

Supplementary Table 4. Studies that disaggregate by age.

Citation	# Patients	Type of surgery	Type of anesthesia-related intervention, impact on mortality
Alexander 2008	3023	Cardiac	Pharmacotherapy, ND
Bender 1997	104	Vascular	Device, ND
Bohm 2003	165	NR	Pharmacotherapy, ND
Dieleman 2012	4482	Cardiac	Pharmacotherapy, ND
Donato 2006	300	Vascular	Pharmacotherapy, decreased
Durmaz 2003	44	Cardiac	Dialysis, decreased
Falcone 2003	99	Vascular	Testing, ND
Fremes 2000	762	Cardiac	Pharmacotherapy, ND
Gandhi 2014	40	Cardiac	Pharmacotherapy, ND
Gasparovic 2014	219	Cardiac	Pharmacotherapy, ND
Giri 2001	220	Cardiac	Pharmacotherapy, ND
Iliuta 2009	1352	Cardiac	Pharmacotherapy, decreased
Juul 2006	921	Non-cardiac	Pharmacotherapy, ND

Kirdemir 2008	200	Cardiac	Pharmacotherapy, decreased
Lavu 2014	259	General	Pharmacotherapy, ND
Mitchell 2005	601	Cardiac	Pharmacotherapy, ND
Norman 2009	20	Thoracic	Pharmacotherapy, decreased
Reyes 1997	404	Cardiac	Ventilation-related, ND
Sezai 2011	140	Cardiac	Pharmacotherapy, ND
Vichinsky 1995	200	Multiple	Transfusion-related, ND
Wu 2006	212	Oncological	Pharmacotherapy, ND
Wuethrich 2014	166	Urology	IV Fluids, ND

ND = no significant difference reported; IV = intravenous.