

## Supplementary data

Table 2. Development in hip fracture patients co-morbidity from 1999 to 2012.

Co-morbidity		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	P-value for trend
Myocardial infarction	Men	67 (2.38)	65 (2.36)	80 (2.88)	85 (3.07)	94 (3.54)	83 (3.04)	87 (3.11)	96 (3.66)	92 (3.38)	97 (3.55)	86 (3.25)	80 (2.88)	81 (2.94)	69 (2.67)	0.17
	Women	103 (1.50)	119 (1.78)	140 (2.09)	141 (2.17)	147 (2.36)	143 (2.29)	157 (2.55)	144 (2.41)	137 (2.33)	128 (2.18)	115 (2.07)	128 (2.25)	103 (1.93)	114 (2.24)	0.03
Congestive heart failure	Men	183 (6.49)	170 (6.17)	221 (7.96)	212 (7.66)	224 (8.42)	256 (9.38)	264 (9.45)	235 (8.96)	242 (8.89)	308 (11.27)	258 (9.76)	289 (10.40)	282 (10.25)	276 (10.67)	<.0001
	Women	407 (5.92)	459 (6.88)	538 (8.04)	538 (8.30)	571 (9.15)	561 (8.98)	672 (10.92)	674 (11.28)	636 (10.80)	648 (11.03)	687 (12.34)	654 (11.47)	591 (11.09)	663 (13.05)	<.0001
Peripheral vascular disease	Men	57 (2.02)	63 (2.29)	71 (2.56)	57 (2.06)	57 (2.14)	79 (2.89)	80 (2.86)	68 (2.59)	87 (3.20)	101 (3.70)	100 (3.78)	120 (4.32)	92 (3.34)	81 (3.13)	<.0001
	Women	109 (1.59)	129 (1.93)	131 (1.96)	131 (2.02)	133 (2.13)	150 (2.40)	139 (2.26)	134 (2.24)	143 (2.43)	154 (2.62)	158 (2.84)	157 (2.75)	146 (2.74)	133 (2.62)	<.0001
Cerebrovascular disease	Men	161 (5.71)	176 (6.39)	177 (6.37)	190 (6.86)	189 (7.11)	210 (7.70)	219 (7.84)	210 (8.01)	224 (8.23)	206 (7.54)	195 (7.38)	187 (6.73)	199 (7.23)	192 (7.42)	0.004
	Women	331 (4.81)	366 (5.49)	393 (5.88)	392 (6.05)	421 (6.74)	404 (6.47)	403 (6.55)	399 (6.68)	428 (7.27)	456 (7.76)	340 (6.11)	378 (6.63)	364 (6.83)	348 (6.85)	<.0001
Dementia	Men	95 (3.37)	73 (2.65)	91 (3.28)	105 (3.79)	103 (3.87)	117 (4.29)	111 (3.97)	133 (5.07)	133 (4.88)	120 (4.39)	97 (3.67)	91 (3.27)	107 (3.89)	104 (4.02)	0.02
	Women	222 (3.23)	223 (3.34)	246 (3.68)	273 (4.21)	266 (4.26)	299 (4.79)	286 (4.65)	363 (6.07)	332 (5.64)	304 (5.17)	262 (4.71)	256 (4.49)	219 (4.11)	199 (3.92)	<.0001
Chronic pulmonary disease	Men	117 (4.15)	91 (3.30)	110 (3.96)	123 (4.44)	111 (4.17)	111 (4.07)	135 (4.83)	116 (4.42)	127 (4.66)	115 (4.21)	144 (5.45)	140 (5.04)	146 (5.31)	132 (5.10)	<.0001
	Women	171 (2.49)	183 (2.74)	198 (2.96)	204 (3.15)	193 (3.09)	221 (3.54)	208 (3.38)	215 (3.60)	225 (3.82)	225 (3.83)	216 (3.88)	214 (3.75)	214 (4.02)	194 (3.82)	<.0001
Rheumatic disease	Men	13 (0.46)	14 (0.51)	15 (0.54)	19 (0.69)	25 (0.94)	17 (0.62)	22 (0.79)	25 (0.95)	18 (0.66)	15 (0.55)	26 (0.98)	14 (0.50)	31 (1.13)	20 (0.77)	0.02
	Women	97 (1.41)	96 (1.44)	94 (1.41)	95 (1.47)	103 (1.65)	103 (1.65)	108 (1.75)	88 (1.47)	83 (1.41)	98 (1.67)	77 (1.38)	75 (1.32)	76 (1.43)	71 (1.40)	0.68
Peptic ulcer disease	Men	69 (2.45)	72 (2.61)	89 (3.20)	107 (3.86)	96 (3.61)	94 (3.44)	134 (4.79)	125 (4.77)	124 (4.55)	112 (4.10)	116 (4.39)	132 (4.75)	132 (4.80)	99 (3.83)	<.0001
	Women	155 (2.25)	160 (2.40)	184 (2.75)	192 (2.96)	200 (3.20)	232 (3.71)	210 (3.41)	222 (3.71)	232 (3.94)	228 (3.88)	192 (3.45)	219 (3.84)	233 (4.37)	186 (3.66)	<.0001
