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New active drugs **2** for the treatment of advanced colorectal cancer

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Abstract

Newer active drugs have been recently added to the pharmacological armamentarium for the treatment of metastatic colorectal cancer. Aflibercept, a recombinant fusion protein composed of the extracellular domains of human vascular endothelial growth factor (VEGFR) receptors 1 and 2 and the Fc portion of human immunoglobulin G1 (IgG1), is an attractive second-line option in combination with folfox for patients who have failed folfox +/- bevacizumab. Ramucirumab, a human IgG1 monoclonal antibody that targets VEGFR-2, provided similar results in the same setting. Tas-102, an oral fluoropyrimidine, and Regorafenib, a multi-TKI inhibitor, are both able to control the disease in a considerable proportion of patients when all other available treatments have failed. These new therapeutic options along with the emerging concept that previous therapies may also be reintroduced or rechallenged after regorafenib and Tas-102 failure are bringing new hope for thousands of patients and their families.

Key words: Colorectal cancer; Aflibercept; Ramucirumab; Tas-102; Regorafenib

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