

Annual Review of Topical Antifungals - Fiscal Year 2011

Oklahoma HealthCare Authority

May 2012

Current Prior Authorization Criteria

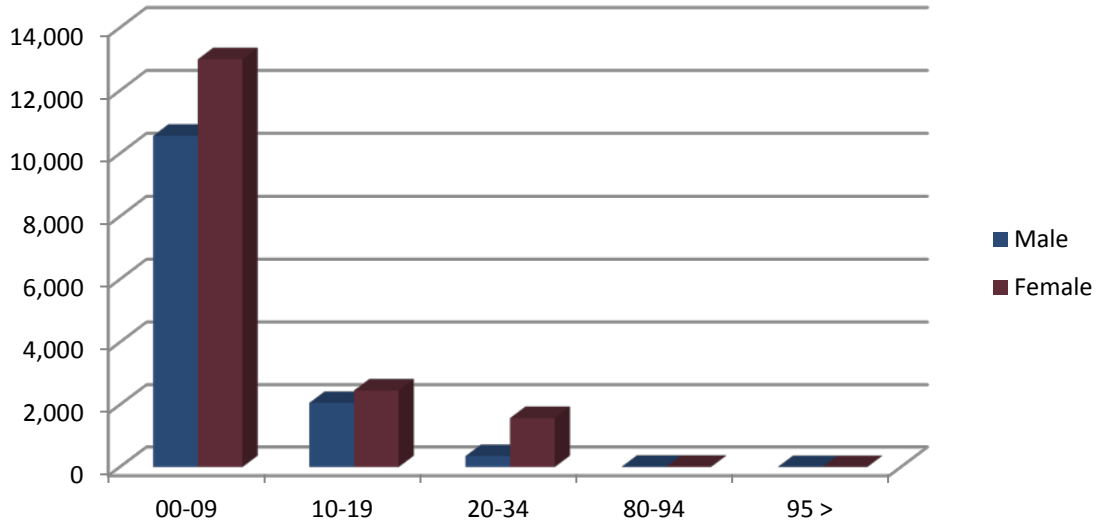
Topical Antifungal Medications	
Tier 1 products are covered with no authorization necessary.	
<u>Tier 2 authorization requires:</u> <ul style="list-style-type: none"> Documented trials of at least two Tier 1 topical antifungal products within the last 30 days. For treatments of Onychomycosis, a trial of oral antifungals (6 weeks for fingernails and 12 weeks for toenails) will be required in order for approval of Penlac®. 	
Tier 1 (no PA required)	Tier 2 (requires PA)
Ciclopirox-0.77% Cream	Ciclopirox solution, shampoo, & gel (Penlac® and Loprox®), includes 0.77% Suspension
Clotrimazole-cream, solution	miconazole/zinc oxide/white petrolatum (Vusion®)
clotrimazole/betamethasone-1% and 0.05% crm, lot	oxiconazole (Oxistat®)
Econazole- 1% cream	sertaconazole nitrate (Ertaczo®)
Ketoconazole-2% cream, shampoo	butenafine (Mentax®)
Nystatin- cream, ointment	ketoconazole gel (Xolegel™)
nystatin/triamcinolone- cream, ointment	naftifine (Naftin®)
Terbinafine 1% cream	sulconazole (Exelderm®)
Tolnaftate 1% cream, powder, solution	ketoconazole foam 2% (Extina®)
	Benzoic acid/Salicylic Acid (Bensal HP)

Utilization of Topical Antifungals

Comparison of Fiscal Years

Fiscal Year	Total Members	Total Claims	Total Paid	Paid per Claim	Per-Diem Paid	Total Units	Total Days
2010	31,009	43,666	\$585,556.75	\$13.41	\$1.08	1,640,452	540,842
2011	32,927	48,814	\$648,652.81	\$13.29	\$1.05	1,831,174	616,356
% Change	6.20%	11.80%	10.80%	-0.90%	-2.80%	11.60%	14.00%
Change	1,918	5,148	\$63,096.06	-\$0.10	-\$0.03	190,722	75,514

Demographics of Members Utilizing Topical Antifungals: FY 2011



Top 10 Prescriber Specialties of Topical Antifungals by Number of Claims: FY 2011

Specialty	Number of Claims
Family Practitioner	13,145
General Pediatrician	11,979
Nurse Practitioner (Other)	7,839
Physician Assistant	6,827
General Practitioner	2,143
Emergency Medicine Practitioner	1,491
Internist	1,212
Obstetrician/Gynecologist	812
Group Prescribers	642
Unknown	331

Prior Authorization of Topical Antifungals

There were a total of 252 petitions submitted for this PBPA category during fiscal year 2011. Computer edits are in place to detect tier-1 medications in member's recent claims history and generate automated prior authorization where possible. . The following chart shows the status of the submitted petitions.

