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Observational Study

Combined evaluation of biomarkers as predictor of maintained remission in Crohn's disease

Sollelis E *et al.* Predictive biomarkers for **5** Crohn's disease remission

Elisa Sollelis, Régine Minet Quinard, Guillaume Bouguen, Marion Goutte, Félix Goutorbe, Damien Bouvier, Bruno Pereira, Gilles Bommelaer, Anthony Buisson

Abstract

BACKGROUND

The individual performances and the complementarity of Crohn's disease (CD) activity index (CDAI), C-reactive protein (CRP) and faecal calprotectin (Fcal) to monitor patients with CD remain poorly investigated in the era of "tight control" and "treat to target" strategies.

AIM

To assess CDAI, CRP and Fcal variation, alone or combined, after 12 wk (W12) of anti-tumor necrosis factor (TNF) therapy to predict corticosteroids-free remission (CFREM = CDAI < 150, CRP < 2.9 mg/L and Fcal < 250 µg/g with no therapeutic intensification and no surgery) at W52.

METHODS

CD adult patients needing anti-TNF therapy with CDAI > 150 and either CRP > 2.9

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One hundred and sixty-four patients who achieved clinical **remission** and MH ... Several fecal **biomarkers** have been **evaluated** for their utility to assess disease activity as who relapsed compared with patients who **maintained remission** (284 vs. Scientific Committee of the European **Crohn's and** Colitis Organization.

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Crohn's disease (CD), a chronic inflammatory bowel disease (IBD), occurs in ... the role of **biomarkers** in IBD diagnosis, severity **prediction**, and stratification. ... has demonstrated high rates of **remission** and mucosal healing.19–23 However, the yet available, and clinicians using serologic markers in the **evaluation** of IBD ...

New Biomarkers for Diagnosing Inflammatory Bowel Disease and ...

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Traditionally, the **assessment** of patients with IBD has been somewhat While the **combined** use of pANCA and ASCA could be of benefit in the **evaluation** of Blood-based **Biomarkers** Used to **Predict** Disease Activity in **Crohn's Disease** and **Crohn's disease maintained** on prolonged **remission**: a high risk of relapse

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In Crohn disease, elevated CRP levels at baseline **predict** response to ... Endoscopic **evaluation**, **combined** with diagnostic imaging modalities, remain important necrosis factor antibody (infliximab) to **maintain remission in Crohn's disease**.

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Biomarkers in inflammatory bowel diseases: insight into diagnosis ...

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作者: M Norouzinia - 2017 - 被引用次数: 15 - [相关文章](#)

Diagnosis, **evaluation** of severity, **remission** flare up and prognosis still challenge ... improvement of the intestine is a good **predictor** of disease outcome (12, 13), ... Separately or in **combination**, serological **biomarkers** display high specificity but and inactive **Crohn's and UC** in both colonic tissue and serum samples (68).

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In **Crohn disease**, elevated CRP levels at baseline **predict** response to anti-tumour necrosis factor agents, **and** normalization is usually associated with clinical **and** endoscopic **remission**. CRP **and** hemoglobin levels can be used to help **predict** clinical relapse in the context of withdrawal of therapy.

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