

### Supplementary file 3

study id	Country	Bøtker	Ryyanen	Bakalos	Von vopelius fe	Bossers	Bottiger	Crewdson	Lossius	Wilson	Fouche	Tæl
Abbott, 1998	USA		x									1
Adams, 1996	USA		x									1
Adnet, 1998	France								x		x	2
Allredge, 1995	USA		x									1
Apodaca, 2013	Afghan									x		1
Baxt, 1987	USA				x							1
Bernard, 2002	Australia										x	1
Bernard, 2010	Australia				x			x			x	3
Bernard, 2010	Australia					x						1
Bernard, 2015	Australia							x			x	2
Bieler, 2016	Germany									x		1
Biewener, 2004	Germany		x									1
Bierre, 2002	Denmark		x									1
Biorklund, 2006	Sweden		x									1
Bloomer, 2013	Australia										x	1
Bochicchio, 2003	USA					x						1
Bochicchio, 2003	USA		x									1
Boissel, 1995	France		x									1
Bozeman, 2006	USA								x		x	2
Bradley, 1998	USA								x			1
Breckwoldt, 2011	Germany							x				1
Brown, 2001	USA										x	1
Brown, 2014	USA							x				1
Brownstein, 1996	USA										x	1
Bukur, 2011	USA					x						1
Bulger, 2002	USA										x	1
Cameron, 2005	Australia	x	x		x							3
Cantineau, 1997	France								x			1
Caruana, 2015	France							x				1
Chesters, 2014	UK							x			x	2
Christenszen, 2003	Denmark	x	x									2
Cobas, 2009	USA							x				2
Colwell, 2005	USA								x			1
Combes, 2006	France										x	1
Corfield, 2006	UK										x	1
Cushman, 2010	USA										x	1
Danchin, 2004	France		x									1
Davis, 2003	USA								x		x	2
Davis, 2003	USA					x					x	2
Davis, 2004	USA					x					x	2
Davis, 2005	USA		x						x		x	3
Davis, 2005a	USA					x					x	2
Davis, 2005b	USA					x						1
Davis, 2005c	USA					x						1
Davis, 2006	USA					x						1
Davis, 2007	USA										x	1
Davis, 2008	USA										x	1
Davis, 2011	USA										x	1
Deitch, 2003	USA										x	1
Demetriades, 1996	USA		x									1
Denver, 2009	USA							x	x			2
Di Bartolomeo 2001	Italy	x	x									2
Di Bartolomeo 2005	Italy	x	x									2
Dickinson, 1997	USA	x			x		x					3
Diggs, 2014	USA							x			x	2
Dunford, 2003	USA										x	1
Eckstein, 2000	USA		x		x				x			3
Eisen, 1998	Canada		x									1
Eisenburger 2001	Austria						x					1





		Bötker	Ryynanen	Bakalos	Von vopelius fel	Bossers	Bottiger	Crewdson	Lossius	Wilson	Fouche	Tæl
Wang, 2003	USA										x	1
Wang, 2004	USA		x			x					x	3
Wang, 2006	USA										x	1
Wang, 2011	USA							x			x	2
Wang, 2014	USA					x						1
Warner, 2010	USA							x			x	3
Wayne, 1999	USA								x		x	2
Wimalasena, 2015a	Australia										x	1
Wimalasena, 2015b	Australia										x	1
Winchell, 1997	USA					x						1
Wirtz, 2002	USA				x							1
Wnent, 2015	Germany							x				1
Woodall, 2007	Australia	x		x								2
Yasunaga 2010	Japan						x					1
Yen, 2006	Taiwan						x					1
York, 1993	USA				x							1
	Tæl	26	45	18	x	12	24	14	38	33	8	87

