

Description of AMOS cohorts and corresponding cohorts, stratified by diagnosis

Table 1 - Percent women

Diagnosis	AMOS cohorts		Corresponding cohorts		
	N (Women/Total)	Percent	N (Women/Total)	Percent	N (evaluable/all cohorts)
Asthma	39 / 56	70%	1233 / 2030	61%	12 / 12
Depression	145 / 174	83%	2796 / 4440	63%	19 / 19
Low back pain	69 / 80	86%	1777 / 4207	42%	26 / 30
Migraine	38 / 42	90%	2684 / 3494	77%	18 / 21
Neck pain	35 / 40	88%	407 / 756	54%	2 / 2
Total	326 / 392	83%	8897 / 14927	60%	77 / 84

Table 2 - Age

*of patients **of cohorts

Diagnosis	AMOS cohorts		Corresponding cohorts		
	Mean*	SD*	Mean**	SD**	N (evaluable/all cohorts)
Asthma	43.78	11.35	47.18	6.72	11 / 12
Depression	43.48	11.04	44.77	5.40	17 / 19
Low back pain	48.34	12.03	45.97	4.85	27 / 30
Migraine	40.00	11.71	41.21	2.77	19 / 21
Neck pain	45.92	11.60	46.35	2.78	2 / 2
Total	44.39	11.62	44.70	5.20	76 / 84

Table 3 - Study design of corresponding cohorts

Diagnosis	Randomised controlled trials	Non-randomised comparative studies	Cohort studies	Total
	N (%)	N (%)	N (%)	N (%)
Asthma	5 (42)	0 (0)	7 (58)	12 (100)
Depression	16 (84)	0 (0)	3 (16)	19 (100)
Low back pain	13 (43)	6 (20)	11 (37)	30 (100)
Migraine	4 (19)	3 (14)	14 (67)	21 (100)
Neck pain	2 (100)	0 (0)	0 (0)	2 (100)
Total	40 (48)	9 (11)	35 (42)	84 (100)

Table 4 - Setting of corresponding cohorts

Diagnosis	Primary care / Health Maintenance Organization	Non-academic hospital or clinic	Academic hospital or clinic	Other or not specified	Total
	N (%)	N (%)	N (%)	N (%)	N (%)
Asthma	1 (8)	4 (33)	5 (42)	2 (17)	12 (100)
Depression	14 (74)	4 (21)	0 (0)	1 (5)	19 (100)
Low Back Pain	5 (17)	9 (30)	12 (40)	4 (13)	30 (100)
Migraine	6 (29)	2 (10)	9 (43)	4 (19)	21 (100)
Neck pain	1 (50)	0 (0)	1 (50)	0 (0)	2 (100)
Total	27 (32)	19 (23)	27 (32)	11 (13)	84 (100)

Table 5 - Setting of patients

*AMOS patients: setting unknown: n = 3

Diagnosis	AMOS patients*				Corresponding cohort patients				
	Primary care	Referral practice	Out-patient clinic	Total	Primary care / HMO	Non-academic hospital or clinic	Academic hospital or clinic	Other or not specified	Total
	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)
Asthma	27 (48)	29 (52)	0 (0)	56 (100)	304 (15)	849 (42)	620 (31)	257 (13)	2030 (100)
Depression	158 (91)	8 (5)	8 (5)	174 (100)	3111 (70)	0 (0)	1297 (29)	32 (1)	4440 (100)
Low back pain	77 (97)	1 (1)	1 (1)	79 (100)	857 (18)	1754 (37)	1592 (34)	498 (11)	4701 (100)
Migraine	36 (88)	3 (7)	2 (5)	41 (100)	887 (21)	1139 (27)	81 (2)	2133 (50)	4240 (100)
Neck pain	39 (100)	0 (0)	0 (0)	39 (100)	268 (35)	488 (65)	0 (0)	0 (0)	756 (100)
Total	337 (87)	41 (11)	11 (3)	389* (100)	5427 (34)	4230 (26)	3590 (22)	2920 (18)	16167 (100)

