Electronic supplementary material

Comparative Effectiveness and Safety of Monoclonal Antibodies (Bevacizumab, Cetuximab, and Panitumumab) in Combination with Chemotherapy for Metastatic Colorectal Cancer: A Systematic Review and Meta-Analysis.

BioDrugs

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Tables

Table 1E: Search Strategies

		Studies
Databases	Search strategies	November 2017
The Cochrane Library	#1 MeSH descriptor: [Colorectal Neoplasms] explode all trees #2 Colorectal Neoplasms:ti,ab,kw (Word variations have been searched) #3 Colorectal Cancer:ti,ab,kw (Word variations have been searched #4 #1 or #2 or #3 #5 "cetuximab":ti,ab,kw (Word variations have been searched) #6 erbitux:ti,ab,kw (Word variations have been searched) #7 panitumumab: ti,ab,kw (Word variations have been searched) #8 vectibix:ti,ab,kw (Word variations have been searched) #10 avastin:ti,ab,kw (Word variations have been searched) #10 avastin:ti,ab,kw (Word variations have been searched) #10 avastin:ti,ab,kw (Word variations have been searched) #11 #5 or #6 or #7 or #8 or #9 or #10 #12 #4 and #11	733
Medline (Via Pubmed)	((((((((((((((((((((((((((((((((((((((1107

(studies, closed cohort) OR (incidence studies) OR (incidence study) OR (studies, incidence) OR (study, incidence) OR (cohort studies) OR (cohort) OR (cohort analysis) OR (cohort study) OR (prospective cohort) OR (retrospective cohort) OR (retrospective cohort study) OR (prospective cohort study) OR ("Follow-Up Studies" [Mesh]) OR (follow up studies) OR (follow-up study) OR (studies, follow-up) OR (study, follow-up) OR (or ("Epidemiologic Studies" [Mesh]) OR "Cross-Sectional Studies" [Mesh]) OR "Retrospective Studies" [Mesh] OR "Longitudinal Studies" [Mesh]) OR "Prospective Studies" [Mesh]))

Lilacs

(tw:((tw:(Colorectal Neoplasms)) OR (tw:(NeoplasiasColorrectales)) OR (tw:(NeoplasiasColorretais)) OR (tw:(Colorectal Cancer)))) AND (tw:((tw:(cetuximab)) OR (tw:(erbitux)) OR (tw:(panitumumab)) OR (tw:(vectibix)) OR (tw:(bevacizumab)) OR (tw:(avastin))))

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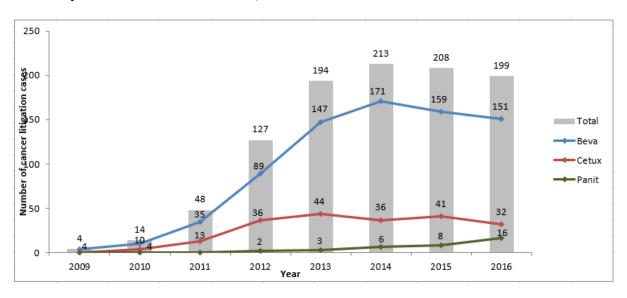
EMBASE

'colorectal tumor'/exp AND [embase]/lim OR (colorectal neoplasia AND [embase]/lim) (colorectal neoplasm AND [embase]/lim) OR (colorectal neoplasms AND [embase]/lim) OR (colorectal tumour AND [embase]/lim) OR (tumor, colorectal AND [embase]/lim) OR (tumour, colorectal AND [embase]/lim) AND ('cetuximab'/exp AND [embase]/lim) OR (erbitux AND [embase]/lim) OR [embase]/lim OR (c\$225 AND (imc\$225 AND [embase]/lim) OR (imc\$c225 AND [embase]/lim) OR (imcc\$225 AND [embase]/lim) OR (monoclonal antibody AND c\$225 AND [embase]/lim) OR ('panitumumab'/exp AND [embase]/lim) OR (abx AND egf AND [embase]/lim) OR (abx\$egf AND monoclonal AND antibody AND [embase]/lim) OR (monoclonal AND antibody AND abx AND egf AND [embase]/lim) OR (vectibex AND [embase]/lim) OR (vectibix AND [embase]/lim) OR ('bevacizumab'/exp AND [embase]/lim) OR (altuzan AND [embase]/lim) OR (avastin AND [embase]/lim) OR (nsc\$704865 AND [embase]/lim)) AND ('cohort analysis'/exp AND [embase]/lim OR ('longitudinal study'/exp AND [embase]/lim) OR ('prospective study'/exp AND [embase]/lim) OR ('follow up'/exp AND [embase]/lim) OR ('cohort\$' AND [embase]/lim))

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Figures

Figure 1E: Evolution number of Cancer litigation cases on bevacizumab, cetuximab and panitumumab/ year in Minas Gerais – Brazil, 2009-2016.



