

Arenas	1991	Onychomycosis treated with Itraconazole or Griseofulvin alone with and without a topical antimycotic or keratolytic agent	<i>Int J Dermatol</i>	oral and topical	Oral Itraconazole, Griseofulvin; topical Isoconazole 1%, urea 40%	100	77	23	77%	23%
Goodfield	1992	Short-duration therapy with Terbinafine for dermatophyte onychomycosis: a multicentre trial	<i>Br J Dermatol</i>	oral	Terbinafine	85	30	55	35%	65%
Goodfield	1992	Short term treatment of dermatophyte onychomycosis with Terbinafine	<i>BMJ</i>	oral	Terbinafine	85	30	55	35%	65%
van der Schroeff	1992	A randomized treatment duration-finding study of Terbinafine in onychomycosis	<i>Br J Dermatol</i>	oral	Terbinafine	98	49	49	50%	50%
Piepponen	1992	Efficacy and safety of Itraconazole in the long-term treatment of onychomycosis	<i>J Antimicrob Chemother</i>	oral	Itraconazole, Griseofulvin	61	32	29	52%	48%
Mensing	1992	Determination of the subungual antifungal activity of Amorolfine after 1 month's treatment in patients with onychomycosis: comparison of two nail lacquer formulations	<i>Clin Exp Dermatol</i>	topical	Amorolfine 5% nail lacquer	36	13	23	36%	64%
Lauharanta	1992	Comparative efficacy and safety of Amorolfine nail lacquer 2% versus 5% once weekly	<i>Clin Exp Dermatol</i>	topical	Amorolfine 2 or 5% nail lacquer	157	76	81	48%	52%
Reinel	1992	Comparative efficacy and safety of Amorolfine nail lacquer 5% in onychomycosis, once-weekly versus twice-weekly	<i>Clin Exp Dermatol</i>	topical	Amorolfine 5% nail lacquer	538	299	239	56%	44%
Reinel	1992	Topical treatment of onychomycosis with Amorolfine 5% nail lacquer: comparative efficacy and tolerability of once and twice weekly use	<i>Dermatology</i>	topical	Amorolfine 5% nail lacquer	456	264	192	58%	42%
Korting	1993	Treatment of tinea unguium with medium and high doses of ultramicrosize Griseofulvin compared with that with Itraconazole	<i>Antimicrob Agents Chemother</i>	oral	Itraconazole, Griseofulvin	109	53	56	49%	51%
Buck	1994	Comparison of two topical preparations for the treatment of onychomycosis: Melaleuca alternifolia (tea tree) oil and clotrimazole	<i>J Fam Pract</i>	topical	1% clotrimazole soln, 100% tea tree oil	117	87	30	74%	26%
Faergemann	1995	Double-blind, parallel-group comparison of Terbinafine and Griseofulvin in the treatment of toenail onychomycosis	<i>J Am Acad Dermatol</i>	oral	Terbinafine, Griseofulvin	89	24	65	27%	73%
Haneke	1995	Short-duration treatment of fingernail dermatophytosis: a randomized, double-blind study with Terbinafine and Griseofulvin. LAGOS III Study Group	<i>J Am Acad Dermatol</i>	oral	Terbinafine, Griseofulvin	180	58	122	32%	68%
Hofmann	1995	Treatment of toenail onychomycosis. A randomized, double-blind study with Terbinafine and Griseofulvin. LAGOS II Study Group	<i>Arch Dermatol</i>	oral	Terbinafine, Griseofulvin	195	68	127	35%	65%
Bräutigam	1995	Randomised double blind comparison of Terbinafine and Itraconazole for treatment of toenail tinea infection. Seventh Lamisil German Onychomycosis Study Group	<i>BMJ</i>	oral	Terbinafine, Itraconazole	195	70	125	36%	64%
Watson	1995	Terbinafine in onychomycosis of the toenail: a novel treatment protocol	<i>J Am Acad Dermatol</i>	oral	Terbinafine	118	50	68	42%	58%
Jones	1996	Double-blind, randomized comparison of Itraconazole capsules and placebo in onychomycosis of toenail	<i>Int J Dermatol</i>	oral	Itraconazole	68	18	50	26%	74%