Mild liver disease	Men	20 (0.71)	25 (0.91)	20 (0.72)	29 (1.05)	21 (0.79)	23 (0.84)	29 (1.04)	34 (1.30)	35 (1.29)	34 (1.24)	25 (0.95)	38 (1.37)	20 (0.73)	27 (1.04)	0.05
	Women	21 (0.31)	18 (0.27)	12 (0.18)	23 (0.35)	21 (0.34)	35 (0.56)	31 (0.50)	29 (0.49)	41 (0.70)	30 (0.51)	36 (0.65)	35 (0.61)	35 (0.66)	40 (0.79)	<.0001
Moderate or severe liver disease	Men	3 (0.11)	4 (0.15)	9 (0.32)	8 (0.29)	7 (0.26)	10 (0.37)	10 (0.36)	12 (0.46)	10 (0.37)	11 (0.40)	20 (0.76)	17 (0.61)	15 (0.55)	17 (0.66)	<.0001
	Women	4 (0.06)	3 (0.04)	4 (0.06)	5 (0.08)	12 (0.19)	6 (0.10)	11 (0.18)	14 (0.23)	14 (0.24)	13 (0.22)	10 (0.18)	11 (0.19)	6 (0.11)	19 (0.35)	<.0001
Diabetes without chronic complication	Men	27 (0.96)	35 (1.27)	31 (1.12)	30 (1.08)	27 (1.02)	31 (1.14)	32 (1.14)	38 (1.45)	33 (1.21)	33 (1.21)	38 (1.44)	45 (1.62)	39 (1.42)	35 (1.35)	0.02
	Women	40 (0.58)	35 (0.52)	41 (0.61)	51 (0.79)	60 (0.96)	53 (0.85)	73 (1.19)	57 (0.95)	58 (0.98)	42 (0.71)	67 (1.20)	50 (0.88)	53 (0.99)	59 (1.16)	<.0001
Diabetes with chronic complication	Men	67 (2.38)	49 (1.78)	53 (1.91)	64 (2.31)	57 (2.14)	57 (2.09)	69 (2.47)	56 (2.14)	57 (2.09)	69 (2.53)	48 (1.82)	72 (2.59)	63 (2.29)	63 (2.44)	0.2
	Women	115 (1.67)	124 (1.86)	143 (2.14)	134 (2.07)	106 (1.70)	128 (2.05)	121 (1.97)	112 (1.87)	127 (2.16)	128 (2.18)	129 (2.32)	116 (2.03)	112 (2.10)	134 (2.64)	0.001
Hemiplegia or paraplegia	Men	8 (0.28)	7 (0.25)	13 (0.47)	9 (0.33)	4 (0.15)	14 (0.51)	10 (0.36)	10 (0.38)	10 (0.37)	17 (0.62)	16 (0.61)	8 (0.29)	13 (0.47)	8 (0.31)	0.16
	Women	13 (0.19)	14 (0.21)	14 (0.21)	9 (0.14)	9 (0.14)	10 (0.16)	18 (0.29)	24 (0.40)	11 (0.19)	13 (0.22)	8 (0.14)	9 (0.16)	9 (0.15)	10 (0.20)	0.89
Renal disease	Men	10 (0.35)	15 (0.54)	21 (0.76)	24 (0.87)	43 (1.62)	40 (1.47)	26 (0.93)	36 (1.37)	31 (1.14)	36 (1.32)	43 (1.63)	39 (1.40)	49 (1.78)	51 (1.97)	<.0001
	Women	22 (0.32)	21 (0.31)	21 (0.31)	30 (0.46)	21 (0.34)	39 (0.62)	38 (0.62)	43 (0.72)	34 (0.58)	27 (0.46)	35 (0.63)	48 (0.84)	53 (0.99)	54 (1.06)	<.0001
Any malignancy	Men	80 (2.84)	73 (2.65)	64 (2.30)	72 (2.60)	65 (2.44)	64 (2.35)	73 (2.61)	78 (2.97)	76 (2.79)	67 (2.45)	67 (2.53)	56 (2.01)	67 (2.43)	82 (2.78)	0.6
	Women	180 (2.62)	164 (2.46)	174 (2.60)	163 (2.51)	192 (3.08)	173 (2.77)	166 (2.70)	182 (3.05)	175 (2.97)	173 (2.94)	169 (3.04)	158 (2.77)	140 (2.63)	154 (3.03)	0.04
Metastatic solid tumor	Men	20 (0.71)	20 (0.73)	24 (0.86)	23 (0.83)	17 (0.64)	15 (0.55)	20 (0.72)	28 (1.07)	19 (0.70)	20 (0.73)	29 (1.10)	24 (0.86)	29 (1.05)	32 (1.24)	0.01
	Women	29 (0.42)	27 (0.40)	39 (0.58)	42 (0.65)	29 (0.46)	26 (0.42)	33 (0.54)	39 (0.65)	34 (0.58)	45 (0.77)	44 (0.79)	33 (0.58)	38 (0.71)	43 (0.85)	<.0001
AIDS/HIV	Men	0 (0.00)	0 (0.00)	2 (0.07)	0 (0.00)	0 (0.00)	1 (0.04)	0 (0.00)	0 (0.00)	1 (0.04)	0 (0.00)	1 (0.04)	1 (0.04)	2 (0.07)	0 (0.00)	0.46
	Women	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (0.02)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1 (0.00)	1 (0.02)	0 (0.00)	2 (0.04)	0.03

Total number of cases together with percentage of population affected by the different co-morbidities are shown under each year.