

Table S1

Comparison of AFST pattern showing Minimum Inhibitory concentration (MIC) values of all tested isolates with each of *Aspergillus*, *Fusarium*, and dematiaceous fungi against the triazoles and polyene group of antifungals.

Sr. No.	Antifungal	Concentration Range (µg/ml)	Overall Isolates (n=150)		<i>Aspergillus</i> spp. (n=98)		<i>Fusarium</i> spp. (n=40)		Dematiaceous fungi(n=12)	
			Low MIC	High MIC	Low MIC	High MIC	Low MIC	High MIC	Low MIC	High MIC
1	VRCZ	0.03-16	95.33% (n=143)	4.66% (n=7)	98.97% (n=97)	1.02% (n=1)	92.5% (n=37)	7.5% (n=3)	75% (n=9)	25% (n=3)
2	ITRA	0.03-16	88% (n=132)	10% (n=15)	97.95% (n=96)	2.04% (n=2)	80% (n=32)	20% (n=8)	58.33% (n=7)	41.66% (n=5)
3	PSCZ	0.03-16	78.66% (n=118)	21.33% (n=32)	81.63% (n=80)	18.36% (n=18)	72.5% (n=29)	27.5% (n=11)	75% (n=9)	25% (n=3)
4	NTM	0.06-32	30.66% (n=46)	69.33% (n=104)	22.44% (n=22)	77.55% (n=76)	60% (n=24)	40% (n=16)	NA	100% (n=12)
5	AMB	0.03-16	59.33% (n=89)	40.66% (n=61)	44.89% (n=44)	55.10% (n=54)	95% (n=38)	5% (n=2)	58.33% (n=7)	41.66% (n=5)

VRCZ: Voriconazole: VRCZ, PSCZ: Posaconazole, ITRA: Itraconazole, NTM: Natamycin, AMB: Amphotericin B

Table S2

Comparison of AFST pattern showing Minimum Inhibitory concentration (MIC) values of all tested isolates with each of *Aspergillus*, *Fusarium*, and dematiaceous fungi against the promising group of antifungals.

Sr. No.	Antifungal	Concentration Range (µg/ml)	Overall Isolates (n=150)		Aspergillus spp. (n=98)		Fusarium spp. (n=40)		Dematiaceous fungi(n=12)	
			Low MIC	High MIC	Low MIC	High MIC	Low MIC	High MIC	Low MIC	High MIC
1	LLCZ	0.001-0.5	94.66% (n=142)	5.33% (n=8)	97.95% (n=96)	2.04% (n=2)	97.5% (n=39)	2.5% (n=1)	58.33% (n=7)	41.66% (n=5)
2	KTZ	0.03-16	77.33% (n=116)	22.66% (n=34)	74.48% (n=73)	25.51% (n=25)	87.5% (n=35)	12.5% (n=5)	66.66% (n=8)	33.33% (n=4)
3	MCZ	0.03-16	75.33% (n=113)	24.66% (n=37)	76.53% (n=75)	23.46% (n=23)	80% (n=32)	20% (n=8)	50% (n=6)	50% (n=6)
4	TFH	0.12-64	92% (n=138)	8% (n=12)	94.89% (n=93)	5.10% (n=5)	92.5% (n=37)	7.5% (n=3)	66.66% (n=8)	33.33% (n=4)

LLCZ: Luliconazole, KTZ: ketoconazole, MCZ: Miconazole, TFH: Terbinafine hydrochloride