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The prevalence of all cause major and minor lower limb amputation in the diabetic and non diabetic population of England 2003-2013

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Table 1a: Percentage of Major Amputees and England population with Diabetes

		Percentage of Population with Diabetes								
		200	03	2013						
Gender	Age	Amputees*	England**	Amputees*	England**					
Men	50-64	47.3	8.1	52.6	12.0					
	65-74	48.8	11.9	52.2	17.3					
	75-84	38.1	10.0	50.4	17.5					
	All	44.7	10.0	51.8	15.6					
Women	50-64	51.8	4.7	45.5	8.9					
	65-74	42.7	8.4	44.7	11.0					
	75-84	29.5	8.9	38.4	12.9					
	All	38.3	7.3	42.0	10.9					

^{*}Amputees: Percentage of major amputees with diabetes based on HES data

^{**}England: Percentage general population with diabetes based on Health and Lifestyle Survey

Table 1b: Number of procedures and denominator populations used for calculations

		2003			2013				
		Major	Minor	Stump†	Population	Major	Minor	Stump	Population
Diabetic									
Men	50-64	421	500	161	351 994	467	804	241	568 140
	65-74	522	493	128	234 644	515	697	156	403 298
	75-84	390	304	57	117 240	446	582	102	230 178
	Total*	1 333	1 280	337	748 980	1 429	2 081	497	1 307 436
Women	50-64	157	298	51	210 193	150	307	64	432 148
	65-74	185	289	42	185 102	166	305	48	276 463
	75-84	204	192	24	151 585	205	285	34	216 243
	Total*	548	729	107	611 667	518	882	142	985 927
Non Diabetic**									
Men	50-64	470	557	179	3 993 606	421	724	217	4 166 360
	65-74	547	517	135	1 737 156	472	638	143	1 927 902
	75-84	633	493	93	1 055 160	438	572	100	1 085 123
	Total*	1 650	1 584	416	6 740 820	1 330	1 936	462	7 073 564
Momon	FO 64	1.47	270	47	4 262 007	170	267	76	
Women	50-64	147	278	47	4 262 007	179	367	76	4 423 452
	65-74	248	387	57	2 018 498	206	378	60	2 236 837
	75-84	489	459	59	1 551 615	328	457	55	1 460 057
	Total*	882	1 174	173	7 767 333	716	1 217	195	8 059 273

^{*}Total: based on percentage of population with/without diabetes not sum of relevant column

^{**} Non diabetic: based on removing diabetic population from whole population

[†] stump procedure: all procedures on major amputation stumps including re-amputation to a higher level

Table 2: Prevalence, per 100 000, and percentage change of major amputation in the diabetic and non diabetic population England 2003-2013

Age group		2003		2013		% Change	
		DM*	Non DM	DM	Non DM	DM	Non DM
Men	50-64	119.7	11.8	82.2	10.1	- 31.3	- 14.1
	65-74	222.3	31.5	127.8	24.5	- 42.5	- 22.3
	75-84	332.4	60.0	193.6	40.4	- 41.8	- 32.7
	Standardised to England 2011	180.5	24.6	111.8	18.7	- 38.0	- 24.0
	Standardised to Europe 2011	179.5	24.4	111.4	18.5	- 38.0	- 24.0
Women							
	50-64	74.9	3.4	34.6	4.1	- 53.8	+ 17.9
	65-74	99.9	12.3	60.1	9.2	- 39.8	- 25.2
	75-84	134.9	31.5	94.6	22.5	- 29.8	- 28.6
	Standardised to England 2011	92.8	11.0	52.7	8.9	- 43.2	- 19.7
	Standardised to Europe 2011	93.5	11.4	53.4	9.1	- 42.9	- 20.1

^{*} DM: Diabetic; Non DM: not diabetic

Table 3: Prevalence, per 100 000, and percentage change of minor amputation in the diabetic and non diabetic population England 2003-2013

Age group		2003		2013		% Change	
		DM*	Non DM	DM	Non DM	DM	Non DM
Men	50-64	142.0	13.9	141.5	17.4	- 0.4	+ 24.6
	65-74	210.1	29.8	172.8	33.1	- 17.7	+ 11.2
	75-84	259.0	46.8	252.7	52.7	- 2.4	+ 12.8
	Standardised to England 2011	178.5	23.3	167.2	27.1	- 6.3	+ 16.3
	Standardised to Europe 2011	177.9	23.2	166.9	27.0	- 6.2	+ 16.4
Women							
	50-64	141.9	6.5	71.0	4.1	- 50.0	- 37.8
	65-74	155.9	19.2	110.4	9.2	- 29.2	- 52.1
	75-84	126.7	29.6	131.8	22.5	+ 4.0	- 24.0
	Standardised to England 2011	142.9	14.2	92.9	14.9	- 35.0	+ 4.8
	Standardised to Europe 2011	142.6	14.5	93.6	15.2	- 34.4	+ 4.7

^{*} DM: Diabetic; Non DM: not diabetic

Proportion of minor amputees with diabetes is based on proportion of major amputees with diabetes

Table 4: Prevalence, per 100 000, and percentage change of procedures on major amputation stumps (including re-amputation to a higher level) in the diabetic and non diabetic population England 2003-2013

Age group		2003		20	013	% Change	
		DM*	Non DM	DM	Non DM	DM	Non DM
Men	50-64	45.7	4.5	42.4	5.2	- 7.2	+16.1
	65-74	54.7	7.8	38.7	7.4	- 29.2	- 4.4
	75-84	48.7	8.8	44.2	9.2	- 9.3	+ 4.9
	Standardised to England 2011	48.6	6.0	41.7	6.4	- 14.2	+ 6.2
	Standardised to Europe 2011	48.5	6.0	41.7	6.4	- 14.0	+ 6.7
Women							
	50-64	24.2	1.1	14.7	1.7	- 39.0	+ 55.6
	65-74	22.8	2.8	17.5	2.7	- 23.5	- 5.0
	75-84	16.2	3.8	15.8	3.8	- 2.2	- 0.4
	Standardised to England 2011	22.3	2.1	15.7	2.4	- 29.8	+14.3
	Standardised to Europe 2011	22.2	2.1	15.7	2.4	- 29.4	+13.8

^{*} DM: Diabetic; Non DM: not diabetic

Proportion of repeat amputees with diabetes is based on proportion of major amputees with diabetes