305  
45  
20

### Overlap - Physician-based versus non-physician-based pre-hospital treatment

study id	Bøtker	Von vopelius feldt	Bottiger	Wilson	Tæl
Apodaca, 2013				x	1
Baxt, 1987		x			1
Bernard, 2010		x			1
Bieler, 2016				x	1
Cameron, 2005	x	x			2
Christenszen, 2003	x				1
Di Bartolomeo 2001	x				1
Di Bartolomeo 2005	x				1
Dickinson, 1997	x		x		2
Eisenburger 2001			x		1
Fischer 2003^			x		1
Fischer 2011^			x		1
Frandsen, 1991	x		x		2
Frankema, 2004	x			x	2
Franschman, 2011				x	1
Gardtman, 2000		x			1
Garner 1999	x	x		x	3
Garner, 2015				x	1
Graf, 1993	x				1
Hagihara 2014			x		1
Hamman, 1991	x	x			2
Hampton 1997			x		1
Kerr, 1999		x			1
Kojima 2010			x		1
Lechleutner, 1994	x				1
Lee 2003	x				1
Liebermann 2003	x				1
Lirola 2006	x				1
Mabry, 2012		x			1
Michell, 2007		x			1
Mitchell, 1997	x		x		2
Nardi 1994	x				1
Nicholl 1995	x				1
Olasveengen, 2009			x		1
Oppe 2001	x				1
Oshige 2005			x		1
Osterwalder, 2003	x				1
Pakanan, 2016				x	1
Ringburg 2007	x				1
Roudsari, 2007*	x			x	2
Schmidt 1992	x	x			2
Schwartz, 1990	x				1
Sipria, 2000	x				1
Soo, 1999	x		x		2
Suominen 1998	x				1
Wirtz, 2002		x			1
Yasunaga 2010			x		1
Yen, 2006			x		1
York, 1993		x			1

26

12

14

8

**Overlap - Advanced life support versus basic life support**

study id	Ryynanen	Bakalos	Tæl
Abbott, 1998	x		1
Adams, 1996	x		1
Allredge, 1995	x		1
Biewener, 2004	x		1
Bjerre, 2002	x		1
Bjorklund, 2006	x		1
Bochiccio, 2003	x		1
Boissel, 1995	x		1
Cameron, 2005	x		1
Christenszen, 2003	x		1
Danchin, 2004	x		1
Davis, 2005	x		1
Demetriades, 1996	x		1
Di Bartolomeo 2001	x		1
Di Bartolomeo 2005	x		1
Dickinson, 1997		x	1
Eckstein, 2000	x	x	2
Eisen, 1998	x		1
Frandsen, 1991		x	1
Frankema, 2004	x		1
Garner 1999		x	1
Garner, 2001	x		1
Hamman, 1991		x	1
Huei-Ming, 2007		x	1
Klemen, 2006	x		1
Kurola, 2002	x		1
Lee 2003	x	x	2
Liebermann 2003	x	x	2
Lirola 2006	x		1
Lossius, 2002	x		1
Ma, 2007	x		1
Mellado, 2005	x		1
Mitchell, 1997		x	1
Mitchell, 2000	x		1
Nguyen-Van-Iam, 1997	x		1
Nicholl, 1998	x		1
Olasveengen, 2009		x	1
Osterwaider, 2003	x	x	2
Owen, 1999	x		1
Pitetti, 2001	x		1
Potter, 1988		x	1
Rainer 1997*	x		1
Schmidt 1992		x	1
Seamon, 2007	x		1
Shuster, 1995	x		1
Silfvast, 1996	x		1
Sipria, 2000		x	1
Soo, 1999		x	1
Stiell, 2004	x	x	2
Stiell, 2007	x		1
Stiell, 2008	x	x	2
Sukumaran, 2006	x		1
Suominen 1998	x		1
Thomas, 2002	x		1
Wang, 2004	x		1
Woodall, 2007	x	x	2
	45	18	77