Status of Petitions for Topical Antifungal Medications: FY 2011

Status	Total PA Count
Approved	46
Denied	14
Incomplete	192

Market News and Update

Patent Expirations :

- **Vusion® (miconazole/zinc oxide/white petrolatum)** - Patent expired on 3/27/2009. No generic products available.
- **Ertaczo® (sertaconazole nitrate)** - Patent expires 5/2014.
- **Xolegel™ (ketoconazole gel)** – patent expires 12/2108
- **Extina® (ketoconazole foam 2%)** – Patent expires 10/2018

Other News :

- Lamisil® Spray is non-covered due to its OTC status.
- Prescription strength Lamisil® is not covered due to its designation as a DESI drug.
- Lotrimin® lotion is not covered due to its designation as a DESI drug.

Conclusions and Recommendations

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

Utilization Details of Topical Antifungals: Fiscal Year 2011

Medication	Claims	Members	Units	Days	Paid	Units/Day	Claims/Member	% Paid
Nystatin Cream 100000 Unit/GM	14,014	10,638	444,214	157,754	\$90,285.38	2.82	1.32	13.92%
Clotrimazole w/ Betamethasone Cream 1-0.05%	7,649	5,726	285,625	101,252	\$128,904.47	2.82	1.34	19.87%
Nystatin-Triamcinolone Cream 100000-0.1 Unit/GM-%	5,422	4,205	203,598	68,106	\$40,521.80	2.99	1.29	6.25%
Clotrimazole Cream 1%	5,041	4,001	165,905	64,915	\$132,563.52	2.56	1.26	20.44%
Nystatin Oint 100000 Unit/GM	4,635	3,639	148,875	51,122	\$33,846.56	2.91	1.27	5.22%
Ketoconazole Cream 2%	3,873	2,968	144,574	56,509	\$60,668.42	2.56	1.3	9.35%
*Nystatin Topical Powder**	2,177	1,427	64,021	24,365	\$41,884.80	2.63	1.53	6.46%
Ketoconazole Shampoo 2%	1,653	1,037	209,761	33,414	\$32,043.09	6.28	1.59	4.94%
Econazole Nitrate Cream 1%	1,311	1,000	55,935	18,130	\$20,038.16	3.09	1.31	3.09%
Nystatin-Triamcinolone Oint 100000-0.1 Unit/GM-%	1,053	854	32,445	12,683	\$7,043.70	2.56	1.23	1.09%
Ciclopirox Olamine Cream 0.77% (Base Equiv)	615	479	24,939	8,523	\$11,694.42	2.93	1.28	1.80%
*Nystatin Topical Powder**	498	291	13,321	6,509	\$9,014.91	2.05	1.71	1.39%
Clotrimazole w/ Betamethasone Lotion 1-0.05%	302	228	11,940	4,051	\$8,738.33	2.95	1.32	1.35%
*Nystatin Topical Powder**	282	183	10,815	3,552	\$6,732.91	3.04	1.54	1.04%
Clotrimazole Soln 1%	126	105	3,710	1,974	\$1,878.33	1.88	1.2	0.29%
Ketoconazole Foam 2%	73	39	6,200	1,598	\$20,436.86	3.88	1.87	3.15%
Clotrimazole Powder	63	44	3,776	1,300	\$332.01	2.9	1.43	0.05%
Ciclopirox Solution 8%	7	5	47	141	\$65.02	0.33	1.4	0.01%
Ciclopirox Shampoo 1%	5	3	600	135	\$565.23	4.44	1.67	0.09%
Ciclopirox Olamine Susp 0.77% (Base Equiv)	4	3	240	76	\$221.68	3.16	1.33	0.03%
Clotrimazole Crystals	4	3	202	120	\$25.73	1.68	1.33	0.00%
Oxiconazole Nitrate Cream 1%	2	1	60	20	\$175.76	3	2	0.03%
Miconazole-Zinc Oxide-White Petrolatum Oint 0.25-15-81.35%	2	2	100	17	\$489.22	5.88	1	0.08%
Ciclopirox Shampoo 1%	2	1	240	60	\$422.50	4	2	0.07%
Naftifine HCl Cream 1%	1	1	30	30	\$60.00	1	1	0.01%
TOTALS	48,814	32,927*	1,831,173	616,356	\$648,652.81	2.97	1.48	100%

*Total number of unduplicated members