NB: BEVA= Bevacizumab; CETUX= Cetuximab; PANIT= Panitumumab. Data from the Núcleo de Atendimento à Judicialização da Saúde (NAJS) SES-MG, in June 2017

Figure 2E. Flowchart of the studies included

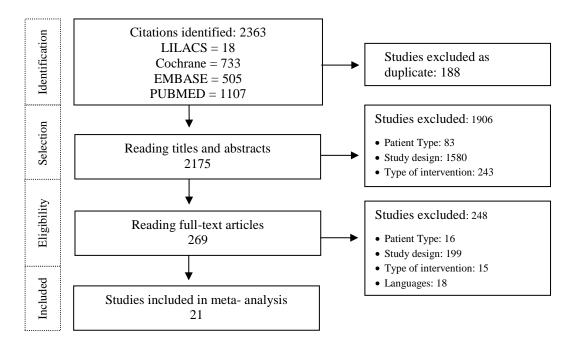
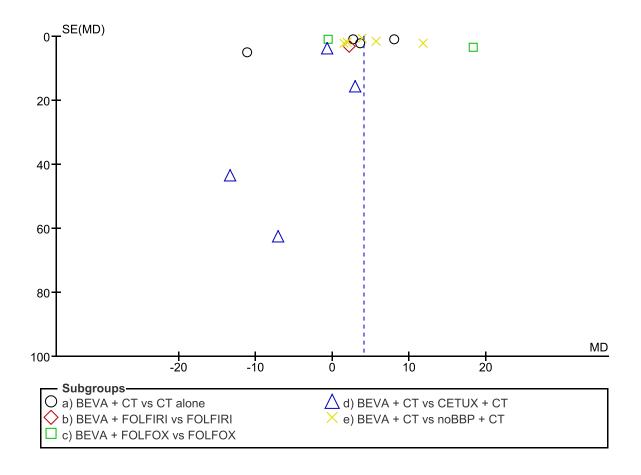
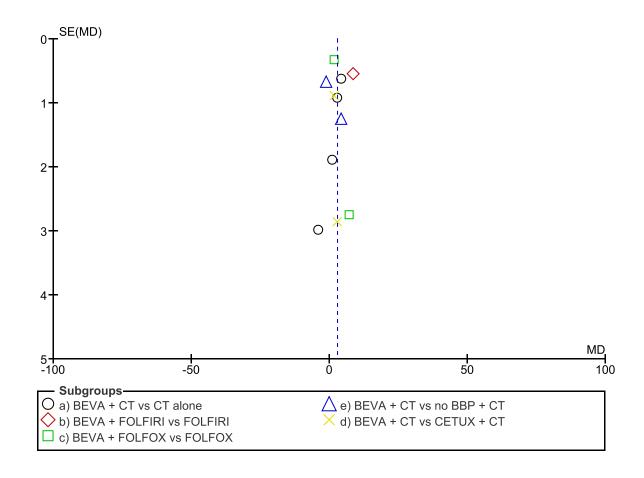


Figure 3E – Overall Survival Funnel Plot



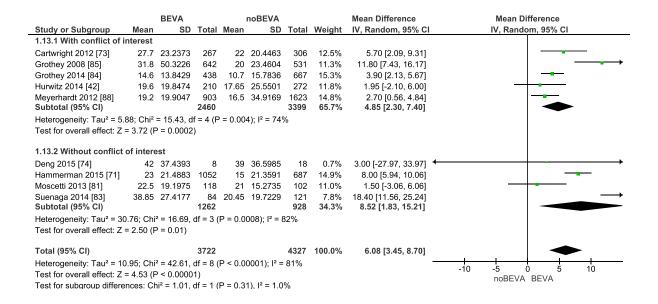
NB: BEVA= Bevacizumab; CT = Chemotherapy; CETUX = cetuximab; MD = Mean Difference; no BBP = no bevacizumab beyond progression.

Figure 4E – Progression Free Survival Funnel Plot



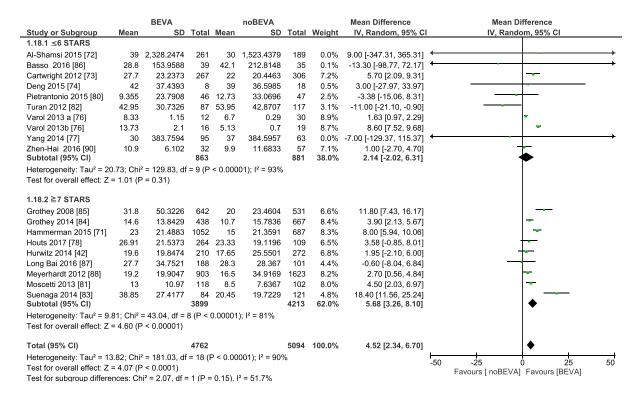
NB: BEVA= Bevacizumab; CT = Chemotherapy; CETUX = cetuximab; MD = Mean Difference; no BBP = no bevacizumab beyond progression.

Figure 5E – Conflict of Interest Forest Plot



BEVA= Bevacizumab; CI: confidence interval; I^2 - Heterogeneity; I^2 > 50% and p-value of the chi-square test <0.10 indicate significant heterogeneity between the studies;; no BEVA = other therapeutic schemes that did not contain BEVA; SD = Standard Deviation.

Figure 6E – Quality of the studies-Newcastle-Ottawa scale Forest Plot



BEVA= Bevacizumab; CI: confidence interval; I^2 - Heterogeneity; I^2 > 50% and p-value of the chi-square test <0.10 indicate significant heterogeneity between the studies;; no BEVA = other therapeutic schemes that did not contain BEVA; SD = Standard Deviation.