

Parathyroid disease

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	0	0.0	0	0.0	1	0.5	0	0.0	2	0.2
	Female	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	1	0.1
	Total	1	0.3	1	0.2	0	0.0	1	0.3	0	0.0	3	0.2
None	Male	166	99.4	213	100.0	227	100.0	198	99.5	34	100.0	838	99.8
	Female	193	100.0	187	99.5	196	100.0	200	100.0	24	100.0	800	99.9
	Total	359	99.7	400	99.8	423	100.0	398	99.7	58	100.0	1638	99.8

Cancer

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	0	0.0	0	0.0	1	0.5	0	0.0	2	0.2
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	1	0.3	0	0.0	0	0.0	2	0.5	0	0.0	3	0.2
None	Male	165	98.8	210	98.6	217	95.6	185	93.0	33	97.1	810	96.4
	Female	190	98.4	183	97.3	185	94.4	186	93.0	22	91.7	766	95.6
	Total	355	98.6	393	98.0	402	95.0	371	93.0	55	94.8	1576	96.0
On medication	Male	1	0.6	0	0.0	2	0.9	1	0.5	1	2.9	5	0.6
	Female	1	0.5	2	1.1	5	2.6	2	1.0	0	0.0	10	1.2
	Total	2	0.6	2	0.5	7	1.7	3	0.8	1	1.7	15	0.9
Previously medicated	Male	0	0.0	3	1.4	8	3.5	12	6.0	0	0.0	23	2.7
	Female	2	1.0	3	1.6	6	3.1	10	5.0	2	8.3	23	2.9
	Total	2	0.6	6	1.5	14	3.3	22	5.5	2	3.4	46	2.8
Not treated	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	1	0.1

Fracture

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	0	0.0	0	0.0	1	0.5	0	0.0	2	0.2
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	1	0.3	0	0.0	0	0.0	2	0.5	0	0.0	3	0.2
None	Male	123	73.7	154	72.3	162	71.4	141	70.9	21	61.8	601	71.5
	Female	168	87.0	158	84.0	153	78.1	135	67.5	19	79.2	633	79.0
	Total	291	80.8	312	77.8	315	74.5	276	69.2	40	69.0	1234	75.2
On medication	Male	1	0.6	0	0.0	0	0.0	2	1.0	1	2.9	4	0.5
	Female	0	0.0	0	0.0	1	0.5	3	1.5	0	0.0	4	0.5
	Total	1	0.3	0	0.0	1	0.2	5	1.3	1	1.7	8	0.5
Previously medicated	Male	42	25.1	57	26.8	65	28.6	55	27.6	12	35.3	231	27.5
	Female	25	13.0	30	16.0	42	21.4	61	30.5	5	20.8	163	20.3
	Total	67	18.6	87	21.7	107	25.3	116	29.1	17	29.3	394	24.0
Not treated	Male	0	0.0	2	0.9	0	0.0	0	0.0	0	0.0	2	0.2
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	2	0.5	0	0.0	0	0.0	0	0.0	2	0.1

Benign prostate hyperplasia

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	2	1.2	0	0.0	0	0.0	1	0.5	0	0.0	3	0.4
	Female	2	1.0	4	2.1	3	1.5	0	0.0	0	0.0	9	1.1
	Total	4	1.1	4	1.0	3	0.7	1	0.3	0	0.0	12	0.7
None	Male	163	97.6	208	97.7	207	91.2	163	81.9	24	70.6	765	91.1
	Female	190	98.4	184	97.9	193	98.5	200	100.0	24	100.0	791	98.8
	Total	353	98.1	392	97.8	400	94.6	363	91.0	48	82.8	1556	94.8
On medication	Male	0	0.0	1	0.5	5	2.2	14	7.0	3	8.8	23	2.7
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	1	0.2	5	1.2	14	3.5	3	5.2	23	1.4
Previously medicated	Male	2	1.2	2	0.9	12	5.3	18	9.0	6	17.6	40	4.8
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	2	0.6	2	0.5	12	2.8	18	4.5	6	10.3	40	2.4
Not treated	Male	0	0.0	2	0.9	3	1.3	3	1.5	1	2.9	9	1.1
	Female	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
	Total	1	0.3	2	0.5	3	0.7	3	0.8	1	1.7	10	0.6

Dementia

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	0	0.0	0	0.0	1	0.5	0	0.0	2	0.2
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	1	0.3	0	0.0	0	0.0	1	0.3	0	0.0	2	0.1
None	Male	166	99.4	213	100.0	227	100.0	197	99.0	33	97.1	836	99.5
	Female	193	100.0	188	100.0	196	100.0	197	98.5	24	100.0	798	99.6
	Total	359	99.7	401	100.0	423	100.0	394	98.7	57	98.3	1634	99.6
On medication	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	1	0.1
Previously medicated	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	1	0.1
Not treated	Male	0	0.0	0	0.0	0	0.0	1	0.5	1	2.9	2	0.2
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	0	0.0	0	0.0	2	0.5	1	1.7	3	0.2

