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CORRECTION

Scarabelli TM, Stephanou A, Pasini E, Gitti G, Townsend P, Lawrence K, Chen-Scarabelli C, Saravolatz L, Latchman D, Knight R, Gardin J

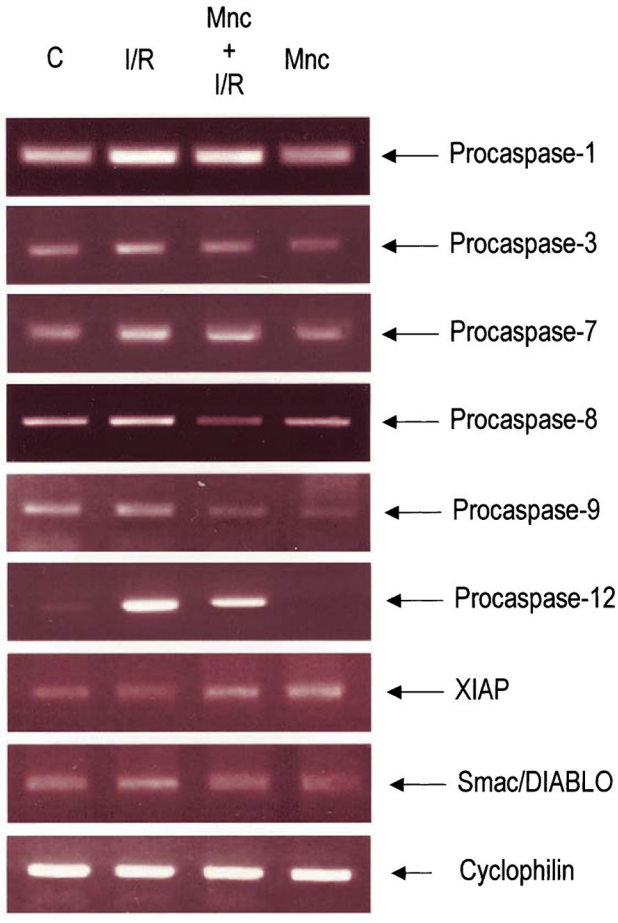
Minocycline Inhibits Caspase Activation and Reactivation, Increases the Ratio of XIAP to Smac/DIABLO, and Reduces the Mitochondrial Leakage of Cytochrome C and Smac/DIABLO

J Am Coll Cardiol 2004;43:865–74.

In the above article, Figure 4 and Panel B of Figure 5 have been removed. All of the affected figure citations have been revised acordingly.

The revised Figure 5 (now Figure 4) is printed on the following page.

