

Fiscal Year 2010 Annual Review of Glaucoma Medications

Oklahoma HealthCare Authority

April 2011

Current Prior Authorization Criteria

1. FDA approved diagnosis.
2. Member must attempt at least one Tier-1 trial of a minimum of 4 weeks duration within the last 90 days. Tier 1 trial may be from any pharmacologic class.
3. Approval may be granted if there is a documented adverse effect, drug interaction, or contraindication to Tier 1 products.
4. Approval may be granted if there is a unique FDA approved indication not covered by Tier 1 products.
5. Member must have had a comprehensive dilated eye exam within the last 365 day period as recommended by the National Institute of Health.
6. Approval duration will be for 1 year.

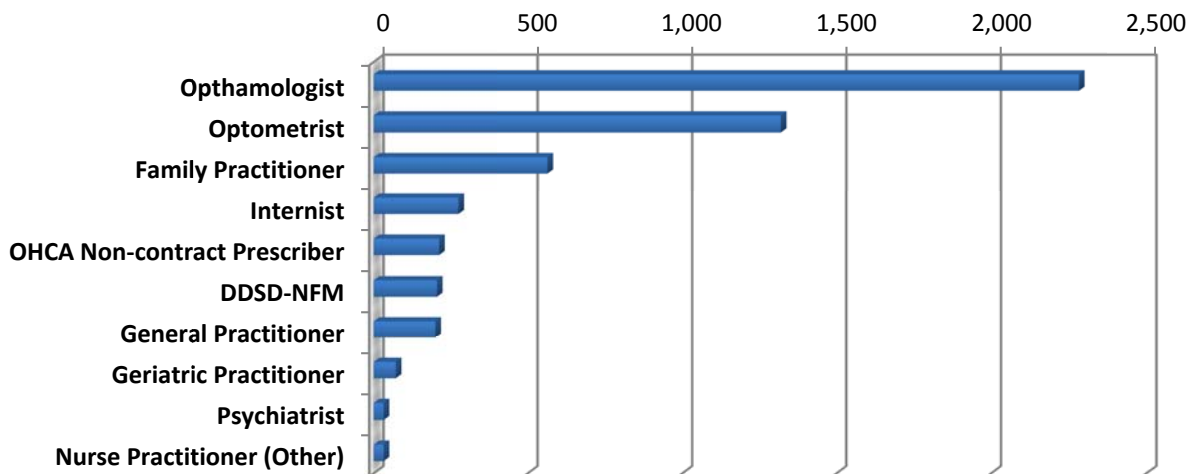
Tier-1	Tier-2
Beta-Blockers	
betaxolol (Betoptic® 0.5%)	betaxolol (Betoptic-S®)
carteolol (Ocupress®)	brimonidine/timolol (Combigan®)
dorzolamide/timolol (Cosopt®)	timolol maleate (Timoptic® 0.5% dropperette)
levobunolol (Betagan®)	
metipranolol (OptiPranolol®)	
timolol maleate (Betimol®, Istalol®, Timoptic®, Timoptic Ocodose®, Timoptic-XE®)	
Prostaglandin Analogs	
travoprost (Travatan®, Travatan-Z®)	bimatoprost (Lumigan®)
	latanoprost (Xalatan®)
Adrenergic Agonists	
dipivefrin (Propine®)	
Alpha-2 Adrenergic Agonists	
brimonidine 0.2%	brimonidine (Alphagan-P® 0.1%, 0.15%)
	apraclonidine (Iopidine® 1%)
Carbonic Anhydrase Inhibitors	
dorzolamide/timolol (Cosopt®)	brinzolamide (Azopt®)
acetazolamide (Diamox®)*	dorzolamide (Trusopt®)
dichlorphenamide (Daranide®)*	
methazolamide (Neptazane®)*	
* (Indicates Available Oral Products)	
Cholinergic Agonists/Cholinesterase Inhibitors	
pilocarpine (Isopto Carpine®, Pilopine HS®, 0.5%, 1%, 2%, 4%, 6%)	carbachol (Isopto®, Miostat® 1.5%, 3%)
	*echothiophate iodide (Phospholine Iodide®)

