



Impact of early statin therapy on development of atrial fibrillation at the acute stage of myocardial infarction: data from the FAST-MI register

Submitted by Emmanuel Lemoine on Tue, 12/16/2014 - 10:54

Titre	Impact of early statin therapy on development of atrial fibrillation at the acute stage of myocardial infarction: data from the FAST-MI register
Type de publication	Article de revue
Auteur	Danchin, Nicolas [1], Fauchier, Laurent [2], Marijon, Eloi [3], Barnay, Claude [4], Furber, Alain [5], Mabo, Philippe [6], Bernard, Paul [7], Blanc, Jean-Jacques [8], Jouven, Xavier [9], Le Heuzey, Jean-Yves [10], Charbonnier, Bernard [11], Ferrières, Jean [12], Simon, Tabassome [13]
Editeur	BMJ Publishing Group
Type	Article scientifique dans une revue à comité de lecture
Année	2010
Langue	Anglais
Date	2010/01/11
Numéro	22
Pagination	1809 - 1814
Volume	96
Titre de la revue	Heart
ISSN	1468-201X
Mots-clés	acute myocardial infarction [14], atrial arrhythmias [15], Atrial fibrillation [16], lipid lowering [17], NSTEMI [18], statin [19], STEMI [20]
Résumé en anglais	<p>Background Atrial fibrillation developing at the acute stage of myocardial infarction is associated with untoward clinical outcomes. The aim of this study was to determine correlations between early statin therapy and atrial fibrillation in acute myocardial infarction. Methods Patients (3396) with sinus rhythm developing acute myocardial infarction were enrolled in the French registry of Acute ST-elevation and non-ST-elevation Myocardial Infarction (FAST-MI). Results Atrial fibrillation developed in 7.0% of patients without and 3.9% of patients with early (≤ 48 h of admission) statin therapy ($p < 0.001$). Multivariable analysis, including the propensity score for early statin treatment, showed that statin therapy was associated with reduced risk of atrial fibrillation (OR 0.64; 95% CI 0.45 to 0.92, $p = 0.017$). Compared to patients without early statin therapy, the OR for atrial fibrillation were 0.72 (0.49 to 1.04, $p = 0.080$), 0.52 (0.28 to 0.95, $p = 0.034$) and 0.40 (0.18 to 0.92, $p = 0.030$) in patients on conventional, intermediate and high doses respectively. Conclusions This study is the first to document a correlation between early statin therapy and atrial fibrillation at the early stage of acute myocardial infarction.</p>
URL de la notice	http://okina.univ-angers.fr/publications/ua6456 [21]
DOI	10.1136/hrt.2010.201574 [22]

Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=10076](http://okina.univ-angers.fr/publications?f[author]=10076)
- [2] [http://okina.univ-angers.fr/publications?f\[author\]=10077](http://okina.univ-angers.fr/publications?f[author]=10077)
- [3] [http://okina.univ-angers.fr/publications?f\[author\]=10078](http://okina.univ-angers.fr/publications?f[author]=10078)
- [4] [http://okina.univ-angers.fr/publications?f\[author\]=10079](http://okina.univ-angers.fr/publications?f[author]=10079)
- [5] <http://okina.univ-angers.fr/al.furber/publications>
- [6] [http://okina.univ-angers.fr/publications?f\[author\]=10080](http://okina.univ-angers.fr/publications?f[author]=10080)
- [7] [http://okina.univ-angers.fr/publications?f\[author\]=10081](http://okina.univ-angers.fr/publications?f[author]=10081)
- [8] [http://okina.univ-angers.fr/publications?f\[author\]=10082](http://okina.univ-angers.fr/publications?f[author]=10082)
- [9] [http://okina.univ-angers.fr/publications?f\[author\]=10083](http://okina.univ-angers.fr/publications?f[author]=10083)
- [10] [http://okina.univ-angers.fr/publications?f\[author\]=10084](http://okina.univ-angers.fr/publications?f[author]=10084)
- [11] [http://okina.univ-angers.fr/publications?f\[author\]=10085](http://okina.univ-angers.fr/publications?f[author]=10085)
- [12] [http://okina.univ-angers.fr/publications?f\[author\]=10086](http://okina.univ-angers.fr/publications?f[author]=10086)
- [13] [http://okina.univ-angers.fr/publications?f\[author\]=10087](http://okina.univ-angers.fr/publications?f[author]=10087)
- [14] [http://okina.univ-angers.fr/publications?f\[keyword\]=10588](http://okina.univ-angers.fr/publications?f[keyword]=10588)
- [15] [http://okina.univ-angers.fr/publications?f\[keyword\]=10589](http://okina.univ-angers.fr/publications?f[keyword]=10589)
- [16] [http://okina.univ-angers.fr/publications?f\[keyword\]=10590](http://okina.univ-angers.fr/publications?f[keyword]=10590)
- [17] [http://okina.univ-angers.fr/publications?f\[keyword\]=10591](http://okina.univ-angers.fr/publications?f[keyword]=10591)
- [18] [http://okina.univ-angers.fr/publications?f\[keyword\]=10592](http://okina.univ-angers.fr/publications?f[keyword]=10592)
- [19] [http://okina.univ-angers.fr/publications?f\[keyword\]=10593](http://okina.univ-angers.fr/publications?f[keyword]=10593)
- [20] [http://okina.univ-angers.fr/publications?f\[keyword\]=10594](http://okina.univ-angers.fr/publications?f[keyword]=10594)
- [21] <http://okina.univ-angers.fr/publications/ua6456>
- [22] <http://dx.doi.org/10.1136/hrt.2010.201574>

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