Parkinson disease

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	0	0.0	0	0.0	1	0.5	0	0.0	2	0.2
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	1	0.3	0	0.0	0	0.0	1	0.3	0	0.0	2	0.1
None	Male	166	99.4	212	99.5	226	99.6	197	99.0	34	100.0	835	99.4
	Female	193	100.0	188	100.0	196	100.0	200	100.0	24	100.0	801	100.0
	Total	359	99.7	400	99.8	422	99.8	397	99.5	58	100.0	1636	99.7
On medication	Male	0	0.0	1	0.5	1	0.4	1	0.5	0	0.0	3	0.4
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	1	0.2	1	0.2	1	0.3	0	0.0	3	0.2

Others

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	3	1.4	1	0.4	0	0.0	1	2.9	6	0.7
	Female	3	1.6	2	1.1	1	0.5	5	2.5	1	4.2	12	1.5
	Total	4	1.1	5	1.2	2	0.5	5	1.3	2	3.4	18	1.1
None	Male	121	72.5	140	65.7	145	63.9	118	59.3	22	64.7	546	65.0
	Female	137	71.0	132	70.2	131	66.8	139	69.5	15	62.5	554	69.2
	Total	258	71.7	272	67.8	276	65.2	257	64.4	37	63.8	1100	67.0
On medication	Male	6	3.6	11	5.2	23	10.1	24	12.1	4	11.8	68	8.1
	Female	13	6.7	12	6.4	20	10.2	20	10.0	2	8.3	67	8.4
	Total	19	5.3	23	5.7	43	10.2	44	11.0	6	10.3	135	8.2
Previously medicated	Male	37	22.2	56	26.3	57	25.1	55	27.6	7	20.6	212	25.2
	Female	33	17.1	41	21.8	42	21.4	35	17.5	6	25.0	157	19.6
	Total	70	19.4	97	24.2	99	23.4	90	22.6	13	22.4	369	22.5
Not treated	Male	2	1.2	3	1.4	1	0.4	2	1.0	0	0.0	8	1.0
	Female	7	3.6	1	0.5	2	1.0	1	0.5	0	0.0	11	1.4
	Total	9	2.5	4	1.0	3	0.7	3	0.8	0	0.0	19	1.2

History of gastrectomy

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	1	0.5	0	0.0	1	0.5	0	0.0	2	0.2
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	1	0.2	0	0.0	2	0.5	0	0.0	3	0.2
Exist	Male	0	0.0	8	3.8	8	3.5	23	11.6	5	14.7	44	5.2
	Female	1	0.5	1	0.5	2	1.0	4	2.0	2	8.3	10	1.2
	Total	1	0.3	9	2.2	10	2.4	27	6.8	7	12.1	54	3.3
None	Male	167	100.0	204	95.8	219	96.5	175	87.9	29	85.3	794	94.5
	Female	192	99.5	187	99.5	194	99.0	195	97.5	22	91.7	790	98.6
	Total	359	99.7	391	97.5	413	97.6	370	92.7	51	87.9	1584	96.5

Age of gastrectomy (years old)

		40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
		Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male		.	.	0	37.1	12.7	8	47.0	14.0	8	55.0	13.4	23	53.8	23.1	5	50.1	15.7	44
Female		.	.	0	53.0	.	1	37.0	11.3	2	48.7	5.5	3	65.5	3.5	2	50.5	12.1	8
Total		.	.	0	38.9	13.0	9	45.0	13.6	10	54.2	12.8	26	57.1	19.7	7	50.2	15.1	52

History of gall bladder surgery

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	1	0.5	1	0.4	1	0.5	0	0.0	3	0.4
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	1	0.2	1	0.2	2	0.5	0	0.0	4	0.2
Exist	Male	2	1.2	7	3.3	5	2.2	15	7.5	2	5.9	31	3.7
	Female	5	2.6	9	4.8	9	4.6	10	5.0	2	8.3	35	4.4
	Total	7	1.9	16	4.0	14	3.3	25	6.3	4	6.9	66	4.0
None	Male	165	98.8	205	96.2	221	97.4	183	92.0	32	94.1	806	96.0
	Female	188	97.4	179	95.2	187	95.4	189	94.5	22	91.7	765	95.5
	Total	353	98.1	384	95.8	408	96.5	372	93.2	54	93.1	1571	95.7

Age of gall bladder surgery (years old)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	35.0	7.1	2	41.9	9.0	7	57.6	3.6	5	59.4	11.7	15	77.0	2.8	2	54.7	13.9	31
Female	39.8	6.4	4	44.8	7.5	9	53.7	8.7	9	62.7	11.4	10	63.5	0.7	2	52.9	12.1	34
Total	38.2	6.4	6	43.5	8.1	16	55.1	7.4	14	60.7	11.5	25	70.3	8.0	4	53.8	12.9	65

