



Erratum to mortality prediction algorithms for patients undergoing primary percutaneous coronary intervention

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doi: 10.21037/jtd-2020-56

View this article at: <http://dx.doi.org/10.21037/jtd-2020-56>

Erratum to: J Thorac Dis 2020;12:1706-20.

Mortality prediction algorithms for patients undergoing primary percutaneous coronary intervention

This article that appeared on Page: 1706-1720, Vol 12, No 4 (April 2020) Issue of the *Journal of Thoracic Disease (JTD)* (1), contained ONE mistake.

The detailed correction is as below:

Table 2 was erroneously typeset. In column #3 (“Source of Data”) all cell contain “Multi Center Registry” to the contrary of the submitted “*Table 2*”, which negatively affects the scientific content of the paper.

The corrected version of *Table 2* is presented here (*Table 2*).

Table 2 Validation studies of mortality risk models in patients with ST-segment elevation myocardial infarction

Author, year	Clinical setting	Treatment	Study characteristics			C-Statistic (95% CI)										
			Source of data	Time of end point	Event rate (%)	TIMI, n=10	PAMI, n=6	Zwolle, n=5	CADILLAC, n=6	APEX-AMI, n=1	NCDR Cat-hPCI, n=2	AR-G, n=2	EH STEMI PCI, n=1	Dynamic TIMI, n=2	GRACE, n=17 ALPHA, n=2	
Morrow, 2001	STEMI	PPCI	Multi-Center Registry	In-hospital	NR/15,348 (NA)	0.80 (NR)										
De Luca, 2004	STEMI	PPCI	Single-Center Registry	30 days	27/747 (3.6)			0.90 (NR)								
Haikín, 2005	STEMI	PPCI	Multi-Center RCT	30 days	24/900 (2.7)	0.70 (NR)	0.78 (NR)	0.74 (NR)	0.81 (NR)							
Haikín, 2005	STEMI	PPCI	Multi-Center RCT	1 year	39/900 (4.3)	0.69 (NR)	0.77 (NR)	0.74 (NR)	0.78 (NR)							
Lev, 2008	STEMI	PPCI	Single-Center Registry	30 days	31/855 (3.6)	0.72 (NR)	0.74 (NR)	0.82 (NR)							0.47 (NR)*	
Lev, 2008	STEMI	PPCI	Single-Center Registry	1 year	50/855 (5.8)	0.75 (NR)	0.75 (NR)	0.81 (NR)							0.48 (NR)*	
Elbarouni, 2009	STEMI	Not Specified	Multi-Center Registry	In-hospital	171/3,186 (5.4)										0.83	
Peterson, 2010	STEMI	PPCI	Multi-Center Registry	In-hospital	NR/39,889 (NA)			0.88 (NR)							(0.80 to 0.86)*	
Abu-Assi, 2010	STEMI	Not Specified	Multi-Center Registry	In-hospital	178/2,344 (7.6)										0.86	
Abu-Assi, 2010	STEMI	Not Specified	Multi-Center Registry	6 months	126/2,165 (5.8)										0.79	
Chin, 2011	NSTEMI/STEMI	Not Specified	Multi-Center Registry	In-hospital	800/16,336 (4.9)										(0.75 to 0.83)*	
de Mulder, 2011	STEMI	PCI	Multi-Center Registry	In-hospital	203/3,969 (5.1)							0.89 (NR)				
Yusuñali, 2011	STEMI	Not Specified	Multi-Center Registry	In-hospital	144/2,986 (4.8%)										0.84 (NR)	
Seivarañah, 2012	STEMI	Not Specified	Multi-Center Registry	30 days	522/4,701 (11.1)	0.79									0.86 (NR)*	
Raposeiras-Roubín, 2012	STEMI	Not Specified	Single-Center Registry	In-hospital	141/1,443 (9.8)	(0.77 to 0.81)									0.89	
															(0.87 to 0.92)	0.91
															(0.88 to 0.93)*	

Table 2 (continued)

Table 2 (continued)

