

TABLE E-1 Demographic Data for Ambulatory Acromioplasty Procedures by Year in New York State

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Acromioplasty (<i>no. of procedures</i>)	5571	7256	8931	10,180	11,187	13,031	13,981	14,291	16,451	17,963	19,743
Age* (<i>yr</i>)	47.5	47.8	48.2	48.6	47.9	48.1	48.2	49.2	49.6	49.6	49.6
Male (%)	63.8	62.3	62.9	61.5	59.4	60.7	59.3	58.9	58.9	58.9	59.7
Facility type (<i>no. of procedures</i>)											
Hospital-based	3252	3977	4398	5409	6621	7405	7988	8153	9886	10,661	11,801
Freestanding ambulatory surgery center	2319	3279	4533	4771	4566	5626	5993	6138	6565	7302	7942
Payer (%)											
Medicare	10.5	10.9	10.6	10.6	10.6	9.6	9.7	11.3	11.3	10.8	10.3
Medicaid	0.7	1.1	1.3	1.2	1.0	1.3	1.2	1.0	1.1	1.0	0.8
Blue Cross	15.8	13.6	13.8	14.7	15.6	15.9	16.5	17.8	18.1	19.2	18.0
Workers' Compensation	23.6	22.1	23.0	20.9	20.6	21.2	21.6	21.2	21.2	20.8	21.6
Commercial	21.5	19.2	17.1	16.5	13.8	13.1	12.5	13.9	14.3	14.3	15.2

*The values are given as the mean.

TABLE E-2 Volume, Rates, and Incidence of Ambulatory Acromioplasty by Year in New York State

Year	All Ambulatory Orthopaedic Surgery Procedures (no.)	Acromioplasty Procedures (no.)	Acromioplasty as Percentage of All Ambulatory Orthopaedic Surgery Procedures (%)	New York State Population	Acromioplasty Procedure Incidence per 100,000 Population
1996	129,973	5571	4.3	18,588,460	30.0
1997	140,930	7256	5.1	18,656,546	38.9
1998	151,123	8931	5.9	18,755,906	47.6
1999	159,782	10,180	6.4	18,882,725	53.9
2000	166,329	11,187	6.7	18,976,816	59.0
2001	176,831	13,031	7.4	19,088,220	68.3
2002	177,358	13,981	7.9	19,161,573	73.0
2003	167,329	14,291	8.5	19,230,877	74.3
2004	202,901	16,451	8.1	19,301,113	85.2
2005	222,760	17,963	8.1	19,336,376	92.9
2006	231,760	19,743	8.5	19,367,028	101.9

TABLE E-3 Primary Diagnoses (ICD-9) for Ambulatory Acromioplasty Procedures by Year in New York State*

Primary Diagnosis	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Impingement syndrome (ICD-9 code = 726.2)	3176	3897	4525	4625	5210	6031	5880	5725	6513	6669	7053	59,304
Sprains and strains of the rotator cuff (ICD-9 code = 840.4)	914	1152	1530	1748	1716	1912	2142	1750	1837	1982	2152	18,835
Bursitis of the shoulder (ICD-9 code = 726.10)	419	607	855	1296	1275	1533	1724	2111	2515	2875	3230	18,440
Complete rupture of rotator cuff (ICD-9 code = 727.61)	128	223	337	449	587	612	821	1071	1296	1309	1344	8177
Superior glenoid labrum lesion (ICD-9 code = 840.7)	0	0	0	0	0	42	496	775	954	1193	1501	4961
All other diagnoses	934	1377	1684	2062	2399	2901	2918	2859	3336	3935	4463	28,868
Total	5571	7256	8931	10,180	11,187	13,031	13,981	14,291	16,451	17,963	19,743	138,585

*The values represent the number of acromioplasty procedures performed for each diagnosis.

TABLE E-4 Volume and Means of Arthroscopic Acromioplasty Procedures by Year Reported by Candidates Taking Part II of the ABOS Certification Examination

Examination Year	No. of Candidates	All Orthopaedic Surgery Procedures (no.)	Arthroscopic Acromioplasty Procedures (no.)	Acromioplasty as a Percent of All Orthopaedic Surgery Procedures (%)	No. of All Orthopaedic Surgery Procedures per Candidate*	No. of Arthroscopic Acromioplasties per Candidate*
All candidates						
1999	648	76,030	1679	2.2	117.3 ± 58.3	2.6 ± 5.1
2000	709	89,009	2343	2.6	125.5 ± 58.7	3.3 ± 6.6
2001	725	91,267	2976	3.3	125.9 ± 59.5	4.1 ± 7.9
2002	706	91,190	3286	3.6	129.2 ± 60.9	4.7 ± 7.6
2003	613	77,444	3495	4.5	126.3 ± 62.5	5.7 ± 9.5
2004	698	91,382	3978	4.4	130.9 ± 62.1	5.7 ± 8.8
2005	687	88,205	3836	4.3	128.4 ± 65.9	5.6 ± 8.7
2006	655	86,854	3656	4.2	132.6 ± 69.5	5.6 ± 10.6
2007	662	87,253	3716	4.3	131.8 ± 69.7	5.6 ± 10.2
2008	664	88,021	4156	4.7	132.6 ± 67.3	6.3 ± 11.2
Candidates performing at least one arthroscopic acromioplasty						
1999	302	36,712	1679	4.6	121.6 ± 54.5	5.6 ± 6.2
2000	372	47,548	2343	4.9	127.8 ± 54.4	6.3 ± 8.0
2001	395	53,125	2976	5.6	134.5 ± 59.2	7.5 ± 9.4
2002	417	55,828	3286	5.9	133.9 ± 56.8	7.9 ± 8.5
2003	358	47,123	3495	7.4	131.6 ± 61.6	9.8 ± 10.7
2004	403	55,266	3978	7.2	137.1 ± 60.1	9.9 ± 9.6
2005	387	51,865	3836	7.4	134.0 ± 63.9	9.9 ± 9.5
2006	343	45,969	3656	8.0	134.0 ± 64.3	10.7 ± 12.7
2007	340	46,120	3716	8.1	135.6 ± 62.0	10.9 ± 11.9
2008	342	46,501	4156	8.9	136.0 ± 61.2	12.2 ± 13.1

*The values are given as the mean and the standard deviation.

TABLE E-5 Primary Diagnoses (ICD-9) for Arthroscopic Acromioplasty Procedures by Year Reported by Candidates Taking Part II of the ABOS Certification Examination

Primary Diagnosis	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
Impingement syndrome (ICD-9 code = 726.2)	627	843	962	1204	1082	1262	1209	1085	1001	1127	10,402
Bursitis of the shoulder (ICD-9 code = 726.10)	422	538	673	685	961	733	758	776	741	720	7007
Complete rupture of rotator cuff (ICD-9 code = 727.61)	158	332	502	473	670	788	795	869	895	1060	6542
Sprains and strains of the rotator cuff (ICD-9 code = 840.4)	193	201	331	364	359	523	394	406	298	451	3520
Other specified disorders of the rotator cuff (ICD-9 code = 726.19)	78	144	110	155	152	160	161	95	175	132	1362
All other	201	285	398	405	271	512	519	425	606	666	4288
Total	1679	2343	2976	3286	3495	3978	3836	3656	3716	4156	33,121