Billstein	1996	Terbinafine vs. placebo for onychomycosis in black patients	<i>Int J Dermatol</i>	oral	Terbinafine	109	29	80	27%	73%
Alpsoy	1996	Intermittent therapy with Terbinafine for dermatophyte toe-onychomycosis: a new approach	<i>J Dermatol</i>	oral	Terbinafine	47	23	24	49%	51%
Tosti	1996	Treatment of dermatophyte nail infections: an open randomized study comparing intermittent Terbinafine therapy with continuous Terbinafine treatment and intermittent Itraconazole therapy	<i>J Am Acad Dermatol</i>	oral	Terbinafine, Itraconazole	63	32	31	51%	49%
De Doncker	1996	Antifungal pulse therapy for onychomycosis. A pharmacokinetic and pharmacodynamic investigation of monthly cycles of 1-week pulse therapy with Itraconazole	<i>Arch Dermatol</i>	oral	Itraconazole pulse therapy	50	26	24	52%	48%
Odom	1997	A multicenter, placebo-controlled, double-blind study of intermittent therapy with Itraconazole for the treatment of onychomycosis of the fingernail	<i>J Am Acad Dermatol</i>	oral	Itraconazole	73	10	63	14%	86%
Drake	1997	Oral Terbinafine in the treatment of toenail onychomycosis: North American multicenter trial	<i>J Am Acad Dermatol</i>	oral	Terbinafine	358	126	232	35%	65%
Tausch	1997	Evaluation of 6 weeks treatment of Terbinafine in tinea unguium in a double-blind trial comparing 6 and 12 weeks therapy. The Lagos V Study Group	<i>Br J Dermatol</i>	oral	Terbinafine	148	53	95	36%	64%
Chien	1997	Hepatic injury during ketoconazole therapy in patients with onychomycosis: a controlled cohort study	<i>Hepatology</i>	oral	ketoconazole, Griseofulvin	211	138	73	65%	35%
Friedman - Birnbaum	1997	Treatment of onychomycosis: a randomized, double-blind comparison study with topical bifonazole-urea ointment alone and in combination with short-duration oral Griseofulvin	<i>Int J Dermatol</i>	oral and topical	Urea 40%/bifonazole 1% cream, oral Griseofulvin	97	51	46	53%	47%
Drake	1998	Once-weekly Fluconazole (150, 300, or 450 mg) in the treatment of distal subungual onychomycosis of the fingernail	<i>J Am Acad Dermatol</i>	oral	Fluconazole	439	35	404	8%	92%

Bräutigam	1998	Terbinafine versus Itraconazole: a controlled clinical comparison in onychomycosis of the toenails	<i>J Am Acad Dermatol</i>	oral	Terbinafine, Itraconazole	170	62	108	36%	64%
Scher	1998	Once-weekly Fluconazole (150, 300, or 450 mg) in the treatment of distal subungual onychomycosis of the toenail	<i>J Am Acad Dermatol</i>	oral	Fluconazole	362	27	265	7%	73%
Haneke	1998	Itraconazole in the treatment of onychomycosis: a double-blind comparison with miconazole	<i>Dermatology</i>	oral and topical	Oral Itraconazole, topical Miconazole	1707	861	846	50%	50%
Syed	1998	Management of toenail onychomycosis with 2% butenafine and 20% urea cream: a placebo-controlled, double-blind study	<i>J Dermatol</i>	topical	2% butenafine hydrochloride and 20% urea	60	22	38	37%	63%
Sigurgeirsson	1999	L.I.ON. Study: efficacy and tolerability of continuous Terbinafine (Lamisil) compared to intermittent Itraconazole in the treatment of toenail onychomycosis. Lamisil vs. Itraconazole in Onychomycosis	<i>Br J Dermatol</i>	oral	Terbinafine, Itraconazole	496	208	288	42%	58%
Chen	1999	A comparison among four regimens of Itraconazole treatment in onychomycosis	<i>Mycoses</i>	oral	Itraconazole	153	65	88	42%	58%
