

Cetuximab versus Bevacizumab in Metastatic Colorectal Cancer: A Comparative Effectiveness and Patient-Reported Outcomes Multi-Cohort Study

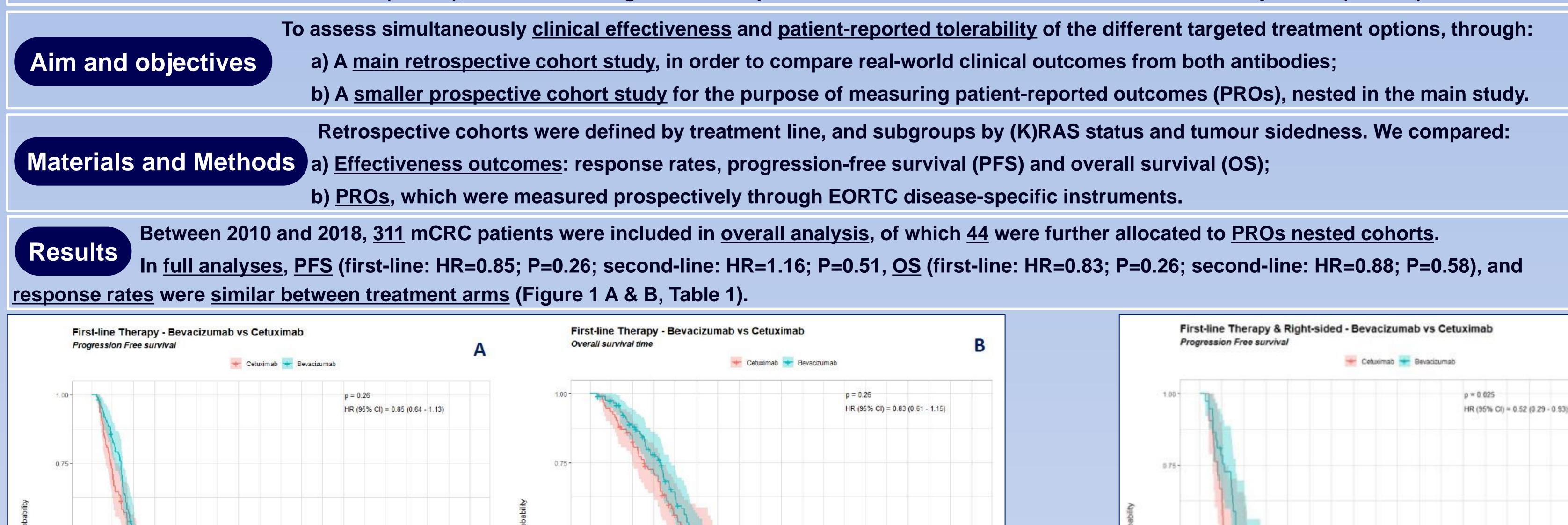
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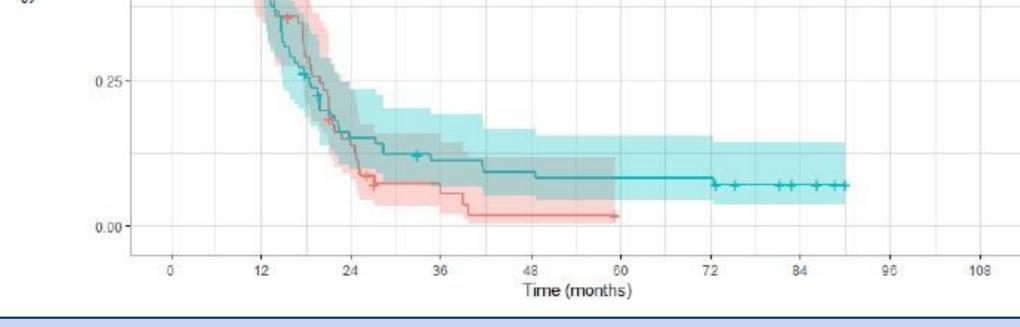
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Background and importance

Uncertainty exists regarding comparative effectiveness of cetuximab versus bevacizumab in metastatic colorectal cancer (mCRC), due to conflicting evidence of previous randomised trials and the absence of Quality of Life (HRQoL) studies.