History of head surgery

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	1	0.5	1	0.4	0	0.0	0	0.0	2	0.2
	Female	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0	1	0.1
	Total	0	0.0	1	0.2	2	0.5	0	0.0	0	0.0	3	0.2
Exist	Male	3	1.8	3	1.4	7	3.1	8	4.0	0	0.0	21	2.5
	Female	1	0.5	1	0.5	0	0.0	2	1.0	0	0.0	4	0.5
	Total	4	1.1	4	1.0	7	1.7	10	2.5	0	0.0	25	1.5
None	Male	164	98.2	209	98.1	219	96.5	191	96.0	34	100.0	817	97.3
	Female	192	99.5	187	99.5	195	99.5	198	99.0	24	100.0	796	99.4
	Total	356	98.9	396	98.8	414	97.9	389	97.5	58	100.0	1613	98.3

Age of head surgery (years old)

	40-49yr			50-59yr			60-69yr			70-79yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	15.0	14.2	3	48.7	4.9	3	41.3	21.2	7	51.5	19.1	8	42.5	20.9	21
Female	.	.	0	13.0	.	1	.	.	0	58.0	8.5	2	43.0	26.7	3
Total	15.0	14.2	3	39.8	18.3	4	41.3	21.2	7	52.8	17.3	10	42.5	21.0	24

History of cardiac surgery

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	1	0.5	2	0.9	1	0.5	0	0.0	4	0.5
	Female	0	0.0	0	0.0	0	0.0	2	1.0	0	0.0	2	0.2
	Total	0	0.0	1	0.2	2	0.5	3	0.8	0	0.0	6	0.4
Exist	Male	2	1.2	1	0.5	3	1.3	3	1.5	1	2.9	10	1.2
	Female	2	1.0	0	0.0	0	0.0	3	1.5	0	0.0	5	0.6
	Total	4	1.1	1	0.2	3	0.7	6	1.5	1	1.7	15	0.9
None	Male	165	98.8	211	99.1	222	97.8	195	98.0	33	97.1	826	98.3
	Female	191	99.0	188	100.0	196	100.0	195	97.5	24	100.0	794	99.1
	Total	356	98.9	399	99.5	418	98.8	390	97.7	57	98.3	1620	98.7

Age of cardiac surgery (years old)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	15.0	1.4	2	45.0	.	1	63.3	5.0	3	69.7	3.5	3	83.0	.	1	55.7	23.6	10
Female	9.0	.	1	.	.	0	.	.	0	65.5	2.1	2	.	.	0	46.7	32.7	3
Total	13.0	3.6	3	45.0	.	1	63.3	5.0	3	68.0	3.5	5	83.0	.	1	53.6	24.7	13

History of lung surgery

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	1	0.5	1	0.4	2	1.0	0	0.0	4	0.5
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	1	0.2	1	0.2	2	0.5	0	0.0	4	0.2
Exist	Male	0	0.0	1	0.5	1	0.4	4	2.0	0	0.0	6	0.7
	Female	1	0.5	0	0.0	1	0.5	1	0.5	0	0.0	3	0.4
	Total	1	0.3	1	0.2	2	0.5	5	1.3	0	0.0	9	0.5
None	Male	167	100.0	211	99.1	225	99.1	193	97.0	34	100.0	830	98.8
	Female	192	99.5	188	100.0	195	99.5	199	99.5	24	100.0	798	99.6
	Total	359	99.7	399	99.5	420	99.3	392	98.2	58	100.0	1628	99.2

Age of lung surgery (years old)

		40-49yr			50-59yr			60-69yr			70-79yr			Total		
		Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male		.	.	0	43.0	.	1	.	.	0	49.0	25.9	4	47.8	22.6	5
Female		.	.	0	.	.	0	64.0	.	1	23.0	.	1	43.5	29.0	2
Total		.	.	0	43.0	.	1	64.0	.	1	43.8	25.3	5	46.6	22.0	7

History of thyroid surgery

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	3	1.4	2	0.9	3	1.5	0	0.0	8	1.0
	Female	0	0.0	1	0.5	1	0.5	1	0.5	0	0.0	3	0.4
	Total	0	0.0	4	1.0	3	0.7	4	1.0	0	0.0	11	0.7
Exist	Male	0	0.0	0	0.0	1	0.4	2	1.0	0	0.0	3	0.4
	Female	2	1.0	3	1.6	2	1.0	2	1.0	0	0.0	9	1.1
	Total	2	0.6	3	0.7	3	0.7	4	1.0	0	0.0	12	0.7
None	Male	167	100.0	210	98.6	224	98.7	194	97.5	34	100.0	829	98.7
	Female	191	99.0	184	97.9	193	98.5	197	98.5	24	100.0	789	98.5
	Total	358	99.4	394	98.3	417	98.6	391	98.0	58	100.0	1618	98.6

Age of thyroid surgery (years old)

