



Logout Professor Danchin

[Home](#)[About Us](#)[FAQs](#)[Contact Us](#)[Site Map](#)Knowledge  
CentreCongresses &  
MeetingsESC  
InitiativesESC  
Constituent BodiesNews &  
Press

My ESC

[Home](#) > [My ESC](#)[My Abstracts](#)[Add New Abstract](#)[My Abstracts](#)

## » Step 4 of 4: Abstract Preview and Submission

\*denotes a mandatory field

[PRINT VERSION](#)

Please carefully read through your abstract before submitting it as you cannot change it afterwards.  
Pay special attention to the following:

- Spelling (your abstract MUST be written in English)
- Case (should be Sentence case: **only first letter of sentence and acronyms in uppercase**)
- Special characters (especially if you copied and pasted from another file, do your special characters show up as intended?)

If any changes are needed, please click one of the links to edit the correct section.

**Abstract Information**[Edit Information](#)

Abstract Submitter: Professor Danchin Nicolas - [nicolasdanchin@yahoo.fr](mailto:nicolasdanchin@yahoo.fr)

Event: ESC Congress 2007

Title: Compared evolution of early and 6-month mortality from 1995 to 2005 in diabetic vs non diabetic patients with acute myocardial infarction. Results from the USIK 1995, USIC 2000 and FAST-MI French regi

Evaluation Topic: 06.09 - Diabetes

Acronym Abbreviation:

Acronym:

On Behalf of: USIC and FAST-MI investigators

Category: Bedside

Options: None

**Abstract Authors**[Edit Authors](#)

Y. Cottin<sup>1</sup>, J. Puel<sup>2</sup>, M. Zeller<sup>1</sup>, C. Lefeuvre<sup>3</sup>, J. Marco<sup>4</sup>, T. Simon<sup>5</sup>, PG. Steg<sup>6</sup>, P. Gueret<sup>7</sup>, JP. Cambou<sup>8</sup>, N. Danchin<sup>9</sup> - (1) CHU Dijon, Dijon, France (2) CHU Rangueil, Toulouse, France (3) CHU Pitie, Paris, France (4) Clinique Pasteur, Toulouse, France (5) CHU St Antoine, Paris, France (6) CHU Bichat, Paris, France (7) CHU Mondor, Creteil, France (8) Paris, France (9) HEGP, Paris, France

**Abstract Content**

93%

[Edit Content](#)

Background: There has been evidence of marked improvement in the outcome of diabetic patients with AMI over the recent years. Aim: To assess whether the evolution of mortality of AMI was different in diabetic and non diabetic patients.

Methods: USIK 1995, USIC 2000 and FAST-MI are 3 nationwide French registries conducted 5 years apart, using a similar methodology in consecutive patients admitted to CCUs over a one-month period. All 7504 patients presenting  $\leq 48$  hrs of symptom onset were included.

Results: The prevalence of known DM increased from 1995 to 2000 and 2005 (17% v 21% v 24%,  $p < 0.001$ ). Diabetic patients were older than non diabetics ( $70 \pm 12$  v  $66 \pm 15$  years,  $p < 0.001$ ). Overall, there was no change in age from 1995 to 2005 ( $67 \pm 14$  years for both periods), both in diabetic ( $70 \pm 12$  years) and non diabetic ( $66 \pm 14$  v  $66 \pm 15$  years) patients. 30-day mortality: see table

In patients with STEMI, relative risk reduction was 47% in diabetic and 52% in non diabetic patients. In NSTEMI patients, the respective figures were 56% and 39%. Kaplan- Meier survival at 6-month in the overall population increased from 83% (1995) to 87% (2000) and 89% (2005) ( $p < 0.001$ ). Improvement was observed in both diabetic (76% to 79% to 84%,  $p < 0.001$ ) and non diabetic (85% to 89% to 91%,  $p < 0.001$ ) patients, and for both STEMI and NSTEMI. For STEMI, relative risk reduction from 1995 to 2005 was 37% in diabetic and 46% in non diabetic patients; for NSTEMI, the respective figures were 34% in diabetic and 25% in non diabetic patients. Conclusion: Over the past 10 years, mortality of diabetic patients has considerably decreased. However, mortality of non diabetic patients has decreased in similar proportions, leaving a persistent gap between diabetic and non diabetic patients. Six-month survival of diabetic patients after AMI in 2005 is similar to 6-month survival of non diabetic patients 10 years earlier (84% vs 85%).

**30-day mortality**

	1995	2000	2005	P value	RRR
Overall	12.9	8.3	6.4	<0.001	0.51
DM +	19.0	13.1	8.3	<0.001	0.56
DM -	11.5	7.0	5.8	<0.001	0.50

## » Rules and Regulations

I hereby certify that this abstract has not been previously presented at any international congress and that I have read and approved the [Abstract Submission Rules](#) of the Abstract Submission Service and the [Web Site Terms Conditions](#).

[Back](#)[Submit](#)[Quit](#)**DATA PRIVACY STATEMENT**

You have personal data, which is, according to the Law on data processing and Civil Liberties 78-17 of 6 January 1978 modified, registered with the European Society of Cardiology (ESC) and, where the congress is organised jointly with other organisations, may also be transferred to the congress co-organisers. The information you supply on this form is required to process it and it will be held in the customer data files of the organiser(s). It may be used for marketing and communication purposes by the organisers and their contractors only. You have the absolute right to access, amend and oppose any use of this personal data by writing to the ESC at the address mentioned below or by using the 'Contact Us' form [here](#).

European Society of Cardiology - Data Privacy

2035 Route des Colles - Les Templiers - BP 179 - 06903 Sophia Antipolis Cedex - France

[ESC PRIVACY POLICY](#)

---

[Site Map](#) | [Contact Us](#) | [Terms & Conditions](#) | [Privacy](#)

Copyright © : 1997-2007 European Society of Cardiology. All rights reserved.