

Author & Year

N %Female

Age SD Acute

Mean BMI [95% CI]

MNA <17

Hosseini, 2017	22	32	72	10	N	21.0 [19.5, 22.5]
Rohrig, 2015	130	36	81	9	Y	23.2 [22.4, 24.0]
Abd-El-Gawad, 2014	53	36	70	9	Y	24.1 [22.3, 26.0]
Akin, 2014	18	78	82	2	NNNN	24.1 [22.1, 26.1]
Kuyumcu, 2013	12	25	75	2	NNNN	19.8 [19.1, 20.6]
Donini, 2013	36	75	84	6	NNNN	19.0 [18.0, 20.0]
Sargent, 2013	5	50	85	6	NBNYY	20.6 [19.0, 22.2]
Vischer (Case-control), 2012	29	63	86	7	NNNN	21.1 [20.4, 21.8]
Vischer (Perspective), 2012	113	80	76	11	NNNN	19.2 [18.7, 19.7]
Duran Alert, 2012	17	72	79	9	NNNN	20.2 [19.1, 21.3]
Leandro-Merhi, 2011	9	40	86	6	NNNN	20.1 [19.9, 20.9]
Ahamadan, 2011	31	55	75	15	NNNN	18.1 [17.9, 18.9]
Bonilla-Palomás, 2011	27	85	71	8	NNNN	21.1 [19.4, 22.8]
Cereda, 2011	116	75	77	15	NNNN	22.9 [21.2, 24.6]
Amirkalai, 2010	6	56	80	8	NNNN	18.5 [17.6, 19.4]
Lei, 2009	36	53	83	6	NNNN	20.0 [18.8, 21.5]
Venzin, 2009	44	48	85	6	NNNN	18.5 [17.9, 19.1]
Inoue, 2007	45	53	80	8	NNNN	24.2 [15.8, 32.6]
Reyes, 2007.2	18	58	71	11	NNNN	20.4 [18.7, 22.1]
De Luis, 2006	48	56	77	15	NNNN	18.7 [16.5, 20.9]
Kuzuya, 2005	45	64	80	8	NNNN	20.98 [20.12, 21.84]
Peña, 2004	10	51	83	6	NNNN	21.1 [20.4, 21.8]
Gerber, 2003.2	12	100	80	8	NNNN	22.9 [21.2, 24.6]
Magni, 2003	62	86	85	9	NNNN	18.5 [17.9, 19.1]
Ruiz-Lopez, 2003	5	100	79	7	NNNN	24.2 [15.8, 32.6]
Persson, 2002	18	68	80	8	NNNN	20.4 [18.7, 22.1]
Murphy, 2000	8	100	80	7	NNNN	18.7 [16.5, 20.9]

RE Model for Subgroup

MNA 17-23.5

Hosseini, 2017.1	182	32	71	7	N	26.4 [25.7, 27.1]
Rohrig, 2015.1	378	68	81	7	NNNN	25.8 [25.2, 26.3]
Abd-El-Gawad, 2014.1	69	54	69	8	NNNN	24.9 [23.1, 26.7]
Akin, 2014.1	33	53	83	9	NNNN	27.6 [26.3, 28.8]
Kuyumcu, 2013.1	69	48	73	1	NNNN	26.9 [25.5, 28.3]
Donini, 2013.1	46	67	82	1	NNNN	26.6 [23.4, 29.8]
Sargent, 2013.1	5	30	75	1	NNNN	24.3 [23.0, 25.0]
Vischer (Case-control), 2012.1	82	63	85	6	NNNN	26.9 [24.4, 29.3]
Vischer (Perspective), 2012.1	224	72	84	6	NNNN	22.3 [20.4, 24.2]
Duran Alert, 2012.1	224	72	72	9	NNNN	29.2 [27.2, 31.2]
Leandro-Merhi, 2011.1	33	40	71	10	NNNN	29.7 [24.2, 33.9]
Ahamadan, 2011.1	43	65	73	6	NNNN	22.1 [21.5, 22.7]
Bonilla-Palomás, 2011.1	127	48	84	8	NNNN	22.4 [21.5, 23.3]
Cereda, 2011.1	206	76	68	6	NNNN	20.7 [19.9, 21.5]
Amirkalai, 2010.1	74	56	61	21	NNNN	26.0 [24.5, 27.5]
Lei, 2009.1	98	56	79	8	NNNN	26.0 [24.5, 27.5]
Venzin, 2009.1	85	55	71	8	NNNN	22.2 [21.5, 22.9]
Inoue, 2007.1	83	64	74	15	NNNN	26.5 [24.2, 28.8]
Reyes, 2007.1	49	58	84	4	NNNN	27.0 [23.2, 30.8]
De Luis, 2006.1	107	47	71	7	NNNN	25.7 [24.2, 27.2]
Kuzuya, 2005.1	131	59	77	7	NNNN	26.1 [23.3, 29.9]
Soini (women+men), 2005	24	78	86	6	NNNN	27.3 [25.9, 28.7]
Delacorte, 2004.1	13	55	86	6	NNNN	25.9 [24.7, 27.1]
Peña, 2004.1	44	51	83	6	NNNN	24.0 [22.2, 25.8]
Gerber, 2003.1	45	100	83	10	NNNN	25.44 [24.57, 26.31]
Magni, 2003	83	56	82	10	NNNN	25.44 [24.57, 26.31]
Ruiz-Lopez, 2003.1	56	100				
Persson, 2002.1	38	68				
Murphy, 2000.1	23	100				