Syed	1999	Treatment of toenail onychomycosis with 2% butenafine and 5% Melaleuca alternifolia (tea tree) oil in cream	<i>Trop Med Int Health</i>	topical	2% butenafine hydrochloride and 5% Melaleuca alternifolia oil, cream	60	21	39	35%	65%
Baran	2000	A randomized trial of Amorolfine 5% solution nail lacquer combined with oral Terbinafine compared with Terbinafine alone in the treatment of dermatophytic toenail onychomycoses affecting the matrix region	<i>Br J Dermatol</i>	oral and topical	Amorolfine 5% nail lacquer + oral Terbinafine, oral Terbinafine	147	64	83	44%	56%
Gupta	2001	Efficacy of Itraconazole, Terbinafine, Fluconazole, Griseofulvin and ketoconazole in the treatment of Scopulariopsis brevicaulis causing onychomycosis of the toes	<i>Dermatology</i>	oral	Griseofulvin, ketoconazole, Itraconazole pulse, Fluconazole, Terbinafine	59	11	48	19%	81%
Gupta	2001	Single-blind, randomized, prospective study on Terbinafine and Itraconazole for treatment of dermatophyte toenail onychomycosis in the elderly	<i>J Am Acad Dermatol</i>	oral	Itraconazole pulse therapy, continuous Terbinafine	101	49	52	49%	51%
Gupta	2001	Single-blind, randomized, prospective study of sequential Itraconazole and Terbinafine pulse compared with Terbinafine pulse for the treatment of toenail onychomycosis	<i>J Am Acad Dermatol</i>	oral	Itraconazole, Terbinafine pulse therapy	75	42	33	56%	44%
Lecha	2001	Amorolfine and Itraconazole combination for severe toenail onychomycosis; results of an open randomized trial in Spain	<i>Br J Dermatol</i>	oral and topical	Amorolfine 5% nail lacquer + Itraconazole, Itraconazole	131	62	69	47%	53%
Arca	2002	An open, randomized, comparative study of oral Fluconazole, Itraconazole and Terbinafine therapy in onychomycosis	<i>J Dermatolog Treat</i>	oral	Fluconazole, Itraconazole, Terbinafine	50	26	24	52%	48%
Rigopoulos	2003	A randomized trial of Amorolfine 5% solution nail lacquer in association with Itraconazole pulse therapy compared with Itraconazole alone in the treatment of Candida fingernail onychomycosis	<i>Br J Dermatol</i>	oral and topical	Pulse Itraconazole, Amorolfine 5% soln	85	73	12	86%	14%
Warsaw	2005	Pulse versus continuous Terbinafine for onychomycosis: a randomized, double-blind, controlled trial	<i>J Am Acad Dermatol</i>	oral	Terbinafine	306	11	295	4%	96%
Mishra	2005	An open randomized comparative study of oral Itraconazole pulse and Terbinafine pulse in the treatment of onychomycosis	<i>Indian J Dermatol Venereol Leprol</i>	oral	Itraconazole, Terbinafine pulse therapy	120	48	72	40%	60%
Warsaw	2005	Prevention of onychomycosis reinfection for patients with complete cure of all 10 toenails: results of a double-blind, placebo-controlled, pilot study of prophylactic miconazole powder 2%	<i>J Am Acad Dermatol</i>	topical	Miconazole powder 2%	48	2	46	4%	96%
Sigurgeirsson	2006	Intermittent versus continuous Terbinafine in the treatment of toenail onychomycosis: a randomized, double-blind comparison	<i>J Dermatolog Treat</i>	oral	Terbinafine	2005	663	1342	33%	67%
Gupta	2006	Pulse Itraconazole vs. continuous Terbinafine for the treatment of dermatophyte toenail onychomycosis in patients with diabetes mellitus	<i>J Eur Acad Dermatol Venereol</i>	oral	Pulse Itraconazole, continuous Terbinafine	70	36	34	51%	49%