Table 6 - Disease duration in years at baseline

*of patients. **of cohorts

Diagnosis	AMOS cohorts		Corresponding cohorts		
	Median*	Interquartile range*	Median**	Interquartile range**	N (evaluable/all cohorts)
Asthma	14.50	6.00-22.25	14.50	10.35-20.01	6 / 12
Depression	4.00	1.50-10.00	16.33	16.33-16.33	1 / 19
Low back pain	7.00	2.00-16.00	5.06	3.46-10.00	3 / 30
Migraine	12.50	6.38-20.00	21.33	5.25-21.92	3 / 21
Neck pain	4.50	0.63-10.00	2.32	2.32-2.32	1 / 2
Total	6.00	2.00-15.75	12.08	5.20-20.01	14 / 84

Table 7 - Study treatment in corresponding cohorts

N and percentages of cohorts

Diagnosis	Drugs	Treatment-as-usual	Surgery	Physiotherapy	Other physical therapy	Educational	Mixed or other	Total
	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)
Asthma	7 (58)	2 (17)	0 (0)	0 (0)	0 (0)	3 (25)	0 (0)	12 (100)
Depression	8 (42)	3 (16)	0 (0)	0 (0)	0 (0)	2 (11)	6 (32)	19 (100)
Low Back Pain	2 (7)	9 (30)	7 (23)	3 (10)	5 (17)	1 (3)	3 (10)	30 (100)
Migraine	15 (71)	3 (14)	0 (0)	0 (0)	0 (0)	1 (5)	2 (7)	21 (100)
Neck pain	0 (0)	0 (0)	1 (50)	1 (50)	0 (0)	0 (0)	0 (0)	2 (100)
Total	32 (38)	17 (20)	8 (10)	4 (5)	5 (7)	7 (8)	11 (13)	84 (100)

Table 8 - Study treatment in corresponding cohort patients

N and percentages of patients

Diagnosis	Drugs	Treatment-as-usual	Surgery	Physiotherapy	Other physical therapy	Educational	Mixed or other	Total
	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)
Asthma	1062 (52)	429 (21)	0 (0)	0 (0)	0 (0)	539 (27)	0 (0)	2030 (100)
Depression	2569 (58)	352 (8)	0 (0)	0 (0)	0 (0)	323 (7)	1196 (27)	4440 (100)
Low back pain	412 (8)	1302 (28)	961 (20)	1360 (29)	232 (5)	50 (1)	384 (8)	4701 (100)
Migraine	3612 (85)	326 (8)	0 (0)	0 (0)	0 (0)	46 (1)	256 (6)	4240 (100)
Neck pain	0 (0)	0 (0)	488 (65)	268 (35)	0 (0)	0 (0)	0 (0)	756 (100)
Total	7655 (47)	2409 (15)	1449 (9)	1628 (10)	232 (1)	958 (6)	1836 (11)	16167 (100)

Table 9 - Last follow-up of corresponding cohorts

N and percentages of cohorts. Last follow-up was after 12 months for all A-patients.

Diagnosis	3 Months	6 Months	12 Months	Total
	N (%)	N (%)	N (%)	N (%)
Asthma	3 (25)	4 (33)	5 (42)	12 (100)
Depression	9 (47)	8 (42)	2 (11)	19 (100)
Low Back Pain	8 (27)	8 (27)	14 (47)	30 (100)
Migraine	3 (14)	12 (57)	6 (29)	21 (100)
Neck pain	0 (0)	0 (0)	2 (100)	2 (100)
All	23 (27)	32 (38)	29 (35)	84 (100)

Table 10 - Follow-up rates

*of patients. **of cohorts. Number of evaluable corresponding cohorts at each follow-up: See Table 9

Diagnosis	3 Months		6 Months		12 Months	
	AMOS cohorts*	Corresponding cohorts**	AMOS cohorts*	Corresponding cohorts**	AMOS cohorts*	Corresponding cohorts**
Asthma	80.4%	58.0%	67.9%	70.7%	73.2%	73.8%
Depression	87.9%	86.4%	85.1%	82.1%	78.7%	87.0%
Low Back Pain	86.3%	82.1%	83.8%	82.8%	80.0%	70.0%
Migraine	90.5%	88.1%	78.6%	79.6%	73.8%	76.1%
Neck pain	95.0%	Not applicable	90.0%	Not applicable	90.0%	74.7%
All	87.5%	83.0%	82.1%	79.1%	78.8%	72.2%