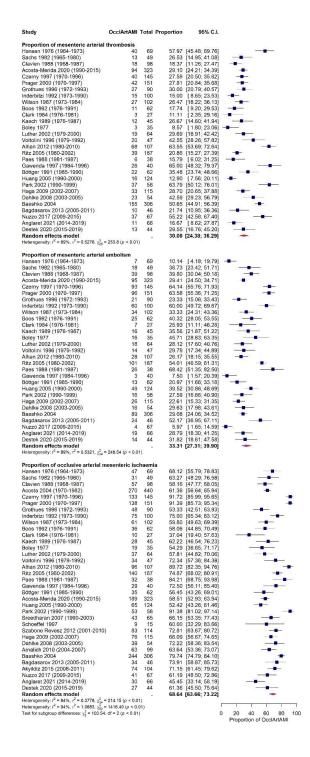
## **Supplementary Figures.**

**Supplementary Figure 1.** Proportions of different forms of acute mesenteric ischaemia. **a.** Proportion (%) of occlusive arterial mesenteric ischaemia (OcclArtAMI)



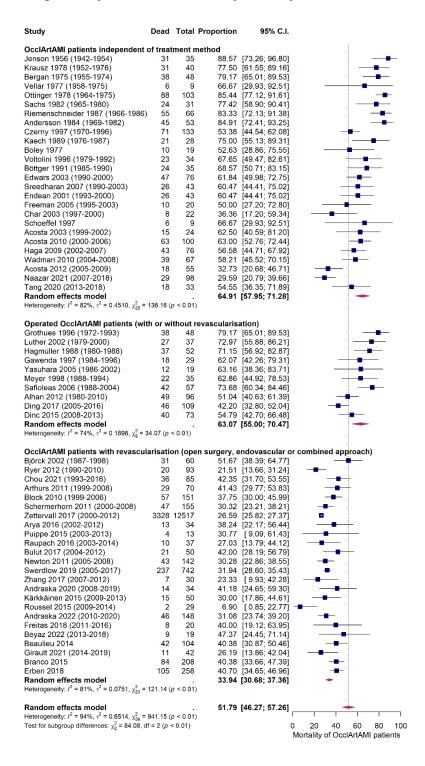
## b. Proportion (%) of non-occlusive mesenteric is chaemia (NOMI)

Study	NOMI	Total	Proportion	95% C.I.	
Hansen 1976 (1964-1973)	13	69	18.84	[10.43; 30.06]	<del>- :</del>
Sachs 1982 (1965-1980)	7	49		[ 5.94; 27.24]	<del></del>
Kaech 1989 (1976-1987)	4	45		[2.48; 21.22]	
Clavien 1988 (1968-1987)	19	98	19.39	[12.10; 28.61]	<del></del>
Acosta 2006 (1970-1982)	62	440	14.09	[10.98; 17.70]	<del></del>
Czerny 1997 (1970-1996)	7	145	4.83	[ 1.96; 9.69]	-
Prager 2000 (1970-1997)	8	151	5.30	[ 2.31; 10.17]	-
Grothues 1996 (1972-1993)	12	90	13.33	[7.08; 22.13]	<b>-</b> ■
Inderbitzi 1992 (1973-1990)	6	100	6.00	[ 2.23; 12.60]	-
Wilson 1987 (1973-1984)	24	102	23.53	[15.69; 32.96]	-
Boos 1992 (1976-1991)	20	62	32.26	[20.94; 45.34]	
Clark 1984 (1976-1981)	11	27	40.74	[22.39; 61.20]	<del></del> -
Boley 1977	15	35	42.86	[26.32; 60.65]	<del></del>
Luther 2002 (1979-2000)	5	64	7.81	[ 2.59; 17.30]	-
Alhan 2012 (1980-2010)	11	107	10.28	[ 5.24; 17.65]	
Ritz 2005 (1980-2002)	25	187	13.37	[ 8.84; 19.10]	<del></del>
Paes 1988 (1981-1987)	2	38	5.26	[ 0.64; 17.75]	-
Gawenda 1997 (1984-1996)	3	40	7.50		-
Böttger 1991 (1985-1990)	6	62	9.68	[ 3.63; 19.88]	-
Acosta-Merida 2020 (1990-2015)	28	323	8.67	. , .	-
Huang 2005 (1990-2000)	32	124	25.81	[18.37; 34.43]	-
Park 2002 (1990-1999)	5	58		[ 2.86; 18.98]	
Sreedharan 2007 (1990-2003)	9	65	13.85	[ 6.53; 24.66]	<del></del>
Schoeffel 1997	4	15	26.67	[ · · · · · , · · · · · · ]	-
Szabone Revesz 2012 (2001-2010)		114		[16.98; 33.51]	<del></del>
Haga 2009 (2002-2007)	4	115	3.48	[ 0.96; 8.67]	-
Dahlke 2008 (2003-2005)	9	54		[ 7.92; 29.29]	<del></del>
Arnalich 2010 (2004-2007)	21	99		[13.64; 30.58]	
Baeshko 2004	23	306		[ 4.82; 11.06]	-
Bagdasarov 2013 (2005-2011)	8	46		[ 7.82; 31.42]	
Akyildiz 2015 (2008-2011)	12	104	11.54	. , .	_
Nuzzo 2017 (2009-2015)	1	67	1.49	[ 0.04; 8.04]	-
Calame 2020 (2010-2017)	29	50		[43.21; 71.81]	
Anglaret 2021 (2014-2019)	30	66		[33.14; 58.19]	-
Destek 2020 (2015-2019)	6	44	13.64	[ 5.17; 27.35]	_
Random effects model				[11.81; 18.65]	
Heterogeneity: $I^2 = 87\%$ , $\tau^2 = 0.0160$ , $\chi^2_{34} =$	252.16 (	p < 0.0	1)		
				1	0 10 20 30 40 50 60 70
					Proportion of NOMI