Jennings	2006	Treatment of toenail onychomycosis with oral Terbinafine plus aggressive debridement: IRON-CLAD, a large, randomized, open-label, multicenter trial	<i>J Am Podiatr Med Assoc</i>	oral	Terbinafine	504	195	309	39%	61%
Potter	2007	The impact of aggressive debridement used as an adjunct therapy with Terbinafine on perceptions of patients undergoing treatment for toenail onychomycosis	<i>J Dermatolog Treat</i>	oral	Terbinafine, debridement	504	195	309	39%	61%
Jaiswal	2007	An open randomized comparative study to test the efficacy and safety of oral Terbinafine pulse as a monotherapy and in combination with topical ciclopirox olamine 8% or topical Amorolfine hydrochloride 5% in the treatment of onychomycosis	<i>Indian J Dermatol Venereol Leprol</i>	oral and topical	Terbinafine pulse, Terbinafine + topical ciclopirox 8%, Terbinafine + topical Amorolfine 5%	96	10	86	10%	90%

Baran	2007	A multicentre, randomized, controlled study of the efficacy, safety and cost-effectiveness of a combination therapy with Amorolfine nail lacquer and oral Terbinafine compared with oral Terbinafine alone for the treatment of onychomycosis with matrix involvement	<i>Br J Dermatol</i>	oral and topical	Amorolfine 5% nail lacquer + oral Terbinafine, oral Terbinafine	249	80	169	32%	68%
Grover	2007	Combination of surgical avulsion and topical therapy for single nail onychomycosis: a randomized controlled trial	<i>Br J Dermatol</i>	topical	ketoconazole 2% cream, oxiconazole 1% cream, occlusion	40	21	19	53%	48%
Romero-Cerecero	2008	Double-blind clinical trial for evaluating the effectiveness and tolerability of Ageratina pichinchensis extract on patients with mild to moderate onychomycosis. A comparative study with ciclopirox	<i>Planta Med</i>	topical	A. pichinchensis, ciclopirox 8% lacquer	110	78	32	71%	29%
Baran	2009	An innovative water-soluble biopolymer improves efficacy of ciclopirox nail lacquer in the management of onychomycosis	<i>J Eur Acad Dermatol Venereol</i>	topical	P-3051 (ciclopirox 8% hydrolacquer)	467	296	171	63%	37%
Romero-Cerecero	2009	Clinical trial to compare the effectiveness of two concentrations of the Ageratina pichinchensis extract in the topical treatment of onychomycosis	<i>J. Ethnopharmacol</i>	topical	A. pichinchensis 12.6% and 16.8%	122	94	28	77%	23%
Sigurgeirsson	2010	Efficacy of Amorolfine nail lacquer for the prophylaxis of onychomycosis over 3 years	<i>J Eur Acad Dermatol Venereol</i>	topical	Amorolfine nail lacquer	52	13	39	25%	75%
Krishna	2011	Determination of posaconazole levels in toenails of adults with onychomycosis following oral treatment with four regimens of posaconazole for 12 or 24 weeks	<i>Antimicrob Agents Chemother</i>	oral	Posaconazole, Terbinafine	146	31	115	21%	79%
Menéndez	2011	Therapeutic efficacy of topical OLEOZON® in patients suffering from onychomycosis	<i>Mycoses</i>	topical	Oleozon, ketoconazole 2% cream	400	80	320	20%	80%
Elewski	2012	A randomized, placebo- and active-controlled, parallel-group, multicentre, investigator-blinded study of four treatment regimens of posaconazole in adults with toenail onychomycosis	<i>Br J Dermatol</i>	oral	Posaconazole, Terbinafine	218	45	173	21%	79%