	40-49yr			50-59yr			60-69yr			70-79yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	.	.	0	.	.	0	40.0	.	1	58.0	2.8	2	52.0	10.6	3
Female	48.0	.	1	47.7	2.5	3	44.5	13.4	2	49.0	26.9	2	47.3	11.6	8
Total	48.0	.	1	47.7	2.5	3	43.0	9.8	3	53.5	16.4	4	48.5	11.0	11

History of blood transfusion

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	2	0.9	1	0.5	0	0.0	3	0.4
	Female	0	0.0	1	0.5	1	0.5	0	0.0	0	0.0	2	0.2
	Total	0	0.0	1	0.2	3	0.7	1	0.3	0	0.0	5	0.3
Exist	Male	7	4.2	6	2.8	20	8.8	30	15.1	8	23.5	71	8.5
	Female	9	4.7	17	9.0	24	12.2	28	14.0	0	0.0	78	9.7
	Total	16	4.4	23	5.7	44	10.4	58	14.5	8	13.8	149	9.1
None	Male	154	92.2	198	93.0	203	89.4	159	79.9	21	61.8	735	87.5
	Female	175	90.7	166	88.3	167	85.2	166	83.0	21	87.5	695	86.8
	Total	329	91.4	364	90.8	370	87.5	325	81.5	42	72.4	1430	87.1
not determined	Male	6	3.6	9	4.2	2	0.9	9	4.5	5	14.7	31	3.7
	Female	9	4.7	4	2.1	4	2.0	6	3.0	3	12.5	26	3.2
	Total	15	4.2	13	3.2	6	1.4	15	3.8	8	13.8	57	3.5

History of hospital admission in last 2 years

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	0	0.0	0	0.0	2	0.5	0	0.0	2	0.1
Exist	Male	8	4.8	22	10.3	38	16.7	52	26.1	11	32.4	131	15.6
	Female	12	6.2	18	9.6	15	7.7	36	18.0	5	20.8	86	10.7
	Total	20	5.6	40	10.0	53	12.5	88	22.1	16	27.6	217	13.2
None	Male	158	94.6	190	89.2	189	83.3	146	73.4	23	67.6	706	84.0
	Female	181	93.8	169	89.9	181	92.3	163	81.5	19	79.2	713	89.0
	Total	339	94.2	359	89.5	370	87.5	309	77.4	42	72.4	1419	86.5
not determined	Male	1	0.6	1	0.5	0	0.0	0	0.0	0	0.0	2	0.2
	Female	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	1	0.1
	Total	1	0.3	2	0.5	0	0.0	0	0.0	0	0.0	3	0.2

4) Family history

Family history of hypertension

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	2	0.9	0	0.0	0	0.0	0	0.0	2	0.2
	Female	0	0.0	2	1.1	0	0.0	0	0.0	0	0.0	2	0.2
	Total	0	0.0	4	1.0	0	0.0	0	0.0	0	0.0	4	0.2
Exist	Male	66	39.5	86	40.4	92	40.5	68	34.2	10	29.4	322	38.3
	Female	102	52.8	94	50.0	88	44.9	82	41.0	10	41.7	376	46.9
	Total	168	46.7	180	44.9	180	42.6	150	37.6	20	34.5	698	42.5
None	Male	101	60.5	125	58.7	135	59.5	131	65.8	24	70.6	516	61.4
	Female	91	47.2	92	48.9	108	55.1	118	59.0	14	58.3	423	52.8
	Total	192	53.3	217	54.1	243	57.4	249	62.4	38	65.5	939	57.2

Family history of diabetes mellitus

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	2	0.9	0	0.0	0	0.0	0	0.0	2	0.2
	Female	0	0.0	2	1.1	0	0.0	0	0.0	0	0.0	2	0.2
	Total	0	0.0	4	1.0	0	0.0	0	0.0	0	0.0	4	0.2
Exist	Male	47	28.1	44	20.7	49	21.6	23	11.6	2	5.9	165	19.6
	Female	58	30.1	57	30.3	41	20.9	35	17.5	4	16.7	195	24.3
	Total	105	29.2	101	25.2	90	21.3	58	14.5	6	10.3	360	21.9
None	Male	120	71.9	167	78.4	178	78.4	176	88.4	32	94.1	673	80.1
	Female	135	69.9	129	68.6	155	79.1	165	82.5	20	83.3	604	75.4
	Total	255	70.8	296	73.8	333	78.7	341	85.5	52	89.7	1277	77.8

Family history of hyperlipidemia

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	3	1.4	0	0.0	0	0.0	0	0.0	3	0.4
	Female	0	0.0	2	1.1	0	0.0	2	1.0	0	0.0	4	0.5
	Total	0	0.0	5	1.2	0	0.0	2	0.5	0	0.0	7	0.4
Exist	Male	9	5.4	15	7.0	18	7.9	11	5.5	1	2.9	54	6.4
	Female	27	14.0	29	15.4	17	8.7	18	9.0	2	8.3	93	11.6
	Total	36	10.0	44	11.0	35	8.3	29	7.3	3	5.2	147	9.0
None	Male	158	94.6	195	91.5	209	92.1	188	94.5	33	97.1	783	93.2
	Female	166	86.0	157	83.5	179	91.3	180	90.0	22	91.7	704	87.9
	Total	324	90.0	352	87.8	388	91.7	368	92.2	55	94.8	1487	90.6

