

Appendix Study characteristics [posted as supplied by authors]

Study	Country	Participants	% of females	Mean (SD) age	Agomelatine dose (mg)	Comparison	Sample size ITT/Randomised	Follow up (weeks)	Rating scale
CAGO178A2303	USA	DSM IV criteria for MDD; HAM-D \geq 22	62.4	42.9 \pm 12.5	25	Par 20mg Plb	Ago: 162/169 Par: 163/168 Plb: 158/166	8	HAM-D ₁₇
CL3-022	France	Out or inpatients, DSM IV criteria for MDD; HAM-D \geq 22	69.0	42.4 \pm 10.2	25	Flu 20mg Plb	Ago: 129/133 Flu: 133/137 Plb: 147/149	6	HAM-D ₁₇
CL3-023	Australia, Czech Republic, Estonia, Finland, Hungary, Latvia, Lithuania, Portugal, South Africa, Sweden	Out or inpatients, DSM IV criteria for MDD; HAM-D \geq 22	74.6	40.9 \pm 10.6	25	Par 20mg Plb	Ago: 141/142 Par: 137/138 Plb: 137/137	6	HAM-D ₁₇
CL3-024	Argentina, Canada, Chile, Finland, France, Mexico, South Africa	Out or inpatients, DSM IV criteria for MDD; HAM-D \geq 22	72.5	40.9 \pm 10.9	25, 50	Flu 20mg Plb	Ago(25): 148/150 Ago(50): 147/151 Flu: 146/148 Plb: 158/158	6	HAM-D ₁₇
CL3-026	Sweden, Finland, France, Portugal, Australia, Canada, South Africa	Out or inpatients, age \geq 60 years, DSM IV criteria for MDD; MADRS \geq 24	67.0	67.3 \pm 5.2	25	Plb	Ago: 106/109 Plb: 106/109	6	MADRS
CL3-048	Australia, Belgium, Denmark, France, Hungary, Italy, Norway, Poland, Portugal, Spain	Outpatients, age \geq 60 years, DSM IV-TR criteria for MDD; HAM-D \geq 22	73.1	68.5 \pm 6.2	25 to 50	Par 20 to 30mg	Ago: 209/213 Par: 194/199	12	HAM-D ₁₇
CL3-052	China, Singapore, Malaysia, Taiwan, Korea	DSM IV-TR criteria for MDD; HAM-D \geq 22	69.4	39.0 \pm 12.7	25 to 50	Flu 20 to 40mg	Ago: 301/314 Flu: 308/314	8	HAM-D ₁₇
CL3-063	Australia, Brazil, Canada, France, Russia, South Africa, UK	Outpatients, DSM IV-TR criteria for MDD; HAM-D \geq 22	71.0	43.2 \pm 12.4	25 to 50	Esc 10 to 20mg	Ago: 162/164 Esc: 160/160	12	HAM-D ₁₇
CL3-069	Argentina, Bulgaria, Finland, Russia, Slovakia, Ukraine	Outpatients, DSM IV-TR criteria for MDD; HAM-D \geq 22	73.0	45.0 \pm 12.6	10,25, 25 to 50	Plb	Ago(10):132/133 Ago(25): 138/138 Ago(25 to 50): 136/137 Plb:141/141	6	HAM-D ₁₇

CL3-070	Argentina, Finland, Mexico, Portugal, Romania	Outpatients, age ≥ 60 years, DSM IV-TR criteria for MDD; HAM-D ≥ 22	68.0	71.8 \pm 5.0	25 to 50	Plb	Ago: 148/151 Plb: 70/71	8	HAM-D ₁₇
Hale et al 2010	Argentina, Brazil, Italy, Spain, UK	Outpatients, DSM IV-TR criteria for MDD; HAM-D ≥ 25	77.7	42.3 \pm 11.6	25 to 50	Flu 20 to 40mg	Ago: 247/252 Flu: 257/263	8	HAM-D ₁₇
Kasper et al 2010	France, Germany, Austria, Spain, Italy, Poland	Outpatients, DSM IV-TR criteria for MDD; HAM-D ≥ 22	70.0	43.9 \pm 10.3	25 to 50	Ser 50 to 100mg	Ago: 150/154 Ser: 157/159	6	HAM-D ₁₇
Kennedy & Emsley 2006	Finland, Canada, South Africa	Outpatients, DSM IV criteria for MDD; HAM-D ≥ 22	58.3	42.5 \pm 12.5	25 to 50	Plb	Ago: 106/107 Plb: 105/105	6	HAM-D ₁₇
Kennedy et al 2008	Canada, France, UK	Outpatients, DSM IV-TR criteria for MDD; MADRS ≥ 20	72.0	40.9 \pm 10.2	50	Ven XR 150mg	Ago: 137/137 Ven: 139/140	12	MADRS
Lemoine et al 2007	France, Spain	Outpatients, DSM IV criteria for MDD; HAM-D ≥ 20	71.2	40.1 (range 18 to 60)	25 to 50	Ven 75 to 150mg	Ago: 165/165 Ven: 167/167	6	HAM-D ₁₇
Loo et al 2002	France, UK, Belgium	DSM IV criteria for MDD or bipolar II disorder (depressed); HAM-D ≥ 22	66.5	42.3	1, 5, 25	Par 20mg Plb	Ago(1): 136/141 Ago(5): 146/147 Ago(25): 135/137 Par: 144/147 Plb: 136/139	8	HAM-D ₁₇
Olié & Kasper 2007	France, Finland	Outpatients, DSM IV criteria for MDD; HAM-D ≥ 22	73.5	45.0 \pm 11.3	25 to 50	Plb	Ago: 116/118 Plb: 119/120	6	HAM-D ₁₇
Quera-Salva et al 2011	Australia, Austria, Brazil, Finland, France, Germany, Spain, Taiwan	Outpatients, DSM IV criteria for MDD; HAM-D ≥ 22	65.0	41.4 \pm 11.5	25 to 50	Esc 10 to 20mg	Ago: 68/71 Esc: 61/67	6	HAM-D ₁₇
Stahl et al 2010	USA	DSM IV criteria for MDD; HAM-D ≥ 22	65.4	43.3 \pm 12.3	25, 50	Plb	Ago(25): 158/168 Ago(50): 161/169 Plb: 163/166	8	HAM-D ₁₇

Zajecka et al 2010	USA	DSM IV criteria for MDD; HAM-D \geq 22	66.7	43.8 \pm 12.2	25, 50	Plb	Ago(25): 156/170 Ago(50): 161/168 Plb: 167/173	8	HAM-D ₁₇
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Abbreviations: Ago = agomelatine; Plb = placebo; Par = paroxetine; Flu = fluoxetine; Esc = escitalopram; Ven = venlafaxine; Ser = sertraline; HAM-D = Hamilton Rating Scale for Depression = HAM-D; MADRS = Montgomery Asberg Depression Rating Scale; MDD = Major Depressive Disorder; DSM = Diagnostic and Statistical Manual of Mental Disorders; ITT = Intention to Treat.