\*The study by Rainer et al. is reported as two studies (A and B) in the

0

**Overlap - Pre-hospital endotracheal intubation by provider group**

study id	Bossers	Crewdson	Lossius	Fouche	Tæl
Adnet, 1998			x	x	2
Bernard, 2002				x	1
Bernard, 2010		x		x	2
Bernard, 2010	x				1
Bernard, 2015		x		x	2
Bloomer, 2013				x	1
Bochicchio, 2003	x				1
Bozeman, 2006			x	x	2
Bradley, 1998			x		1
Breckwoldt, 2011		x			1
Brown, 2001				x	1
Brown, 2014		x			1
Brownstein, 1996				x	1
Bukur, 2011	x				1
Bulger, 2002				x	1
Cantineau, 1997			x		1
Caruana, 2015		x			1
Chesters, 2014		x		x	2
Cobas, 2009		x	x		2
Colwell, 2005			x		1
Combes, 2006				x	1
Corfield, 2006				x	1
Cushman, 2010				x	1
Davis, 2003			x	x	2
Davis, 2003	x			x	2
Davis, 2004	x			x	2
Davis, 2005			x	x	2
Davis, 2005a	x			x	2
Davis, 2005b	x				1
Davis, 2005c	x				1
Davis, 2006	x				1
Davis, 2007				x	1
Davis, 2008				x	1
Davis, 2011				x	1
Deitch, 2003				x	1
Denver, 2009		x	x		2
Diggs, 2014		x		x	2
Dunford, 2003				x	1
Eckstein, 2000			x		1
Elofson, 2013				x	1
Fakhry, 2006		x	x	x	3
Falcone, 1996				x	1
Frankel, 1997			x		1
Franschman, 2011	x				1
Fullerton 2009		x			1
Fullerton 2011		x		x	2
Gellertors, 2014				x	1
German 2009		x			1
Grmec, 2004				x	1
Gunning, 2009		x	x	x	3
Gunning, 2013		x		x	2
Hamiuturi, 2013				x	1
Hansen, 2015				x	1
Harris, 2011				x	1
Harrison, 2004				x	1
Hedges, 1998				x	1
Heim, 2006			x		1
Heim, 2013		x		x	2
Hiestand, 2011				x	1
Holmes, 2012				x	1
Harti, 2006	x				1
Irvin, 2010	x				1
Jacoby, 2006		x	x		2
Kamiuturi, 2012		x			1
Karamanos, 2014	x				1
Karch, 1996			x		1
Katzenell, 2013		x			1
Kaye, 2003				x	1
Klemen, 2006	x				1
Kociszewski, 2000				x	1
Kwok, 2013				x	1
Lan, 2010		x			1
Le Cong, 2012		x			1
Lenartova, 2007	x				1
Lokey, 2014		x			1
Lowe, 1998				x	1
Lyon, 2010		x			1
Ma, 1998				x	1
Mackay, 2001			x	x	2
McIntosh, 2008		x	x	x	3
McQueen, 2015		x		x	2
Merlin, 2010		x		x	2
Murphy-Macabobby, 1992				x	1
Murray, 2000	x		x		2
Nakstad, 2011				x	1
Nevin, 2014				x	1
Newton, 2008				x	1
Ochs, 2002			x	x	2
Pace, 2000				x	1
Pearson, 2003				x	1
Perkins, 2013a				x	1
Perkins, 2013b				x	1
Peters, 2015				x	1
Poste, 2004	x				1
Prekker, 2014		x		x	2
Rhee, 1994			x	x	2
Rognas, 2013		x		x	2
Sing, 1996				x	1

	Bossers	Crewdson	Lossius	Fouche	Tael
Sing, 1998			x	x	2
Singbarti, 1985	x				1
Slagt, 2004			x		1
Slater, 1996				x	1
Sloane, 2000	x			x	2
Smith, 2002				x	1
Sollid, 2009		x			1
Sunday, 2005			x	x	2
Soti, 2015				x	1
Sunde, 2015		x			1
Swanson, 2001				x	1
Swanson, 2002			x		1
Swanson, 2004			x		1
Swanson, 2004				x	1
Syverud, 1998				x	1
Tam, 2009		x	x		2
Theoni, 2015		x		x	2
Thompson, 1995				x	1
Timmermann, 2006				x	1
Timmermann, 2007		x	x		2
Tollersen, 2013				x	1
Tuma, 2014	x				1
Vadeboncoeur, 2006		x	x	x	3
Vandromme, 2011	x				1
Vilke, 1994				x	1
Von Vopellius, 2013		x		x	2
Wang et O' Connor, 2001			x		1
Wang et Sweeney, 2001			x		1
Wang, 2003				x	1
Wang, 2004	x			x	2
Wang, 2006				x	1
Wang, 2011		x		x	2
Wang, 2014	x				1
Warner, 2010		x	x	x	3
Wayne, 1999			x	x	2
Wimalasena, 2015a				x	1
Wimalasena, 2015b				x	1
Winchell, 1997	x				1
Wwent, 2015		x			1
	24	38	33	87	

35  
5