Family history of angina pectoris or myocardial infarction

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	2	0.9	0	0.0	2	1.0	0	0.0	4	0.5
	Female	0	0.0	2	1.1	0	0.0	1	0.5	0	0.0	3	0.4
	Total	0	0.0	4	1.0	0	0.0	3	0.8	0	0.0	7	0.4
Exist	Male	18	10.8	34	16.0	45	19.8	24	12.1	5	14.7	126	15.0
	Female	41	21.2	43	22.9	43	21.9	40	20.0	6	25.0	173	21.6
	Total	59	16.4	77	19.2	88	20.8	64	16.0	11	19.0	299	18.2
None	Male	149	89.2	177	83.1	182	80.2	173	86.9	29	85.3	710	84.5
	Female	152	78.8	143	76.1	153	78.1	159	79.5	18	75.0	625	78.0
	Total	301	83.6	320	79.8	335	79.2	332	83.2	47	81.0	1335	81.4

Family history of stroke

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	2	0.9	0	0.0	0	0.0	0	0.0	2	0.2
	Female	0	0.0	2	1.1	0	0.0	1	0.5	0	0.0	3	0.4
	Total	0	0.0	4	1.0	0	0.0	1	0.3	0	0.0	5	0.3
Exist	Male	48	28.7	69	32.4	71	31.3	57	28.6	6	17.6	251	29.9
	Female	78	40.4	73	38.8	70	35.7	59	29.5	10	41.7	290	36.2
	Total	126	35.0	142	35.4	141	33.3	116	29.1	16	27.6	541	33.0
None	Male	119	71.3	142	66.7	156	68.7	142	71.4	28	82.4	587	69.9
	Female	115	59.6	113	60.1	126	64.3	140	70.0	14	58.3	508	63.4
	Total	234	65.0	255	63.6	282	66.7	282	70.7	42	72.4	1095	66.7

Family history of dementia

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	1	0.1
	Female	0	0.0	2	1.1	0	0.0	0	0.0	0	0.0	2	0.2
	Total	0	0.0	3	0.7	0	0.0	0	0.0	0	0.0	3	0.2
Exist	Male	13	7.8	29	13.6	27	11.9	20	10.1	1	2.9	90	10.7
	Female	34	17.6	32	17.0	26	13.3	15	7.5	2	8.3	109	13.6
	Total	47	13.1	61	15.2	53	12.5	35	8.8	3	5.2	199	12.1
None	Male	154	92.2	183	85.9	200	88.1	179	89.9	33	97.1	749	89.2
	Female	159	82.4	154	81.9	170	86.7	185	92.5	22	91.7	690	86.1
	Total	313	86.9	337	84.0	370	87.5	364	91.2	55	94.8	1439	87.7

Family history of benign prostate hyperplasia

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	3	1.4	1	0.4	1	0.5	0	0.0	5	0.6
	Female	0	0.0	2	1.1	1	0.5	1	0.5	0	0.0	4	0.5
	Total	0	0.0	5	1.2	2	0.5	2	0.5	0	0.0	9	0.5
Exist	Male	11	6.6	15	7.0	7	3.1	14	7.0	4	11.8	51	6.1
	Female	19	9.8	11	5.9	16	8.2	10	5.0	1	4.2	57	7.1
	Total	30	8.3	26	6.5	23	5.4	24	6.0	5	8.6	108	6.6
None	Male	156	93.4	195	91.5	219	96.5	184	92.5	30	88.2	784	93.3
	Female	174	90.2	175	93.1	179	91.3	189	94.5	23	95.8	740	92.4
	Total	330	91.7	370	92.3	398	94.1	373	93.5	53	91.4	1524	92.9

Family history of Parkinsonism

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	2	0.9	0	0.0	1	0.5	0	0.0	3	0.4
	Female	0	0.0	2	1.1	1	0.5	1	0.5	0	0.0	4	0.5
	Total	0	0.0	4	1.0	1	0.2	2	0.5	0	0.0	7	0.4
Exist	Male	2	1.2	1	0.5	3	1.3	3	1.5	2	5.9	11	1.3
	Female	7	3.6	5	2.7	5	2.6	8	4.0	1	4.2	26	3.2
	Total	9	2.5	6	1.5	8	1.9	11	2.8	3	5.2	37	2.3
None	Male	165	98.8	210	98.6	224	98.7	195	98.0	32	94.1	826	98.3
	Female	186	96.4	181	96.3	190	96.9	191	95.5	23	95.8	771	96.3
	Total	351	97.5	391	97.5	414	97.9	386	96.7	55	94.8	1597	97.3