Utilization of Glaucoma Medications

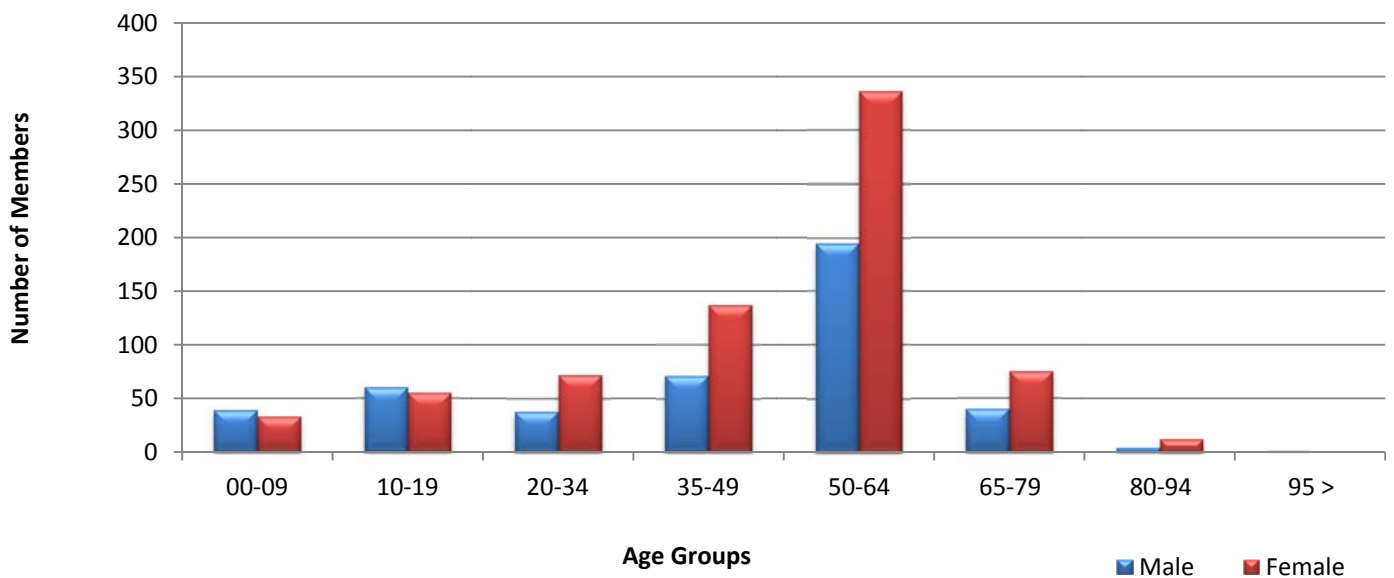
Utilization Comparison between Fiscal Year 2009 and 2010

Fiscal Year	Total Members	Total Claims	Total Paid	Paid/Claim	Per-Diem	Total Units	Total Days
2009	1,065	5,522	\$473,979.96	\$85.83	\$2.98	69,258	159,319
2010	1,168	5,915	\$488,885.33	\$82.65	\$2.83	70,153	172,733
% Change	9.70%	7.10%	3.10%	-3.70%	-5.00%	1.30%	8.40%
Change	103	393	\$14,905.37	-\$3.18	-\$0.15	895	13,418

Top Prescribers of Glaucoma Medications: FY 2010



Demographics of Members Utilizing Glaucoma Medications: FY 2010



Prior Authorization

There were a total of 243 petitions submitted for this PBPA category during fiscal year 2010. Computer edits are in place to look for Tier 1 medications and generate automated prior authorizations where possible. The following chart shows the status of the submitted petitions:

Status of Petitions

Recommendations

The College of Pharmacy does not recommend any changes to this category at this time.