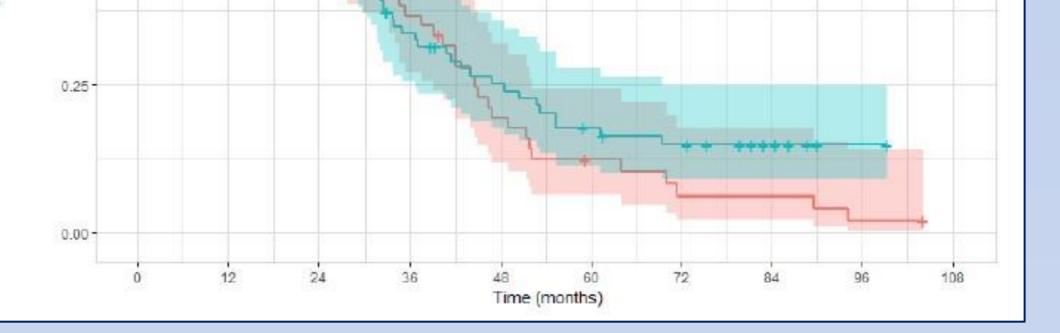


Figure 1 – Kaplan–Meier estimates of PFS (A) and OS (B) of full first-line cohorts, according to treatment group.

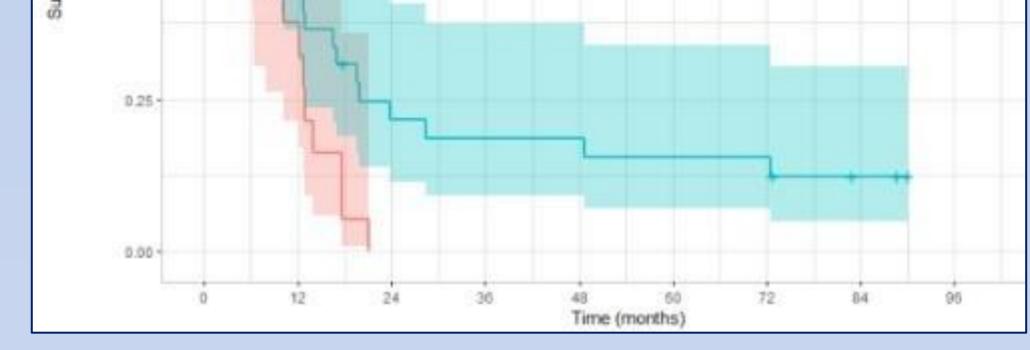
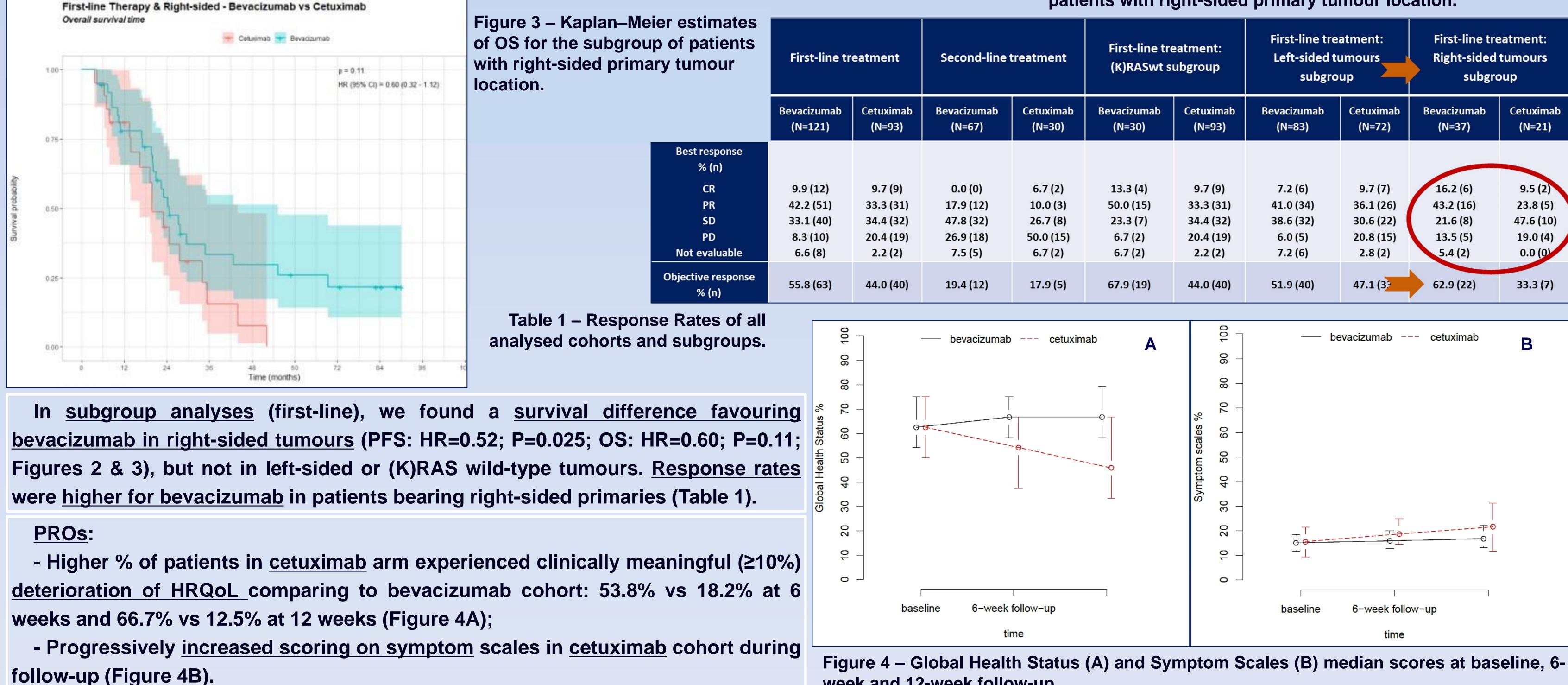
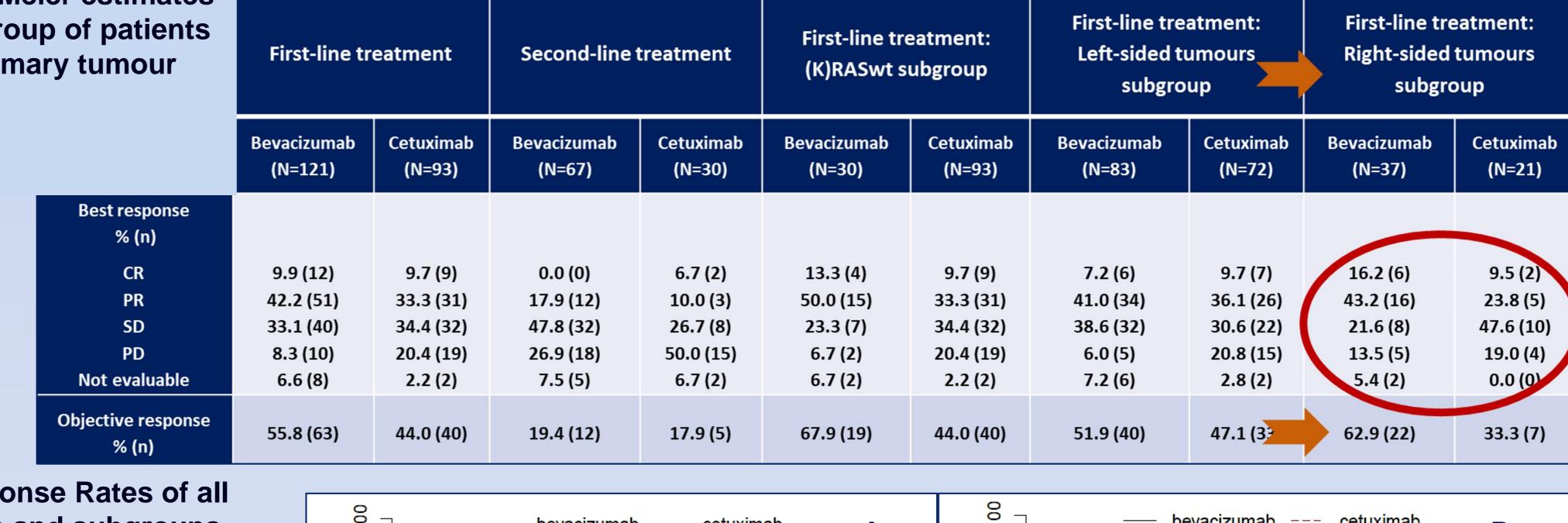


Figure 2 – Kaplan–Meier estimates of PFS for the subgroup of patients with right-sided primary tumour location.





0.50

week and 12-week follow-up.

Conclusion and Relevance

We found evidence suggesting bevacizumab and cetuximab-containing regimens result in similar clinical effectiveness outcomes in mCRC, except for right-sided tumours, where bevacizumab performed substantially better. Cetuximab led to a

progressive negative impact on HRQoL, when compared to baseline and bevacizumab. These findings should be further explored through randomised studies.