5) Motor function

Difficult activities in daily living

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Washing face	Male	0	0.0	2	0.9	1	0.4	3	1.5	1	2.9	7	0.8
	Female	1	0.5	0	0.0	0	0.0	1	0.5	1	4.2	3	0.4
	Total	1	0.3	2	0.5	1	0.2	4	1.0	2	3.4	10	0.6
Brushing hair	Male	0	0.0	1	0.5	1	0.4	0	0.0	0	0.0	2	0.2
	Female	1	0.5	2	1.1	0	0.0	0	0.0	0	0.0	3	0.4
	Total	1	0.3	3	0.7	1	0.2	0	0.0	0	0.0	5	0.3
Using chopsticks	Male	0	0.0	1	0.5	1	0.4	1	0.5	1	2.9	4	0.5
	Female	1	0.5	1	0.5	0	0.0	0	0.0	1	4.2	3	0.4
	Total	1	0.3	2	0.5	1	0.2	1	0.3	2	3.4	7	0.4
Squeezing a towel	Male	1	0.6	3	1.4	2	0.9	3	1.5	1	2.9	10	1.2
	Female	1	0.5	5	2.7	2	1.0	4	2.0	1	4.2	13	1.6
	Total	2	0.6	8	2.0	4	0.9	7	1.8	2	3.4	23	1.4
Washing back	Male	4	2.4	6	2.8	2	0.9	6	3.0	1	2.9	19	2.3
	Female	3	1.6	4	2.1	0	0.0	2	1.0	0	0.0	9	1.1
	Total	7	1.9	10	2.5	2	0.5	8	2.0	1	1.7	28	1.7
Taking bath	Male	0	0.0	2	0.9	0	0.0	6	3.0	2	5.9	10	1.2
	Female	0	0.0	2	1.1	1	0.5	3	1.5	1	4.2	7	0.9
	Total	0	0.0	4	1.0	1	0.2	9	2.3	3	5.2	17	1.0
Taking things on the shelf	Male	2	1.2	4	1.9	1	0.4	7	3.5	1	2.9	15	1.8
	Female	3	1.6	7	3.7	2	1.0	19	9.5	3	12.5	34	4.2
	Total	5	1.4	11	2.7	3	0.7	26	6.5	4	6.9	49	3.0
Making bed	Male	1	0.6	2	0.9	3	1.3	7	3.5	3	8.8	16	1.9
	Female	3	1.6	5	2.7	7	3.6	10	5.0	3	12.5	28	3.5
	Total	4	1.1	7	1.7	10	2.4	17	4.3	6	10.3	44	2.7
Taking things behind	Male	2	1.2	8	3.8	7	3.1	10	5.0	1	2.9	28	3.3
	Female	4	2.1	7	3.7	3	1.5	15	7.5	1	4.2	30	3.7
	Total	6	1.7	15	3.7	10	2.4	25	6.3	2	3.4	58	3.5
Gait	Male	0	0.0	6	2.8	7	3.1	19	9.5	4	11.8	36	4.3
	Female	3	1.6	5	2.7	6	3.1	18	9.0	3	12.5	35	4.4
	Total	3	0.8	11	2.7	13	3.1	37	9.3	7	12.1	71	4.3
Squatting	Male	3	1.8	9	4.2	13	5.7	12	6.0	6	17.6	43	5.1
	Female	5	2.6	7	3.7	10	5.1	33	16.5	4	16.7	59	7.4
	Total	8	2.2	16	4.0	23	5.4	45	11.3	10	17.2	102	6.2
Single leg standing	Male	2	1.2	8	3.8	18	7.9	37	18.6	12	35.3	77	9.2

(Continued)