Study characteristics		C-Statistic (95% CI)													
Author, year	Clinical setting	Treatment	Source of data	Time of end point	Event rate (%)	TIMI, n=10	PAMI, n=6	Zwolle, n=5	CADILLAC, n=6	APEX-AMI, n=1	NCDR Cat-hPCI, n=2	AR-G, n=2	EH STEMI PCI, n=1	Dynamic TIMI, n=2	GRACE, n=17 ALPHA, n=2
Méndez-Eirín, 2012	STEMI	PPCI/Rescue PCI	Single-Center Registry	30 days	83/1,503 (5.5)	0.87 (0.85 to 0.89)	0.81 (0.79 to 0.83)		0.90 (0.88 to 0.91)						0.90 (0.89 to 0.92)*
Méndez-Eirín, 2012	STEMI	PPCI/Rescue PCI	Single-Center Registry	1 year	105/1,130 (9.3)	0.85 (0.83 to 0.87)	0.81 (0.78 to 0.83)		0.87 (0.84 to 0.89)						0.85 (0.83 to 0.87)*
Amin, 2013	STEMI	PCI	Multi-Center RCT	1 year	48/1,829 (2.6)									0.81 (NR)	
Timóteo, 2013	STEMI	PPCI	Single-Center Registry	In-hospital	33/607 (5.4)	0.84 (0.77 to 0.92)									0.92 (0.87 to 0.96)*
Timóteo, 2013	STEMI	PPCI	Single-Center Registry	30 days	38/607 (6.3)	0.83 (0.76 to 0.90)									0.88 (0.82 to 0.95)*
Fox, 2014	STEMI	Not Specified	Multi-Center Registry	1 year	NR/1,558 (NA)										0.84 (NR)*
Fox, 2014	STEMI	Not Specified	Multi-Center Registry	3 years	NR/1,558 (NA)										0.82 (NR)*
Fujii, 2014	STEMI	PPCI	Single-Center Registry	In-hospital	54/412 (13.1)										0.95 (NR)**
Fujii, 2014	STEMI	PPCI	Single-Center Registry	1 year	64/412 (15.5)										0.92 (NR)**
Abelin, 2014	STEMI	PPCI	Single-Center Registry	30 days	39/501 (7.8)	0.81 (0.74 to 0.87)	0.75 (0.68 to 0.82)	0.80 (0.73 to 0.87)							0.84 (0.78 to 0.90)*
Litnecova, 2015	STEMI	PPCI	Single-Center Registry	6 months	24/593 (4.0)	0.72 (0.70 to 0.85)	0.77 (0.65 to 0.80)	0.81 (0.73 to 0.88)	0.82 (0.75 to 0.88)					0.81 (0.73 to 0.89)	0.85 (0.78 to 0.93)*
Litnecova, 2015	STEMI	PPCI	Single-Center Registry	1 year	43/593 (7.3)	0.73 (0.70 to 0.85)	0.77 (0.66 to 0.80)	0.80 (0.72 to 0.87)	0.82 (0.76 to 0.89)					0.81 (0.74 to 0.89)	0.86 (0.80 to 0.93)*
Litnecova, 2015	STEMI	PPCI	Single-Center Registry	2 years	53/593 (8.9)	0.68 (0.64 to 0.79)	0.72 (0.61 to 0.76)	0.72 (0.64 to 0.80)	0.76 (0.69 to 0.83)					0.75 (0.67 to 0.83)	0.79 (0.72 to 0.86)*

Table 2 (continued)

Table 2 (continued)

Study characteristics		C-Statistic (95% CI)													
Author, year	Clinical setting	Treatment	Source of data	Time of end point	Event rate (%)	TIMI, n=10	PAMI, n=6	Zwolle, n=5	CADILLAC, n=6	APEX-AMI, n=1	NCDR Cat-hPCI, n=2	AR-G, n=2	EH STEMI PCI, n=1	Dynamic TIMI, n=2	GRACE, n=17 ALPHA, n=2
Litnerova, 2015	STEMI	PPCI	Single-Center Registry	3 years	63/593 (10.6)	0.66 (0.64 to 0.78)	0.71 (0.59 to 0.73)	0.69 (0.61 to 0.76)	0.74 (0.67 to 0.80)					0.73 (0.67 to 0.80)	0.77 (0.70 to 0.83)*
Parenica, 2016	STEMI	PPCI	Single-Center Registry	1 year	40/593 (6.7)										0.85 (NR)*
Huang, 2016	STEMI	Not Specified	Multi-Center Registry	1 year	8/378 (2.1)										0.94 (NR)**
Timóteo, 2016	ACS	PCI	Single-Center Registry	In-hospital	96/2,148 (4.5)						0.87 (0.83 to 0.91)				0.94 (0.91 to 0.96)*
Hizoh, 2017	STEMI	PPCI	Single-Center Registry	30 days	41/505 (8.1)	0.82 (0.75 to 0.89)	0.78 (0.70 to 0.88)	0.81 (0.74 to 0.88)	0.83 (0.79 to 0.92)	0.86 (0.79 to 0.92)					0.86 (0.80 to 0.92)**
Hizoh, 2017	STEMI	PPCI	Single-Center Registry	1 year	73/505 (14.5)										0.84 (0.80 to 0.89)
Yu, 2017	NSTEMI/STEMI	PCI	Single-Center Registry	1 year	29/728 (4.0)				0.73 (0.70 to 0.76)						0.74 (0.71 to 0.77)*
Hizoh, 2018	STEMI	PPCI	Multi-Center Registry	30 days	383/5,203 (7.4)	0.81 (0.79 to 0.83)									0.87 (0.85 to 0.89)**

*, using the GRACE 1.0 model; **, using the GRACE 2.0 model. ACS, acute coronary syndrome; ALPHA, Age, life support, pressure, heart rate, access site; APEX AMI, Assessment of Pexelizumab in Acute Myocardial Infarction; AR-G, Acute Coronary Treatment and Intervention Outcomes Network Registry-Get With the Guidelines; CADILLAC, Controlled Abciximab and Device Investigation to Lower Late Angioplasty Complications; EH, EuroHeart; GRACE, Global Registry of Acute Coronary Events; NA, not applicable; NCDR CathPCI, National Cardiovascular Data Registry for Catheterization Percutaneous Coronary Intervention; NR, not reported; PAMI, primary angioplasty in myocardial infarction; PCI, percutaneous coronary intervention; PPCI, primary percutaneous coronary intervention; RCT, randomized controlled trial; STEMI, ST-segment elevation myocardial infarction; TIMI, thrombolysis in myocardial infarction.

The authors regret the error.

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References

1. Hizoh I, Domokos D, Banhegyi G, et al. Mortality prediction algorithms for patients undergoing primary percutaneous coronary intervention. *J Thorac Dis* 2020;12:1706-20.

Cite this article as: Hizoh I, Domokos D, Banhegyi G, Becker D, Merkely B, Ruzsa Z. Erratum to mortality prediction algorithms for patients undergoing primary percutaneous coronary intervention. *J Thorac Dis* 2020;12(7):3913-3917. doi: 10.21037/jtd-2020-56