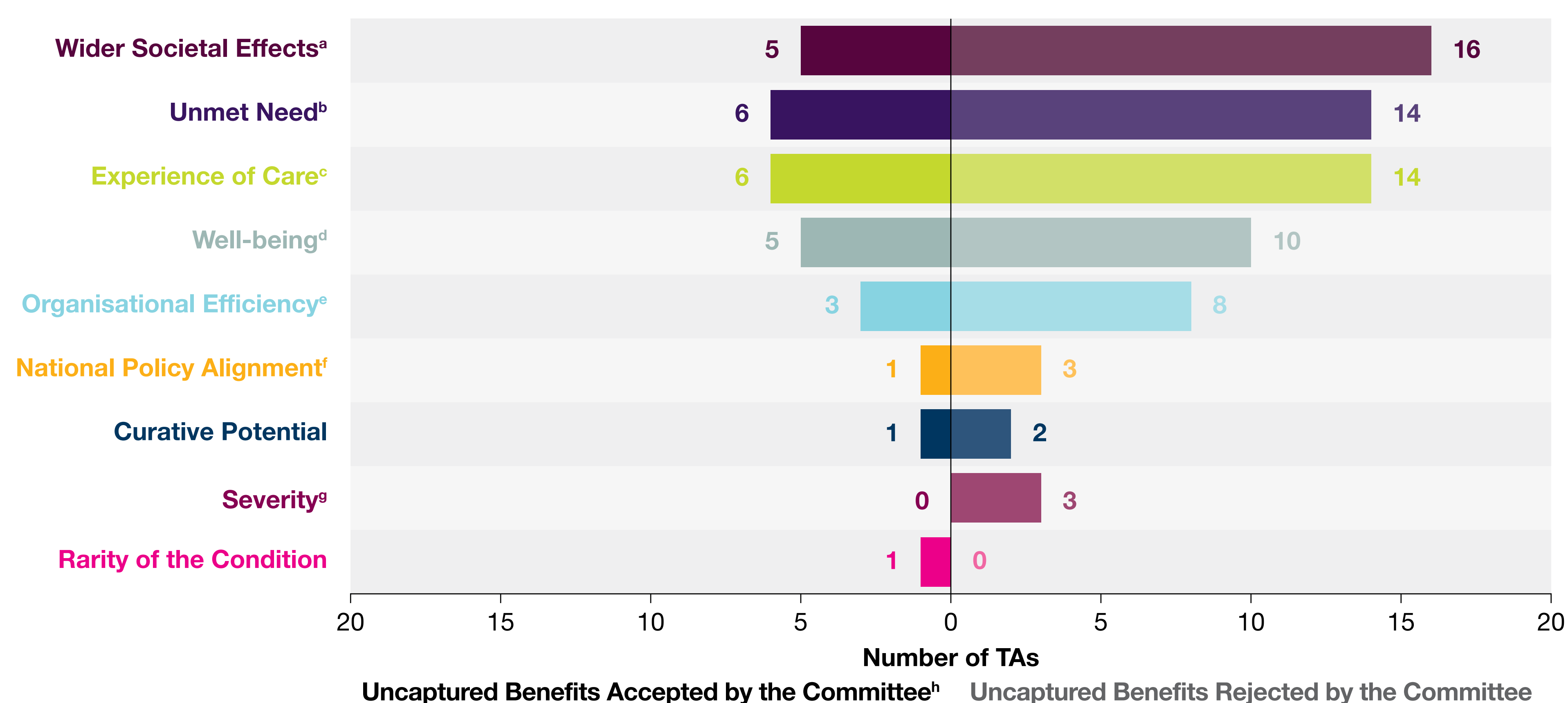
- ## Results

- Uncaptured benefits arguments were presented by manufacturers in 50 of 86 TAs (58%), with a year-on-year increase from 12/33 (36%) in 2023 to 17/20 (85%) in the first half of 2025 (**Figure 1**). Acceptance of uncaptured benefits arguments by the committee also increased over this period (**Figure 1**).
- Uncaptured benefit arguments presented were most often related to the wider societal effects, experience of care and unmet needs aspects of the Association of the British Pharmaceutical Industry (ABPI) value elements framework (**Figure 2**).⁷ There was no clear trend in acceptance or rejection of specific uncaptured benefits arguments by committees.
- Manufacturers presented no evidence to support the submitted uncaptured benefits arguments in a considerable proportion of TAs (30%, n=15/50). Of the remaining 35 TAs presenting uncaptured benefits arguments, manufacturers presented multiple sources of evidence in the majority of cases (57%, n=20/35). The quality of evidence sources was highly variable across TAs (**Figure 3**).

