EUROGUIDERM GUIDELINE FOR THE SYSTEMIC TREATMENT OF PSORIASIS VULGARIS

OVERVIEW OF MAIN RECOMMENDATIONS AND RECOMMENDATIONS FOR SPECIFIC TREATMENT CIRCUMSTANCES

EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT

GUIDELINE DEVELOPMENT GROUP





Zsuzsanna Bata-Csörgő Ivan Bogdanov **Hugo Boonen**



Ignacio Garcia-Doval Paolo Gisondi









Pietro Lampertico

Satveer Mahil

Tarja Mälkönen





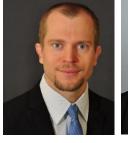
Julia-Tatjana Maul





Liam Mercieca



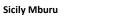








Vincent Mallet



Elke de Jong

Ulrich Mrowietz

Alexander Nast*

Antonia Pennitz*

Eva Remenyik

Dimitris Rigopoulos

Paul-Gunther Sator



Marcus Schmitt-Egenolf

Mariusz Sikora







Olav Sundnes

Klaus Strömer







Gayle van der Kraaij





Nikhil Yawalkar

Christoph Zeyen*

* EuroGuiDerm Team



EUROPEAN **CENTRE FOR** GUIDELINES DEVELOPMENT European Dermatology Forum



David Trigos

OVERVIEW OF MAIN RECOMMENDATION

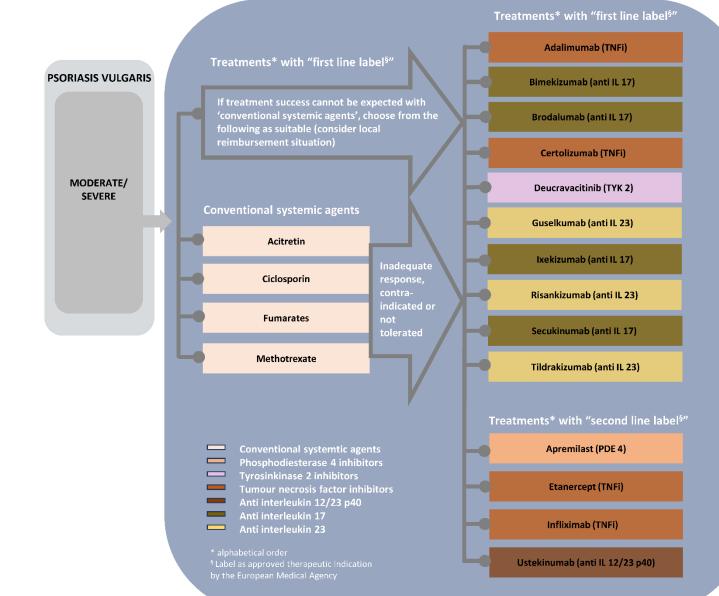


FIGURE 1: OVERVIEW OF TREATMENT OPTIONS FOR PLAQUE TYPE PSORIASIS ARRANGED BY THE LABEL AS APPROVED BY EUROPEAN MEDICAL AGENCY.

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



CENTRE FOR GUIDELINES DEVELOPMENT

European Dermatology Forum CHARITÉ March dEBM 2025

WORDING OF RECOMMENDATIONS

Strength	Wording	Symbols	Implications
<u>Strong</u> recommendation <u>for</u> the use of an intervention	'We recommend'	ተተ	We believe that all or almost all informed people would make that choice. Clinicians will have to spend less time on the process of decision-making, and may devote that time to overcome barriers to implementation and adherence. In most clinical situations, the recommendation may be adopted as a policy.
Weak recommendation for the use of an intervention	'We suggest'	↑	We believe that most informed people would make that choice, but a substantial number would not. Clinicians and health care providers will need to devote more time on the process of shared decision-making. Policy makers will have to involve many stakeholders and policy making requires substantial debate.
No recommendation with respect to an intervention	'We cannot make a recommendation with respect to'	0	At the moment, a recommendation in favour or against an intervention cannot be made due to certain reasons (e.g. no reliable evidence data available, conflicting outcomes, etc.)
Weak recommendation against the use of an intervention	'We suggest against'	Ŷ	We believe that most informed people would make a choice against that intervention, but a substantial number would not.
Strong recommendation against the use of an intervention	'We recommend against'	↓↓	We believe that all or almost all informed people would make a choice against that intervention. This recommendation can be adopted as a policy in most clinical situations.



