



Non-invasive diagnosis of liver lesions by blood tests in NAFLD

Submitted by Emmanuel Lemoine on Thu, 01/30/2014 - 14:51

Titre Non-invasive diagnosis of liver lesions by blood tests in NAFLD

Type de publication Communication

Type Communication avec actes dans un congrès

Année 2010

Langue Anglais

Date du colloque 2010

Titre du colloque 45th Annual Meeting of the European Association for the Study of Liver

Titre des actes ou de la revue Journal of Hepatology - Abstracts of the International Liver Congress 2010

Volume 52, suppl. 1

Pagination p. - S140

Auteur Calès, Paul [1], Boursier, Jérôme [2], Chaigneau, Julien [3], Roullier, Vincent [4], Cavaro-Ménard, Christine [5]

Pays Autriche

Ville Vienne

Résumé en anglais Background and Aims: Non invasive tests are not well developed in NAFLD. This could be partly due to the pathological description of certain lesions that is hampered by semi-quantitative scorings. Our aim was to develop an accurate non-invasive measurement of main liver lesions in NAFLD by blood tests based on a thorough pathological and morphometric analysis. Methods: Steatosis, NASH and fibrosis were graded according to CRN-NASH (Kleiner, Hepatology 2005) and Metavir systems in 226 patients with NAFLD. A fully automated, in-house software measured the fractal dimension (reflecting architecture) and the area (reflecting amount) of steatosis or fibrosis on liver specimens. Independent predictors were selected by logistic or multiple regression repeated in 1000 random bootstrap samples. When models were determined, a second bootstrap resampling was performed to measure optimism bias (Steyerberg et al. 2001).

Notes Date du colloque : 04/2010

URL de la notice <http://okina.univ-angers.fr/publications/ua1578> [6]

Lien vers le document en ligne <http://download.journals.elsevierhealth.com/pdfs/journals/0168-8278/PIIS...> [7]

Liens

[1] <http://okina.univ-angers.fr/p.cales/publications>

[2] <http://okina.univ-angers.fr/jerome.boursier/publications>

[3] <http://okina.univ-angers.fr/j.chaigneau/publications>

[4] [http://okina.univ-angers.fr/publications?f\[author\]=1909](http://okina.univ-angers.fr/publications?f[author]=1909)

[5] <http://okina.univ-angers.fr/c.menard/publications>

[6] <http://okina.univ-angers.fr/publications/ua1578>

[7] <http://download.journals.elsevierhealth.com/pdfs/journals/0168-8278/PIIS0168827810603364.pdf>

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