

Search Process (up to December, 2014)

1. Databases, results and search strategies

PubMed: 60 studies

Search strategies: (circulating tumor cells OR micrometastasis OR disseminated tumor cells OR isolated tumor cells OR occult tumor cells) AND CellSearch AND (colorectal cancer OR rectal cancer OR colon cancer)

Embase: 106 studies

Search strategies: (circulating tumor cells OR micrometastasis OR disseminated tumor cells OR isolated tumor cells OR occult tumor cells).af. AND (CellSearch).af. AND (colorectal cancer OR rectal cancer OR colon cancer).af.

Web of Science: 110 studies

Search strategies: (TS=circulating tumor cells OR TS=micrometastasis OR TS=disseminated tumor cells OR TS=isolated tumor cells OR TS=occult tumor cells) AND TS=CellSearch AND (TS=colorectal cancer OR TS=rectal cancer OR TS=colon cancer)

Cochrane Library: 3 studies

Search strategies: (circulating tumor cells OR micrometastasis OR disseminated tumor cells OR isolated tumor cells OR occult tumor cells) AND CellSearch AND (colorectal cancer OR rectal cancer OR colon cancer)

Manual search for reference lists: 13 studies

2. Excluded Studies by screening title and abstract

(1): 40 studies with other cancer:

1. Zovato S, Opocher G, Rossi E, Indraccolo S, Amadori A, Pastorelli D, Lombardi G, Anglani M, Zamarchi R: **Predictive value and biologic significance of circulating tumor cells (CTC) in sporadic and von hippel lindau (VHL) renal cancer.** In., vol. 7, 2-3 edn: Elsevier Ltd; 2009: 436-437.
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 12. Samoila A, Wan M, Anand A, Chuang T, Scher HI, Fleisher M, Danila DC: **A pilot study comparing the sensitivity of detecting prostate associated transcripts by AdnaTest prostate assay to CellSearch in whole blood from patients with castration resistant prostate cancer.** In., vol. 14, 6 edn: Elsevier; 2012: 709.
 13. Poveda A, Kaye SB, McCormack R, Wang S, Parekh T, Ricci D, Lebedinsky CA, Tercero JC, Zintl P, Monk BJ: **Circulating tumor cells predict progression free survival and overall survival in patients with relapsed/recurrent advanced ovarian cancer.** *Gynecologic oncology* 2011, **122**(3):567-572.
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(2): 71 studies not relevant

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4. Included Studies

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