Emtestam	2012	Treatment of distal subungual onychomycosis with a topical preparation of urea, propylene glycol and lactic acid: results of a 24-week, double-blind, placebo-controlled study	<i>Mycoses</i>	topical	K101 nail soln	493	115	378	23%	77%
Bassiri-Jahromi	2012	A comparative evaluation of combination therapy of Fluconazole 1% and urea 40% compared with Fluconazole 1% alone in a nail lacquer for treatment of onychomycosis: therapeutic trial	<i>J Dermatolog Treat</i>	topical	Fluconazole 1%, Fluconazole 1% + urea 40%	70	28	42	40%	60%
Sigurgeirsson	2013	A phase II, randomized, double-blind, placebo-controlled, parallel group, dose-ranging study to investigate the efficacy and safety of 4 dose regimens of oral albaconazole in patients with distal subungual onychomycosis	<i>J Am Acad Dermatol</i>	oral	Albaconazole	582	141	441	24%	76%
Elewski	2013	Efinaconazole 10% solution in the treatment of toenail onychomycosis: Two phase III multicenter, randomized, double-blind studies. Study 2	<i>J Am Acad Dermatol</i>	topical	Efinaconazole 10% soln	781	153	628	20%	80%
Elewski	2013	Efinaconazole 10% solution in the treatment of toenail onychomycosis: Two phase III multicenter, randomized, double-blind studies. Study 1	<i>J Am Acad Dermatol</i>	topical	Efinaconazole 10% soln	870	223	647	26%	74%
Lahfa	2013	Efficacy, safety and tolerability of an optimized avulsion technique with onyster® (40% urea ointment with plastic dressing) ointment compared to bifonazole-urea ointment for removal of the clinically infected nail in toenail onychomycosis: a randomized evaluator-blinded controlled study	<i>Dermatology</i>	topical	40% urea ointment with plastic dressing, 40% urea/1% bifonazole ointment	105	39	66	37%	63%
Friedlander	2013	Onychomycosis Does Not Always Require Systemic Treatment for Cure: A Trial Using Topical Therapy	<i>Pediatr Dermatol</i>	topical	Ciclopirox 8% lacquer	40	15	25	38%	63%
Tietz	2013	Efficacy of 4 weeks topical bifonazole treatment for onychomycosis after nail ablation with 40% urea: a double-blind, randomized, placebo-controlled multicenter study	<i>Mycoses</i>	topical	Bifonazole 1% cream	595	258	337	43%	57%
Paul	2013	A multicenter, randomized, open-label, controlled study comparing the efficacy, safety and cost-effectiveness of a sequential therapy with RV4104A ointment, ciclopiroxolamine cream and ciclopirox film-forming solution with Amorolfine nail lacquer alone in dermatophytic onychomycosis	<i>Dermatology</i>	topical	RV4104 ointment/ciclopirox cream/ciclopirox nail lacquer, Amorolfine 5% nail lacquer	142	78	64	55%	45%
Tschen	2013	Efinaconazole Solution in the Treatment of Toenail Onychomycosis: A Phase 2, Multicenter, Randomized, Double-Blind Study	<i>J Drugs Dermatol</i>	topical	Efinaconazole 10% soln (+/- semiocclusion), efinaconazole 5% soln	135	73	62	54%	46%
Yadav	2015	Comparative efficacy of continuous and pulse dose Terbinafine regimes in toenail dermatophytosis: A randomized double-blind trial	<i>Indian J Dermatol Venereol Leprol</i>	oral	Terbinafine	76	9	67	12%	88%
Auvinen	2015	Efficacy of topical resin lacquer, Amorolfine and oral Terbinafine for treating toenail onychomycosis: a prospective, randomized, controlled, investigator-blinded, parallel-group clinical trial	<i>Br J Dermatol</i>	oral and topical	resin lacquer 30%, 5% Amorolfine lacquer, oral Terbinafine	73	15	58	21%	79%
