

## Supplementary Tables

**Supplementary Table S1.** Approved uses of systemic antifungals.

Antifungal	Approved use
<b>Flucytosine</b>	<i>Deep:</i> Candidiasis (candidemia, endocarditis, urinary tract, pulmonary, endophthalmitis, central nervous system), cryptococcosis (meningeal, pulmonary)
<b>Fluconazole</b>	<i>Deep:</i> Candidiasis (invasive, candidemia, central nervous system, esophageal, oropharyngeal, endophthalmitis, endocarditis, urinary tract, arthritis), cryptococcosis (meningeal, pulmonary), histoplasmosis (disseminated, central nervous system, pulmonary), coccidioidomycosis, blastomycosis, lymphocutaneous sporotrichosis, trichophytosis, cutaneous leishmaniasis <i>Superficial:</i> Vulvovaginal candidiasis, dermatophyte onychomycosis, pityriasis versicolor, ringworm
<b>Griseofulvin</b>	<i>Superficial:</i> Vulvovaginal candidiasis, dermatophyte onychomycosis, ringworm
<b>Isavuconazole</b>	<i>Deep:</i> invasive aspergillosis, invasive mucormycosis
<b>Itraconazole</b>	<i>Deep:</i> Aspergillosis (bronchopulmonary, invasive, pulmonary), candidiasis (invasive, candidemia, esophageal, oropharyngeal), meningeal cryptococcosis, histoplasmosis (disseminated, central nervous system, pulmonary), coccidioidomycosis, paracoccidioidomycosis, blastomycosis, sporotrichosis, systemic chromomycosis. <i>Superficial:</i> Vulvovaginal candidiasis, dermatophyte onychomycosis, pityriasis versicolor, ringworm
<b>Ketoconazole</b>	Severe deep infections when other safer drugs are not available or are not tolerated
<b>Nystatin</b>	<i>Superficial:</i> Candidiasis (vulvovaginal, cutaneous, mucocutaneous, oropharyngeal, gastrointestinal -not esophageal-)
<b>Posaconazole</b>	<i>Deep:</i> Aspergillosis (bronchopulmonary, invasive, pulmonary), candidiasis (invasive, candidemia, esophageal, oropharyngeal).
<b>Terbinafine</b>	<i>Superficial:</i> Dermatophyte onychomycosis, dermatophytosis (tinea corporis, cruris, pedis, capitis), pityriasis versicolor, seborrheic dermatitis, sporotrichosis (cutaneous, lymphocutaneous), cutaneous chromoblastomycosis
<b>Voriconazole</b>	<i>Deep:</i> Aspergillosis (bronchopulmonary, invasive, pulmonary), candidiasis (invasive, candidemia, esophageal, oropharyngeal, endophthalmitis), blastomycosis, fusariosis, scedosporiosis.

**Supplementary Table S2.** Top 15 uses of systemic antifungals from 35,824 patients reporting primary and secondary diagnoses, Colombia.

Uses	Fluconazole		Nystatin		Ketoconazole		Terbinafine		Itraconazole		Fluconazole + secnidazole		Itraconazole + secnidazole		Voriconazole		Posaconazole		Isavuconazole	
	n=25340	%	n=5272	%	n=3949	%	n=796	%	n=588	%	n=102	%	n=48	%	n=38	%	n=18	%	n=4	%
Vaginitis - vulvitis – vulvovaginitis	12092	47.7	274	5.2	881	22.3	29	3.6	59	10.0	85	83.3	38	79.2	1	2.6	0	0.0	0	0.0
Opportunistic mycoses	2323	9.2	764	14.5	262	6.6	77	9.7	69	11.7	4	3.9	0	0.0	24	63.2	14	77.8	3	75.0
Onychomycosis	972	3.8	6	0.1	54	1.4	233	29.3	116	19.7	0	0.0	1	2.1	0	0.0	0	0.0	0	0.0
Pityriasis versicolor	707	2.8	16	0.3	435	11.0	38	4.8	60	10.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Superficial mycoses	951	3.8	33	0.6	250	6.3	49	6.2	23	3.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute nasopharyngitis	275	1.1	660	12.5	63	1.6	3	0.4	4	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unspecified mycosis	785	3.1	44	0.8	191	4.8	23	2.9	29	4.9	0	0.0	0	0.0	1	2.6	0	0.0	0	0.0
Body ringworm	776	3.1	6	0.1	208	5.3	49	6.2	25	4.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urinary infection	779	3.1	102	1.9	97	2.5	5	0.6	4	0.7	2	2.0	3	6.3	0	0.0	0	0.0	0	0.0
Acute tonsillitis	50	0.2	725	13.8	10	0.3	1	0.1	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	0	0.0
Stomatitis	46	0.2	742	14.1	8	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unspecified dermatophytosis	506	2.0	15	0.3	161	4.1	24	3.0	34	5.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Bacterial or viral intestinal infections	184	0.7	208	3.9	20	0.5	3	0.4	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Allergic/contact dermatitis	285	1.1	23	0.4	47	1.2	15	1.9	9	1.5	2	2.0	0	0.0	0	0.0	0	0.0	0	0.0
External otitis	252	1.0	27	0.5	63	1.6	1	0.1	4	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0