



## Prognostic factors in node-negative colorectal cancer: a retrospective study from a prospective database

Submitted by Véronique Bourgeois on Tue, 06/23/2015 - 15:47

Titre	Prognostic factors in node-negative colorectal cancer: a retrospective study from a prospective database
Type de publication	Article de revue
Auteur	Desolneux, Grégoire [1], Burtin, Pascal [2], Lermite, Emilie [3], Bergamaschi, Roberto [4], Hamy, Antoine [5], Arnaud, Jean-Pierre [6]
Pays	Allemagne
Editeur	Springer Verlag
Ville	Berlin
Type	Article scientifique dans une revue à comité de lecture
Année	2010
Langue	Anglais
Date	Juil. 2010
Numéro	7
Pagination	829-834
Volume	25
Titre de la revue	International Journal of Colorectal Disease
ISSN	1432-1262
Mots-clés	Adult [7], Aged [8], Aged, 80 and over [9], Colorectal Neoplasms [10], Databases as Topic [11], Female [12], Humans [13], Kaplan-Meier Estimate [14], Lymph Nodes [15], Male [16], Middle Aged [17], Multivariate Analysis [18], Prognosis [19], Retrospective Studies [20]
Résumé en anglais	<p><b>PURPOSE:</b> There is a need to identify a subgroup of high-risk patients with node-negative colorectal cancer who have a poor long-term prognosis and may benefit from adjuvant therapies. The aim of this study was to evaluate the prognostic impact of clinical and pathological parameters in a retrospective study from a prospective, continuous database of homogenously treated patients.</p> <p><b>METHODS:</b> This study included 362 patients operated in a single institution for Dukes A and B (node-negative) colorectal cancer. The median follow-up was 140 months. The prognostic value of 13 clinical and pathological parameters was investigated.</p> <p><b>RESULTS:</b> Multivariate analysis identified six independent prognostic factors: age at time of diagnosis (hazard ratio (HR) = 1.076), number of lymph nodes removed (HR = 0.948), perineural invasion (HR = 2.173), venous invasion (HR = 1.959), lymphatic vessel invasion (HR = 2.126), and T4 stage (HR = 5.876).</p> <p><b>CONCLUSION:</b> These parameters could be useful in identifying patients with high-risk node-negative colorectal cancer who should be presented to adjuvant therapy.</p>
URL de la notice	<a href="http://okina.univ-angers.fr/publications/ua12834">http://okina.univ-angers.fr/publications/ua12834</a> [21]
DOI	10.1007/s00384-010-0934-5 [22]

Lien vers le document <http://dx.doi.org/10.1007/s00384-010-0934-5> [22]  
Autre titre Int J Colorectal Dis  
Identifiant (ID) PubMed 20405293 [23]

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- [22] <http://dx.doi.org/10.1007/s00384-010-0934-5>
- [23] <http://www.ncbi.nlm.nih.gov/pubmed/20405293?dopt=Abstract>

Publié sur *Okina* (<http://okina.univ-angers.fr>)