Elewski	2015	Efficacy and safety of tavaborole topical solution, 5%, a novel boron-based antifungal agent, for the treatment of toenail onychomycosis: Results from 2 randomized phase-III studies. Study 2	<i>J Am Acad Dermatol</i>	topical	Tavaborole 5% soln	601	104	497	17%	83%

Elewski	2015	Efficacy and safety of tavaborole topical solution, 5%, a novel boron-based antifungal agent, for the treatment of toenail onychomycosis: Results from 2 randomized phase-III studies. Study 1	<i>J Am Acad Dermatol</i>	topical	Tavaborole 5% soln	593	111	482	19%	81%
Ranawaka	2016	Randomized, double-blind, comparative study on efficacy and safety of Itraconazole pulse therapy and Terbinafine pulse therapy on nondermatophyte mold onychomycosis: A study with 90 patients	<i>J Dermatolog Treat</i>	oral	Itraconazole, Terbinafine	90	60	30	67%	33%
Sigurgeirsson	2016	Application of cosmetic nail varnish does not affect the antifungal efficacy of Amorolfine 5% nail lacquer in the treatment of distal subungual toenail onychomycosis: results of a randomised active-controlled study and in vitro assays	<i>Mycoses</i>	topical	Amorolfine 5% nail lacquer	50	11	39	22%	78%
Schaller	2017	Patient-reported outcomes from two randomised studies comparing once-weekly application of Amorolfine 5% nail lacquer to other methods of topical treatment in distal and lateral subungual onychomycosis. Study 2	<i>Mycoses</i>	topical	Amorolfine 5% nail lacquer, urea 40%/bifonazole 1%	22	5	17	23%	77%
Watanabe	2017	Efficacy and safety of luliconazole 5% nail solution for the treatment of onychomycosis: A multicenter, double-blind, randomized phase III study	<i>J Dermatol</i>	topical	luliconazole 5% soln	293	88	205	30%	70%
Schaller	2017	Patient-reported outcomes from two randomised studies comparing once-weekly application of Amorolfine 5% nail lacquer to other methods of topical treatment in distal and lateral subungual onychomycosis. Study 1	<i>Mycoses</i>	topical	Amorolfine 5% nail lacquer, ciclopirox 8% nail lacquer	20	10	10	50%	50%
Watanabe	2018	Efficacy and safety of fosravuconazole L-lysine ethanolate, a novel oral triazole antifungal agent, for the treatment of onychomycosis: A multicenter, double-blind, randomized phase III study	<i>J Dermatol</i>	oral	Fosravuconazole L-lysine ethanolate	153	43	110	28%	72%
Zhang	2018	An exploration of the optimum dosage and number of cycles of Itraconazole pulse therapy for severe onychomycosis	<i>Mycoses</i>	oral	Itraconazole pulse therapy	90	50	40	56%	44%
Romero-Cerecero	2020	Effectiveness of an enecalalin standardized extract of <i>Ageratina pichinchensis</i> on the treatment of onychomycosis in patients with diabetes mellitus	<i>Phytotherapy Research</i>	topical	Enecalalin standardized extract of <i>A. pichinchensis</i>	71	59	12	83%	17%
Elewski	2021	A phase II, randomized, double-blind, placebo-controlled, dose-ranging study to evaluate the efficacy and safety of VT-1161 oral tablets in the treatment of patients with distal and lateral subungual onychomycosis of the toenail	<i>Br J Dermatol</i>	oral	Oteseconazole	259	51	208	20%	80%
Gupta	2021	Efficacy and safety of topical Terbinafine 10% solution (MOB-015) in the treatment of mild to moderate distal subungual onychomycosis: A randomized, multicenter, double-blind, vehicle-controlled phase 3 study	<i>J Am Acad Dermatol</i>	topical	Terbinafine 10% soln	365	60	305	16%	84%