FIGURE 4



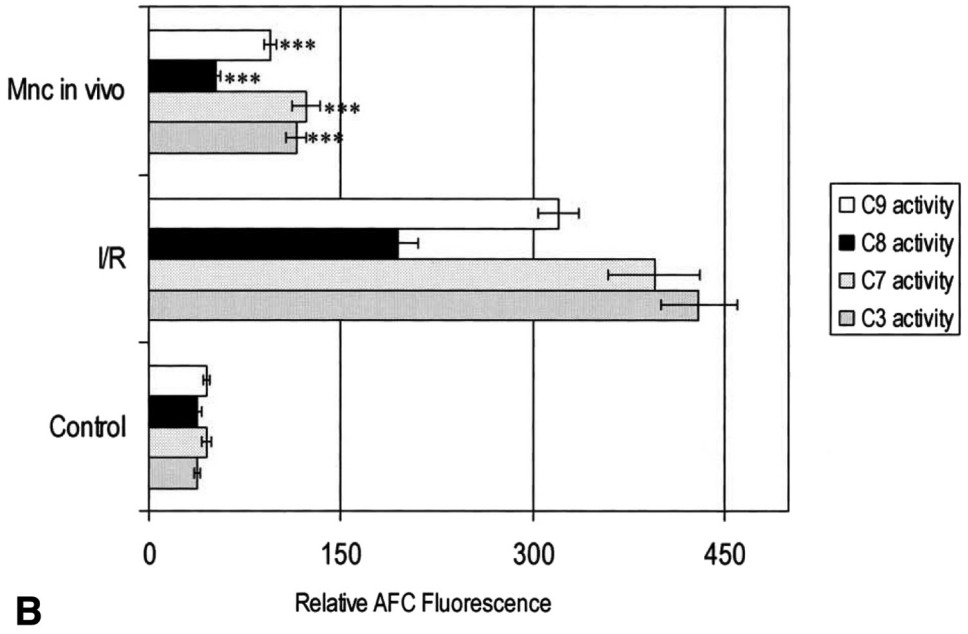
A

Control	I/R	Mnc+I/R	Mnc	
1	5	3**	0.5**	*Procaspase-1*
1	2	1.25*	0.5**	*Procaspase-3*
1	3	1.5**	1	*Procaspase-7*
1	3	0.5***	0.75*	*Procaspase-8*
1	1	0.5*	0.2***	*Procaspase-9*
1	10	4**	n.d.***	*Procaspase-12*
1	0.75	2**	3**	*XIAP*
1	2	1*	0.75*	*Smac/DIABLO*
1	1	1	1	*Cyclophilin*

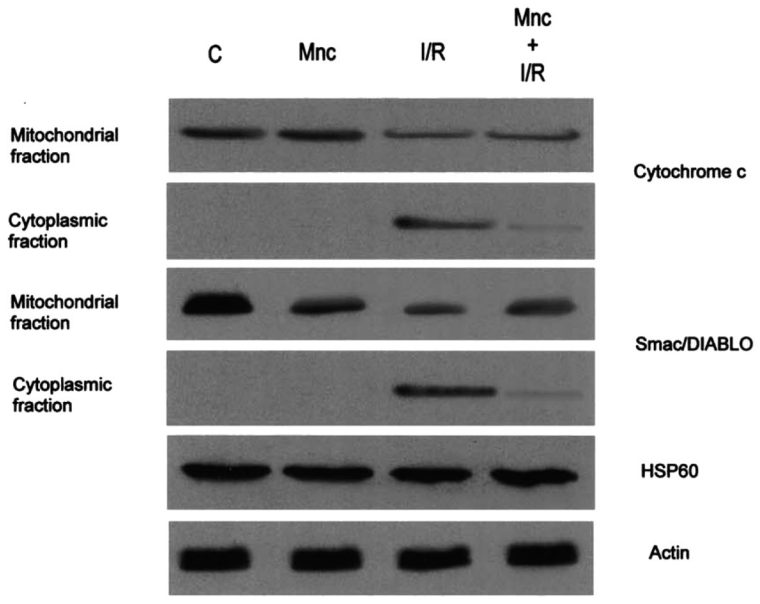
(A) Reverse transcriptase-polymerase chain reaction and corresponding densitometric analysis. Values are represented as relative fold change of the control value set to 1. Statistical analysis (*$p < 0.05$; **$p < 0.01$; ***$p < 0.001$) was performed versus control hearts either unexposed (non-ischemic hearts treated in vivo with minocycline [Mnc]) or exposed to I/R (ischemic hearts pretreated in vivo with minocycline). **(B)** Caspase-3, -7, -8, and -9 enzymatic activity in tissue extracts from non-ischemic and ischemic control hearts and hearts pretreated in vivo with minocycline and exposed to I/R. Data are expressed as mean ± SD. ***$p < 0.001$ vs. control hearts. **(C)** Western blot of cytochrome c and Smac/DIABLO proteins in mitochondrial and cytosolic fractions from control hearts exposed and unexposed to I/R, with and without in vivo treatment with minocycline. HSP60 and actin were used as internal controls for the mitochondrial and cytosolic fractions, respectively. The correspondent densitometric evaluation is shown at the **bottom of the panel**. Values are represented as relative fold change of the control value set to 1. Statistical analysis was performed as stated above. The reverse transcription-polymerase chain reaction and Western data are representative of five experiments performed in individual animals, and the in vivo treatment was performed as described in the Methods section and the legend to Figure 3.

Continued on the next page

FIGURE 4 Continued



B



C

	Control	Mnc	I/R	Mnc+I/R	
Mito fraction	1	1	0.2	0.4*	*Cytochrome c*
Cyto fraction	n.d.	n.d.	1	0.1***	
Mito fraction	1	0.6*	0.3	0.7**	*Smac/DIABLO*
Cyto fraction	n.d.	n.d.	1	0.1***	
	1	1	1	1	*HSP60*
	1	1	1	1	*Actin*

The authors apologize for these errors.

The online version of the article has been corrected to reflect these changes.

http://dx.doi.org/10.1016/j.jacc.2019.02.009