- When the incremental cost-effectiveness ratio (ICER) exceeds £20,000 per QALY, NICE consider several factors when selecting an appropriate WTP threshold (WTP_{PT}), including uncaptured benefits. A specific WTP_{PT} was defined in 42 TAs included in this review. Although the majority of TAs with a specified WTP_{PT} in which uncaptured benefits were accepted by the committee were assigned a WTP_{PT} of £30,000 (56%; n=10/18), some (17%; n=3/18) were assigned a WTP_{PT} of £20,000 (**Figure 4**). The impact of uncaptured benefits on WTP_{PT}s therefore remains unclear and must be considered in the context of other factors, such as uncertainty (explored further in **Poster HTA105 - Determinants of Willingness to Pay Thresholds in NICE Oncology Technology Appraisals**).

Conclusion

Figure 1: Frequency and Acceptance of Uncaptured Benefits Arguments Over Time



Footnotes: ¹Wider societal effects: productivity, caregiver QoL, ²Unmet Need: addressing a very high unmet need, possibility to benefit from future treatments, ³Experience of Care: number of hospital visits/appointments, easier administration, reduced adverse effects, ⁴Well-being: improved health, increased hope, ⁵Organisational Efficiency: number of hospital visits/appointments, NHS capacity issues, ⁶National Policy Alignment: sustainability benefits, ⁷Severity has been formally included in the QALY calculation through the severity modifier since 2022 ⁸In some TAs (n=4) the committee did not accept the uncaptured benefits argument submitted by the company but did accept an uncaptured benefits argument raised by clinician or patient stakeholders during the appraisal process. The data included included in this figure specifically relate to the uncaptured benefits argument submitted by the company

