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Gastroenterology 2014;147:628–636 Risk Stratification for Advanced Colorectal Neoplasia According to Fecal Hemoglobin Concentration in a Colorectal Cancer Screening Program Josep M. Auge,1 Maria Pellise,2 José M. Escudero,1 Cristina Hernandez,3 Montserrat Andreu,4 Jaume Grau,5 Andrea Baron,3 Maria López-Cerón,2 Xavier Bessa,4 Anna Serradesanferm,5 Mercè Piracés,3 Francesc Macià,3 ...

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Jun 14, 2014 · The latest generation of fecal immunochemical tests (FIT) allows for quantitation of hemoglobin in feces, allowing for selection of optimal cut-off concentrations. We investigated whether individuals with positive results from quantitative FITs, in combination with other factors, could be identified as being at greatest risk for advanced colorectal neoplasia.

Cited by: 96 Author: Josep M. Auge, Maria Pellise, José M. Esc...  
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Sep 01, 2014 · Figure 1 shows the box-and-whiskers plot for fecal hemoglobin concentration according to colonoscopy findings. Fecal hemoglobin concentrations were significantly higher in individuals with advanced colorectal neoplasia than in those with nonadvanced colorectal neoplasia (median, 105 µg/g; interquartile range, 38–288 µg/g vs median, 47 µg/g; interquartile range, 23–119 µg/g ...

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aluated using the Grading of Recommendations Assessment, Development, and Evaluation (GRADE) process. In instances where the evidence was not appropriate for GRADE, but there was consensus of significant clinical merit, "key concept" statements were developed using expert consensus. These guidelines are meant to be broadly applicable and should be viewed as the preferred, but not only ...

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**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 64078

**Manuscript Type:** ORIGINAL ARTICLE

**Observational Study**

**Prediction of the severity of colorectal lesion by fecal hemoglobin concentration observed during previous test in the French screening program**

Balamou C *et al.* Predict severity of colorectal lesion

Christian Balamou, Akof Kovogou, Christelle M Rodriguez, Aurélie Clerc, Claire Piccotti, Anne Deloraine, Catherine Esbrayat

**Abstract**

**BACKGROUND**

The rate of positive tests using fecal immunochemical test (FIT), does not decrease with subsequent campaigns, but the positive predictive value of advanced neoplasia, significantly decreases in subsequent campaign after a first negative test. A relationship between the fecal hemoglobin concentration (Fhb) and the opportunity to detect a colorectal cancer (CRC) in subsequent campaign has been shown.

**AIM**

To predict the severity of colorectal lesions, based on Fhb measured during previous colorectal cancer screening campaign.

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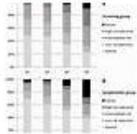
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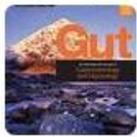
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