Difficult activities in daily living

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Single leg standing	Female	2	1.0	5	2.7	15	7.7	43	21.5	8	33.3	73	9.1
	Total	4	1.1	13	3.2	33	7.8	80	20.1	20	34.5	150	9.1
Japanese sitting	Male	12	7.2	21	9.9	32	14.1	43	21.6	13	38.2	121	14.4
	Female	11	5.7	24	12.8	31	15.8	63	31.5	8	33.3	137	17.1
	Total	23	6.4	45	11.2	63	14.9	106	26.6	21	36.2	258	15.7
Sitting on tatami and bowing	Male	0	0.0	2	0.9	5	2.2	11	5.5	5	14.7	23	2.7
	Female	1	0.5	3	1.6	8	4.1	19	9.5	2	8.3	33	4.1
	Total	1	0.3	5	1.2	13	3.1	30	7.5	7	12.1	56	3.4
Sitting down	Male	0	0.0	1	0.5	1	0.4	2	1.0	0	0.0	4	0.5
	Female	1	0.5	1	0.5	0	0.0	2	1.0	0	0.0	4	0.5
	Total	1	0.3	2	0.5	1	0.2	4	1.0	0	0.0	8	0.5
Getting up from chair	Male	0	0.0	3	1.4	2	0.9	6	3.0	0	0.0	11	1.3
	Female	2	1.0	3	1.6	2	1.0	14	7.0	3	12.5	24	3.0
	Total	2	0.6	6	1.5	4	0.9	20	5.0	3	5.2	35	2.1
Getting up from floor	Male	0	0.0	7	3.3	12	5.3	26	13.1	9	26.5	54	6.4
	Female	6	3.1	15	8.0	10	5.1	35	17.5	7	29.2	73	9.1
	Total	6	1.7	22	5.5	22	5.2	61	15.3	16	27.6	127	7.7
Putting on jacket	Male	1	0.6	0	0.0	1	0.4	2	1.0	2	5.9	6	0.7
	Female	1	0.5	1	0.5	0	0.0	1	0.5	0	0.0	3	0.4
	Total	2	0.6	1	0.2	1	0.2	3	0.8	2	3.4	9	0.5
Putting on pants	Male	1	0.6	5	2.3	1	0.4	11	5.5	3	8.8	21	2.5
	Female	1	0.5	3	1.6	4	2.0	7	3.5	1	4.2	16	2.0
	Total	2	0.6	8	2.0	5	1.2	18	4.5	4	6.9	37	2.3
Putting on or taking off socks	Male	1	0.6	8	3.8	6	2.6	7	3.5	3	8.8	25	3.0
	Female	3	1.6	3	1.6	1	0.5	1	0.5	2	8.3	10	1.2
	Total	4	1.1	11	2.7	7	1.7	8	2.0	5	8.6	35	2.1
Paring toenails	Male	4	2.4	7	3.3	14	6.2	20	10.1	8	23.5	53	6.3
	Female	2	1.0	6	3.2	2	1.0	11	5.5	2	8.3	23	2.9
	Total	6	1.7	13	3.2	16	3.8	31	7.8	10	17.2	76	4.6
Ascending stairs	Male	0	0.0	7	3.3	12	5.3	26	13.1	8	23.5	53	6.3
	Female	2	1.0	8	4.3	13	6.6	35	17.5	7	29.2	65	8.1
	Total	2	0.6	15	3.7	25	5.9	61	15.3	15	25.9	118	7.2
Descending stairs	Male	1	0.6	4	1.9	4	1.8	23	11.6	4	11.8	36	4.3
	Female	1	0.5	9	4.8	10	5.1	40	20.0	3	12.5	63	7.9

(Continued)

Difficult activities in daily living

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Descending stairs Total		2	0.6	13	3.2	14	3.3	63	15.8	7	12.1	99	6.0
Using public traffic	Male	0	0.0	2	0.9	3	1.3	8	4.0	0	0.0	13	1.5
	Female	0	0.0	0	0.0	2	1.0	10	5.0	1	4.2	13	1.6
	Total	0	0.0	2	0.5	5	1.2	18	4.5	1	1.7	26	1.6
Running cleaner	Male	0	0.0	1	0.5	0	0.0	4	2.0	0	0.0	5	0.6
	Female	2	1.0	0	0.0	5	2.6	12	6.0	4	16.7	23	2.9
	Total	2	0.6	1	0.2	5	1.2	16	4.0	4	6.9	28	1.7
Wiping hip	Male	0	0.0	2	0.9	4	1.8	5	2.5	2	5.9	13	1.5
	Female	3	1.6	3	1.6	1	0.5	4	2.0	0	0.0	11	1.4
	Total	3	0.8	5	1.2	5	1.2	9	2.3	2	3.4	24	1.5
Meal preparation	Male	0	0.0	1	0.5	2	0.9	4	2.0	1	2.9	8	1.0
	Female	1	0.5	1	0.5	1	0.5	3	1.5	1	4.2	7	0.9
	Total	1	0.3	2	0.5	3	0.7	7	1.8	2	3.4	15	0.9
Sitting for 1 hour	Male	2	1.2	6	2.8	5	2.2	8	4.0	4	11.8	25	3.0
	Female	4	2.1	6	3.2	4	2.0	11	5.5	2	8.3	27	3.4
	Total	6	1.7	12	3.0	9	2.1	19	4.8	6	10.3	52	3.2
Carrying heavy things	Male	6	3.6	22	10.3	35	15.4	48	24.1	14	41.2	125	14.9
	Female	18	9.3	28	14.9	40	20.4	76	38.0	12	50.0	174	21.7
	Total	24	6.7	50	12.5	75	17.7	124	31.1	26	44.8	299	18.2
Nothing	Male	140	83.8	162	76.1	151	66.5	104	52.3	11	32.4	568	67.6
	Female	163	84.5	130	69.1	126	64.3	82	41.0	6	25.0	507	63.3
	Total	303	84.2	292	72.8	277	65.5	186	46.6	17	29.3	1075	65.5
Total	Male	167	100.0	213	100.0	227	100.0	199	100.0	34	100.0	840	100.0
	Female	193	100.0	188	100.0	196	100.0	200	100.0	24	100.0	801	100.0
	Total	360	100.0	401	100.0	423	100.0	399	100.0	58	100.0	1641	100.0