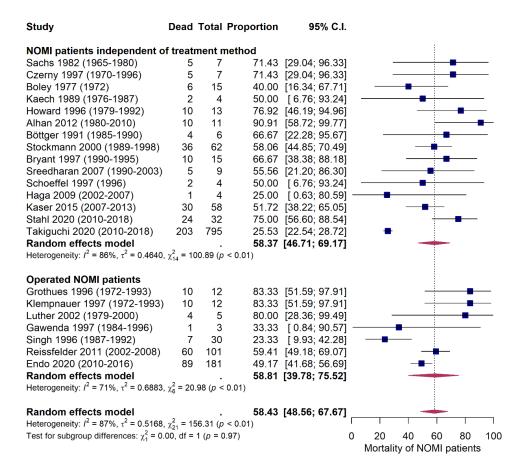
## c. Proportion (%) of venous mesenteric thrombosis (MVT)

Study	MVT	Total	Proportion	95% C.I.	
Hansen 1976 (1964-1973)	9	69	13.04	[ 6.14; 23.32]	
Sachs 1982 (1965-1980)	11	49	22.45	[11.77; 36.62]	-
Clavien 1988 (1968-1987)	13	98	13.27	[7.26; 21.62]	
Czerny 1997 (1970-1996)	5	145	3.45	[ 1.13; 7.86]	-
Prager 2000 (1970-1997)	5	151	3.31	[ 1.08; 7.56]	-
Acosta 2005 (1972-1980)	55	440	12.50	[ 9.56; 15.96]	<del>-</del>
Grothues 1996 (1972-1993)	30	90	33.33	[23.74; 44.05]	-
Inderbitzi 1992 (1973-1990)	19	100	19.00	[11.84; 28.07]	-
Boos 1992 (1976-1991)	3	62	4.84	[ 1.01; 13.50]	-
Clark 1984 (1976-1981)	5	27	18.52	[ 6.30; 38.08]	
Kaech 1989 (1976-1987)	5	45	11.11	[ 3.71; 24.05]	<del></del>
Boley 1977	1	35	2.86	[ 0.07; 14.92]	-
Luther (1979-2000)	9	64	14.06	[ 6.64; 25.02]	
Voltolini 1996 (1979-1992)	4	47	8.51	[2.37; 20.38]	
Ritz 2005 (1980-2002)	22	187	11.76	[7.52; 17.27]	<del>- •</del>
Paes 1988 (1981-1987)	4	38	10.53	[ 2.94; 24.80]	<del></del>
Abu-Daff 2009 (1984-2004)	31	638	4.86	[3.32; 6.83]	<b>■</b>
Gawenda 1997 (1984-1996)	4	40	10.00	[2.79; 23.66]	
Böttger 1991 (1985-1990)	20	62	32.26	[20.94; 45.34]	
Brunaud 2001 (1987-1999)	26	281	9.25	[6.13; 13.26]	-
Acosta-Merida 2020 (1990-2015)	44	323	13.62	[10.08; 17.85]	-
Huang 2005 (1990-2000)	12	124	9.68	[5.10; 16.29]	_
Sreedharan 2007 (1990-2003)	6	65	9.23	[ 3.46; 19.02]	<del></del>
Schoeffel 1997	2	15	13.33	[ 1.66; 40.46]	
Szabone Revesz 2012 (2001-2010)	3	114	2.63	[ 0.55; 7.50]	-
Haga 2009 (2002-2007)	8	115	6.96	[3.05; 13.25]	<b>—</b>
Dahlke 2008 (2003-2005)	3	54	5.56	[1.16; 15.39]	-
Arnalich 2010 (2004-2007)	15	99	15.15	[8.74; 23.76]	
Baeshko 2004	24	306	7.84	[5.09; 11.45]	-
Bagdasarov 2013 (2005-2011)	4	46	8.70	[ 2.42; 20.79]	
Akyildiz 2015 (2008-2011)	15	104		[8.30; 22.67]	
Nuzzo 2017 (2009-2015)	25	67	37.31	[25.80; 49.99]	
Anglaret 2021 (2014-2019)	6	66	9.09	[ 3.41; 18.74]	
Destek 2020 (2015-2019)	11	44	25.00	[13.19; 40.34]	
Random effects model	400.77		11.52	[ 9.12; 14.15]	
Heterogeneity: $I^2$ = 82%, $\tau^2$ = 0.0095, $\chi^2_{33}$ =	183.//	(p < 0.0)	J1)		0 10 00 00 10 50
					0 10 20 30 40 50 Proportion of MVT
					'