Figure 3: Evidence Used to Support the Presented Uncaptured Benefits Arguments

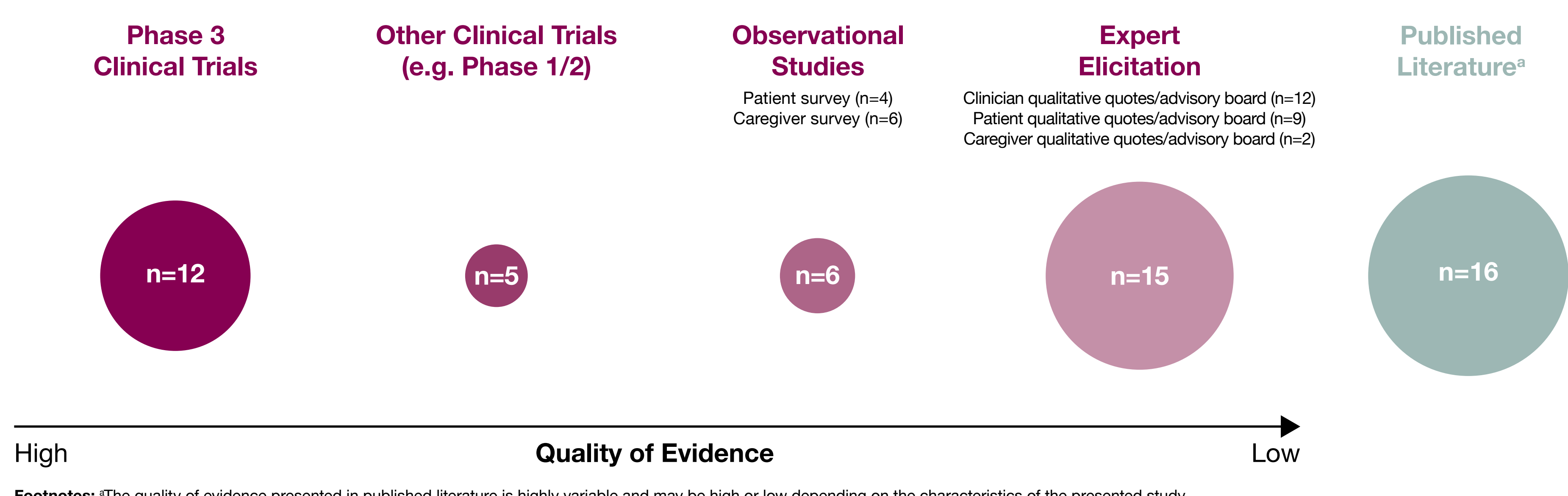
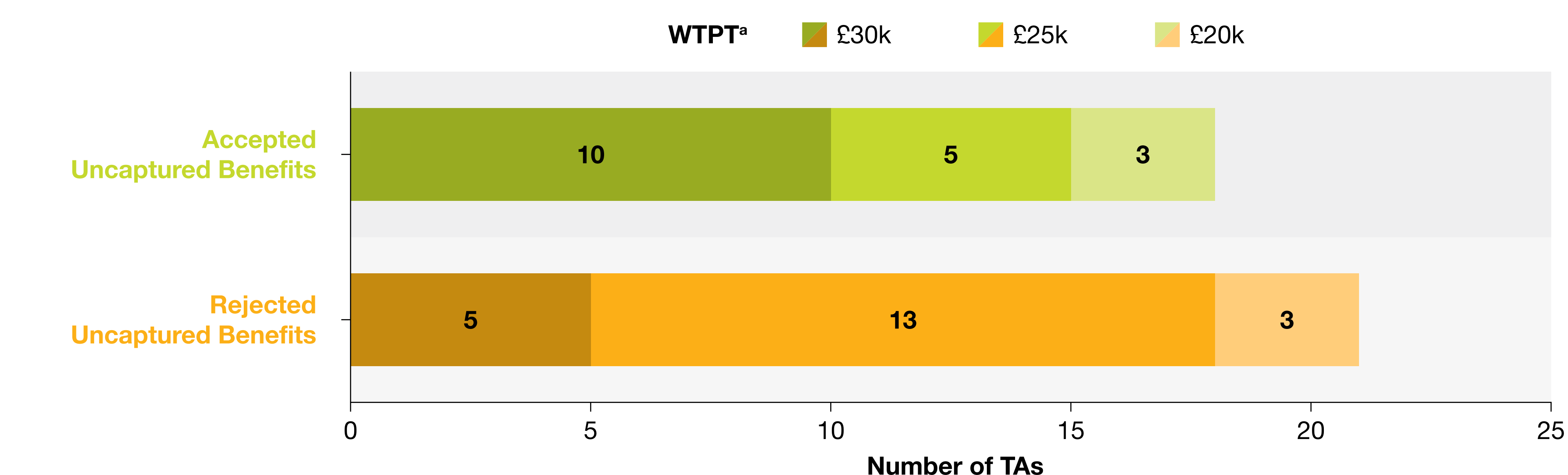


Figure 4: Impact of Uncaptured Benefits Arguments on WTP thresholds



Footnotes: ^aSome appraisals did not report an ICER threshold or did not require one

Abbreviations:

ABPI: Association of the British Pharmaceutical Industry; **FDG:** final draft guidance; **ICER:** incremental cost-effectiveness ratio; **ISPOR:** International Society of Pharmacoeconomics Outcomes Research; **NHS:** National Health Service; **NICE:** National Institute for Health and Care Excellence; **QALY:** quality-adjusted life year; **QoL:** quality of life; **TAs:** technology appraisals; **UK:** United Kingdom; **WTP:** willingness-to-pay; **WTPT:** willingness-to-pay threshold.

References:

¹Health Economics Methods Advisory (2025). Available at: <https://hemamethods.org/2025/03/18/health-economics-methods-advisory-group-selects-first-area-for-study-assessing-treatment-benefits-appropriate-to-consider-in-hta-decision-making/> [Last accessed 29 Aug 25];
²Lakdawalla D. et al. *Value Health* 2018;21(2):131–9; *Neumann P. et al. *Value Health* 2022;25(4):558–65; *Shafirin J. et al. *Forum Health Econ Policy* 2024;27(1):29–116; *NICE (2025). NICE health technology evaluations: the manual. Available at: <https://www.nice.org.uk/process/pmg36/resources/nice-health-technology-evaluations-the-manual-pdf-7282679244741> [Last accessed 27 Aug 2025]; *Atkinson E. et al. HTA193. Presented at ISPOR Europe, 12–15 November 2023. Copenhagen, Denmark; *The Association of the British Pharmaceutical Industry (2020). Available at: <https://www.abpi.org.uk/media/ikrh00qz/abpi-extended-value-appraisal-proposal-for-the-nice-methods-review.pdf> [Last accessed 29 Aug 25].

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Disclosures:

AG. OO. PM. GS. employees and shareholders of AstraZeneca