Utilization Details of Glaucoma Medications for Fiscal Year 2010

GENERIC NAME	BRAND NAME	CLAIMS	DAYS	MEMBERS	COST	CLAIMS/ MEMBER	COST/ DAY	% COST
Travoprost	TRAVATAN Z DRO 0.004%	1,036	29,184	318	\$105,947.53	3.26	\$3.63	21.67%
Latanoprost	XALATAN SOL 0.005%	949	29,608	227	\$85,555.17	4.18	\$2.89	17.50%
Dorzolamide -Timolol	DORZOL/TIMOL SOL 2-0.5%OP	534	16,087	151	\$37,826.83	3.54	\$2.35	7.74%
Bimatoprost	LUMIGAN SOL 0.03%	498	15,455	115	\$59,784.02	4.33	\$3.87	12.23%
Travoprost	TRAVATAN DRO 0.004%	470	12,076	137	\$47,099.11	3.43	\$3.90	9.63%
Brimonidine	BRIMONIDINE SOL 0.2% OP	322	9,213	124	\$5,012.63	2.6	\$0.54	1.03%
Timolol Maleate	TIMOLOL MAL SOL 0.5% OP	283	9,223	118	\$1,761.47	2.4	\$0.19	0.36%
Brimonidine -Timolol	COMBIGAN SOL 0.2/0.5%	261	6,042	59	\$22,567.44	4.42	\$3.74	4.62%
Brimonidine Tartrate	ALPHAGAN P SOL 0.15%	215	6,087	65	\$27,291.22	3.31	\$4.48	5.58%
Brinzolamide	AZOPT SUS 1% OP	165	5,620	47	\$16,402.77	3.51	\$2.92	3.36%
Brimonidine Tartrate	ALPHAGAN P SOL 0.1%	143	3,882	50	\$14,163.49	2.86	\$3.65	2.90%
Dorzolamide HCl	DORZOLAMIDE SOL 2% OP	109	3,344	34	\$4,524.74	3.21	\$1.35	0.93%
Timolol Maleate	TIMOLOL GEL SOL 0.5% OP	103	3,178	24	\$3,866.25	4.29	\$1.22	0.79%
Brimonidine Tartrate	BRIMONIDINE SOL 0.15%	73	1,842	29	\$6,791.89	2.52	\$3.69	1.39%
Timolol Maleate	TIMOLOL MAL SOL 0.25% OP	61	1,812	22	\$388.12	2.77	\$0.21	0.08%
Levobunolol HCl	LEVOBUNOLOL SOL 0.5% OP	21	509	9	\$286.95	2.33	\$0.56	0.06%
Pilocarpine HCl	PILOCARPINE SOL 4% OP	11	320	3	\$158.26	3.67	\$0.49	0.03%
Dorzolamide HCl	TRUSOPT SOL 2% OP	10	300	4	\$827.24	2.5	\$2.76	0.17%
Timolol Maleate	ISTALOL SOL 0.5% OP	8	230	2	\$884.14	4	\$3.84	0.18%
Echothiophate Iodide	PHOSPHOLINE SOL 0.125%OP	7	190	6	\$513.58	1.17	\$2.70	0.11%
Dorzolamide -Timolol	COSOPT SOL 2-0.5%OP	6	210	2	\$880.18	3	\$4.19	0.18%
Betaxolol HCl	BETAXOLOL SOL 0.5% OP	5	140	2	\$294.20	2.5	\$2.10	0.06%
Timolol	BETIMOL SOL 0.5%	5	279	2	\$430.84	2.5	\$1.54	0.09%
Pilocarpine HCl	PILOCARPINE SOL 1% OP	5	100	3	\$31.86	1.67	\$0.32	0.01%
Timolol Maleate	TIMOLOL GEL SOL 0.25% OP	4	175	3	\$139.17	1.33	\$0.80	0.03%
Pilocarpine HCl	PILOCARPINE SOL 2% OP	3	55	2	\$20.01	1.5	\$0.36	0.00%
Dipivefrin HCl	DIPIVEFRIN SOL 0.1% OP	2	14	1	\$17.00	2	\$1.21	0.00%
Levobunolol HCl	LEVOBUNOLOL SOL 0.25% OP	1	10	1	\$16.90	1	\$1.69	0.00%
Pilocarpine HCl	PILOPINE HS GEL 4% OP	1	10	1	\$55.34	1	\$5.53	0.01%
Betaxolol HCl	BETOPTIC-S SUS 0.25% OP	29	781	13	\$3,285.50	2.23	\$4.21	0.12%
Acetazolamide	ACETAZOLAMID TAB 125MG	26	1,050	7	\$600.97	3.71	\$0.57	1.72%
Acetazolamide	ACETAZOLAMID TAB 250MG	326	9,489	106	\$8,401.32	3.08	\$0.89	4.79%
Acetazolamide	ACETAZOLAMID CAP 500MG	114	3,227	40	\$23,423.66	2.85	\$7.26	1.74%
Acetazolamide	DIAMOX SEQUE CAP 500MG CR	39	1,105	13	\$8,513.54	3	\$7.70	0.07%
Methazolamide	METHAZOLAMID TAB 25MG	34	794	10	\$347.90	3.4	\$0.44	0.12%
Methazolamide	METHAZOLAMID TAB 50MG	36	1,092	6	\$774.09	6	\$0.71	0.67%
TOTAL		5,915	172,733	*1,168	\$488,885.33	5.06	\$2.83	100%

*Total number of unduplicated members