RE Model for Subgroup

MNA >23.5

Hosseini, 2017.2	21	32	71	8	N	27.1 [25.3, 28.9]
Rohrig, 2015.2	104	68	81	8	NNNN	28.6 [27.5, 29.7]
Abd-El-Gawad, 2014.2	9	89	68	8	NNNN	36.4 [28.6, 44.9]
Akin, 2014.2	103	65	81	9	NNNN	27.1 [25.9, 29.3]
Kuyumcu, 2013.2	19	72	69	9	NNNN	30.5 [29.1, 33.9]
Donini, 2013.2	18	72	74	10	NNNN	32.6 [29.8, 35.4]
Sargent, 2013.2	42	30	75	6	NNNN	26.9 [25.6, 28.2]
Vischer (Case-control), 2012.2	52	63	86	7	NNNN	28.5 [27.0, 30.0]
Vischer (Perspective), 2012.2	107	72	83	7	NNNN	26.8 [25.9, 29.4]
Duran Alert, 2012.2	10	36	83	7	NNNN	26.7 [25.3, 28.1]
Leandro-Merhi, 2011.2	67	36	69	9	NNNN	31.6 [28.0, 35.2]
Ahamadan, 2011.2	11	65	71	9	NNNN	30.0 [28.8, 31.2]
Bonilla-Palomás, 2011.2	57	23	71	11	NNNN	26.6 [25.3, 27.9]
Cereda, 2011.2	36	71	81	9	NNNN	26.2 [25.1, 27.3]
Amirkalai, 2010.2	99	56	74	10	NNNN	22.2 [21.5, 24.9]
Lei, 2009.2	50	54	68	10	NNNN	26.4 [25.3, 26.9]
Venzin, 2009.2	294	48	63	19	NNNN	23.9 [23.1, 24.7]
Inoue, 2007.2	53	64	81	8	NNNN	27.6 [25.5, 29.7]
Reyes, 2007	30	58	71	8	NNNN	28.3 [28.2, 29.9]
De Luis, 2006.2	45	42	67	15	NNNN	24.8 [24.2, 25.4]
Kuzuya, 2005.2	50	78	77	7	NNNN	27.7 [26.2, 29.2]
Soini (women+men), 2005.1	27	78	84	7	NNNN	26.0 [24.5, 27.5]
Delacorte, 2004	29	71	71	7	NNNN	25.5 [24.1, 26.9]
Peña, 2004.2	29	51	85	7	NNNN	27.8 [26.3, 29.3]
Gerber, 2003	21	100	75	7	NNNN	28.8 [27.9, 31.3]
Magni, 2003.2	29	86	83	8	NNNN	25.7 [24.3, 27.1]
Ruiz-Lopez, 2003.2	28	100	87	7	NNNN	27.2 [25.2, 29.2]
Persson, 2002.2	12	68	78	7	NNNN	25.7 [24.3, 27.1]
Murphy, 2000.2	18	100				

RE Model for Subgroup

RE Model for All Studies

Heterogeneity: $I^2 = 93\%$, $p < .0001$ 