History of severe low back pain

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	1	0.1
Exist	Male	90	53.9	102	47.9	117	51.5	96	48.2	15	44.1	420	50.0
	Female	74	38.3	83	44.1	74	37.8	96	48.0	13	54.2	340	42.4
	Total	164	45.6	185	46.1	191	45.2	192	48.1	28	48.3	760	46.3
None	Male	77	46.1	111	52.1	109	48.0	103	51.8	19	55.9	419	49.9
	Female	119	61.7	105	55.9	122	62.2	104	52.0	11	45.8	461	57.6
	Total	196	54.4	216	53.9	231	54.6	207	51.9	30	51.7	880	53.6

Cause of severe low back pain

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	77	46.1	112	52.6	110	48.5	103	51.8	19	55.9	421	50.1
	Female	119	61.7	105	55.9	122	62.2	104	52.0	11	45.8	461	57.6
	Total	196	54.4	217	54.1	232	54.8	207	51.9	30	51.7	882	53.7
none	Male	22	13.2	23	10.8	27	11.9	29	14.6	5	14.7	106	12.6
	Female	15	7.8	23	12.2	28	14.3	34	17.0	9	37.5	109	13.6
	Total	37	10.3	46	11.5	55	13.0	63	15.8	14	24.1	215	13.1
fall	Male	1	0.6	2	0.9	2	0.9	3	1.5	1	2.9	9	1.1
	Female	1	0.5	4	2.1	4	2.0	18	9.0	0	0.0	27	3.4
	Total	2	0.6	6	1.5	6	1.4	21	5.3	1	1.7	36	2.2
carry heavy things	Male	38	22.8	43	20.2	65	28.6	37	18.6	6	17.6	189	22.5
	Female	23	11.9	33	17.6	29	14.8	25	12.5	2	8.3	112	14.0
	Total	61	16.9	76	19.0	94	22.2	62	15.5	8	13.8	301	18.3
sports	Male	18	10.8	17	8.0	12	5.3	9	4.5	2	5.9	58	6.9
	Female	5	2.6	5	2.7	0	0.0	0	0.0	1	4.2	11	1.4
	Total	23	6.4	22	5.5	12	2.8	9	2.3	3	5.2	69	4.2
others	Male	11	6.6	16	7.5	11	4.8	18	9.0	1	2.9	57	6.8
	Female	30	15.5	18	9.6	13	6.6	19	9.5	1	4.2	81	10.1
	Total	41	11.4	34	8.5	24	5.7	37	9.3	2	3.4	138	8.4

Prognosis of severe low back pain

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	77	46.1	111	52.1	110	48.5	104	52.3	19	55.9	421	50.1
	Female	119	61.7	105	55.9	122	62.2	104	52.0	11	45.8	461	57.6
	Total	196	54.4	216	53.9	232	54.8	208	52.1	30	51.7	882	53.7
less than 1 month	Male	49	29.3	48	22.5	53	23.3	30	15.1	3	8.8	183	21.8
	Female	41	21.2	38	20.2	26	13.3	23	11.5	2	8.3	130	16.2
	Total	90	25.0	86	21.4	79	18.7	53	13.3	5	8.6	313	19.1
almost 1 month	Male	17	10.2	18	8.5	14	6.2	9	4.5	2	5.9	60	7.1
	Female	8	4.1	12	6.4	4	2.0	8	4.0	2	8.3	34	4.2
	Total	25	6.9	30	7.5	18	4.3	17	4.3	4	6.9	94	5.7
more than 1 month	Male	7	4.2	9	4.2	22	9.7	18	9.0	3	8.8	59	7.0
	Female	10	5.2	13	6.9	10	5.1	22	11.0	0	0.0	55	6.9
	Total	17	4.7	22	5.5	32	7.6	40	10.0	3	5.2	114	6.9
still hurts	Male	17	10.2	27	12.7	28	12.3	38	19.1	7	20.6	117	13.9
	Female	15	7.8	20	10.6	34	17.3	43	21.5	9	37.5	121	15.1
	Total	32	8.9	47	11.7	62	14.7	81	20.3	16	27.6	238	14.5

Family history of fractures

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	1	0.4	3	1.5	0	0.0	4	0.5
	Female	0	0.0	3	1.6	0	0.0	0	0.0	0	0.0	3	0.4
	Total	0	0.0	3	0.7	1	0.2	3	0.8	0	0.0	7	0.4
Exist	Male	32	19.2	39	18.3	48	21.1	30	15.1	3	8.8	152	18.1
	Female	33	17.1	42	22.3	50	25.5	35	17.5	3	12.5	163	20.3
	Total	65	18.1	81	20.2	98	23.2	65	16.3	6	10.3	315	19.2
None	Male	135	80.8	174	81.7	178	78.4	166	83.4	31	91.2	684	81.4
	Female	160	82.9	143	76.1	146	74.5	165	82.5	21	87.5	635	79.3
	Total	295	81.9	317	79.1	324	76.6	331	83.0	52	89.7	1319	80.4