**Supplementary Figure 2.** Short-term (hospital or 30-days) mortality of occlusive arterial form of acute mesenteric ischaemia (OcclArtAMI). Selection of the studies is specified in the headings of the panels. In brackets, the period of patient inclusion is indicated.



**Supplementary Figure 3.** Short-term (hospital or 30-days) mortality of non-occlusive mesenteric ischaemia (NOMI). Subgroup analyses of studies including patients independent of treatment method (upper panel), and of studies including only operated patients (lower panel) are presented. In brackets, the period of patient inclusion is indicated.



**Supplementary Figure 4.** Short-term (hospital or 30-days) mortality of mesenteric vein thrombosis (MVT). In brackets, the period of patient inclusion is indicated.

Study	Dead	Total	Proportion	95% C.	l <b>.</b>	
Jenson 1956 (1942-1954)	1	9	11.11	[ 0.28; 48.25	j —	•
Sachs 1982 (1965-1980)	4	11	36.36	[10.93; 69.21	j	<del></del>
Riemenschneider 1987 (1966-1986)	22	32	68.75	[49.99; 83.88	j	
Andersson 1984 (1969-1982)	4	7	57.14	[18.41; 90.10	j	•
Czerny 1997 (1970-1996)	3	5	60.00	[14.66; 94.73	]	-
Boley 1977	0	1	0.00	[ 0.00; 97.50	] •—	
Grothues 1996 (1972-1993)	11	30	36.67	[19.93; 56.14	.]	
Klempnauer 1997 (1972-1993)	11	30	36.67	[19.93; 56.14	.]	<del></del>
Rhee 1994 (1972-1993)	23	55	41.82	[28.65; 55.89	]	<del></del>
Kaech 1989 (1976-1987)	1	5	20.00	[ 0.51; 71.64	] —	
Luther 2002 (1979-2000)	3	9	33.33	[ 7.49; 70.07	] -	
Voltolini 1996 (1979-1992)	2	4	50.00	[ 6.76; 93.24	.] -	•
Abu-Daff 2009 (1984-2004)	4	31	12.90	[ 3.63; 29.83	] —	<del></del>
Alvi 2009 (1984-2007)	4	20	20.00	[ 5.73; 43.66	] -	<del></del>
Gawenda 1997 (1984-1996)	0	4	0.00	[ 0.00; 60.24	] =	<del></del>
Böttger 1991 (1985-1990)	9	20	45.00	[23.06; 68.47	]	<del></del>
Brunaud 2001 (1987-1999)	5	26	19.23	[ 6.55; 39.35	j] -	<del></del>
Acosta-Merida 2007 (1988-2002)	7	20	35.00	[15.39; 59.22	.]	<del></del>
Sreedharan 2007 (1990-2003)	2	6	33.33	[ 4.33; 77.72	] -	<u> </u>
Endean 2001 (1993-2000)	2	15	13.33	[ 1.66; 40.46	] —	<del></del>
Schoeffel 1997 (1996)	0	2	0.00	[ 0.00; 84.19	] •—	
Amitrano 2007 (1998-2005)	6	32	18.75	[ 7.21; 36.44	.] -	<del></del>
Acosta 2008 (2000-2006)	10	51	19.61	[ 9.82; 33.12	.]	<del></del>
Salim 2018 (2000-2015)	13	120	10.83	[ 5.90; 17.81	] +	■-
Haga 2009 (2002-2007)	3	8	37.50	[ 8.52; 75.51	] .	
Yang 2014 (2009-2012)	1	25	4.00	[ 0.10; 20.35	] 🖶	<del></del>
Yang 2015 (2009-2013)	5	43	11.63	[ 3.89; 25.08	] —	
Random effects model				[17.01; 32.89	]	
Heterogeneity: $I^2 = 71\%$ , $\tau^2 = 0.0267$ , $\chi^2_{26} =$	88.58 (p	< 0.01)			ı	1 1 1 1
					0	20 40 60 80 100
						Mortality of MVT