

Table 1. Details of included studies

Author [ref#] (year)	Control Period	Subjects (n)		Glucose ranges mg/dL		AF n (%)			Pacing n (%)			Time in ICU* Mean ± SD			Time on Ventilation Mean ± SD		
		Total (non-DM / DM)	Tight/ normal control	Control	Tight	Control	Tight	<i>p</i>	Control	Tight	<i>p</i>	Control	Tight	<i>p</i>	Control	Tight	<i>p</i>
Chaney [12] (1999)	Peri	20 (20/0)	10/10	-	100 - 150	2 (20%)	4 (40%)	N/A	N/A	N/A	—	N/A	N/A	—	N/A	N/A	—
Gandhi [13] (2007)	Peri	400 (327/73)	185/186	< 200	< 100	59 (32%)	54 (29%)	N/S	N/A	N/A	—	N/A	N/A	—	N/A	N/A	—
Groban [16] (2002)	Peri/Post	381 (381/0)	188/193	-	80 - 120	68 (35%)	60 (32%)	N/S	2 (1%)	3 (2%)	N/S	N/A	N/A	—	32 ± 4.0	31 ± 4.0	N/A
Hoedemaekers [14] (2005)	Post	20 (20/0)	10/10	< 200	80 - 110	N/A	N/A	—	N/A	N/A	—	20.3 ± 2.5	22.1 ± 1.8	0.09	9.8 ± 4.6	11.2 ± 6.6	0.65
Koskenkari [17] (2005)	Peri	40 (40/0)	20/20	< 180	108 - 180	14 (70%)	12 (60%)	N/A	12 (60%)	3 (15%)	0.008	48 ± 28.8	76.8 ± 112.8	N/S	12.9 ± 14.2	11.4 ± 20.1	0.095
Lazar [18] (2004)	Peri	141 (N/A)	72/69	< 250	125 - 200	29 (42%)	12 16.6%	0.002	27 (39%)	10 13.8%	0.001	32.8 ±2.6	17.3 ±1.0	0.001	10.7 ± 0.6	6.9 ± 0.3	< .001
Ingels [15] (2006)	Post	970 (N/A)	477/493	< 220	< 110	N/A	N/A	—	N/A	N/A	—	N/A	N/A	—	N/A	N/A	—

Early Mortality n(%)		
Control	Tight	<i>p</i>
N/A	N/A	—
N/A	N/A	—
0 (0%)	3 (1.5%)	N/S
N/A	N/A	—
N/A	N/A	—
0	0	N/S
37	16	0.005

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