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT

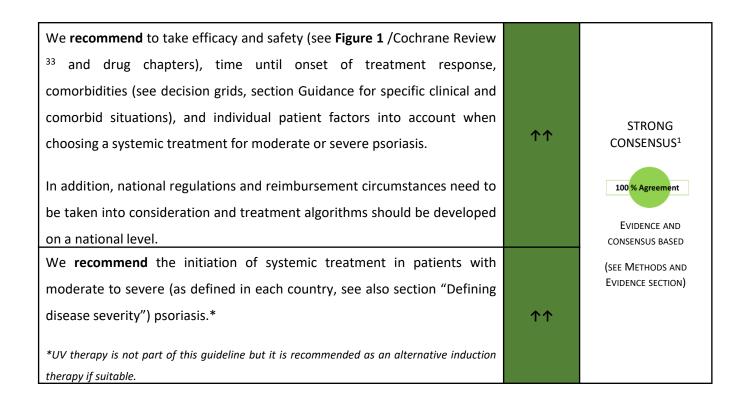


CHARITÉ

d EBM

March

INITIATION AND SELECTION OF A SYSTEMIC TREATMENT



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

INITIATION AND SELECTION OF A SYSTEMIC TREATMENT

For most patients who require systemic treatment, we recommend choosing a treatment from the group of the 'conventional systemic agents'.	↑ ↑	CONSENSUS ¹ 91%
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For cases of severe disease, we suggest following Figure 1 .	Ŷ	STRONG CONSENSUS ¹ 100 % Agreement
In cases of inadequate response, contra-indication or intolerability we recommend following Figure 1 .	ተተ	Evidence and consensus based (see Methods and Evidence section)



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

2025

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT

League table below: Short term (8-24 weeks), RR and 95% CI; RRs larger than 1 for the lower triangle and smaller than 1 for the upper triangle favour the treatment on the left. Certainty of evidence high (highlighted in green), moderate (in blue), low (in yellow) and very low (in red). Source: Sbidian et al. 2022

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Cochrane Review 'Systemic pharmacological treatments for chronic plaque psoriasis: a network meta-analysis (Review) ' by Emilie Sbidian and colleagues, May 2022, Figure 76

Justification	-									Serious	adverse	events										
All treatment options were found to be efficacious when	Number of participants (studies)	1693 (6)	1730 (4)	5775 (7)	2930 (8)	8459 (20)	313 (1)	4579 (5)	4467 (7)	11342 (16)	2217 (8)	267 (1)	5440 (11)	1323 (5)	8464 (14)	127 (1)	120 (1)	2676 (7)	213 (1)	1130 (2)	19	
compared to placebo.	1693 (6)	IFX	2.26 (0.81,6.33)	1.30 (0.57,2.97)	1.62 (0.69,3.76)	1.11 (0.50,2.45)	0.95 (0.16,5.50)	1.14 (0.47,2.78)	1.31 (0.58,2.95)	1.22 (0.55,2.71)	1.49 (0.52,4.28)	1.94 (0.18,20.45)	1.17 (0.51,2.67)	1.69 (0.57,5.01)	1.48 (0.66,3.33)	0.21 (0.01,4.01)	14.82 (1.5,143.4)	1.38 (0.56,3.44)	1.49 (0.06,38.93)	1.35 (0.45,4.07)	1.18 (0.57,2.43)	19 per 1000
Recommendations were drafted	2473 (5)	1.66 (0.68,4.03)	BIME	0.58 (0.25,1.31)	0.72 (0.31,1.63)	0.49 (0.23,1.07)	0.42 (0.07,2.44)	0.51 (0.21,1.22)	0.58 (0.26,1.29)	0.54 (0.25,1.15)	0.66 (0.23,1.91)	0.86 (0.08,9.07)	0.52 (0.24,1.11)	0.75 (0.25,2.23)	0.66 (0.29,1.49)	0.09 (0.00,1.78)	6.56 (0.68,63.61)	0.61 (0.24,1.53)	0.66 (0.03,17.25)	0.60 (0.20,1.81)	0.52 (0.25,1.09)	3 per 1000
along the line of drug licensing, taking practical aspect of	5775 (7)	1.66 (0.68,4.03)	1.00 (0.91,1.11)	IXE	1.24 (0.70,2.20)	0.85 (0.53,1.36)	0.73 (0.14,3.79)	0.88 (0.46,1.68)	1.00 (0.64,1.58)	0.94 (0.58,1.53)	1.14 (0.49,2.67)	1.49 (0.15,14.54)	0.90 (0.53,1.54)	1.30 (0.52,3.21)	1.14 (0.71,1.82)	0.16 (0.01,2.90)	11.39 (1.3,101.6)	1.06 (0.54,2.10)	1.14 (0.05,28.29)	1.04 (0.41,2.62)	0.91 (0.61,1.36)	16 per 1000
reimbursement into account.	2930 (8)	1.75 (0.72,4.24)	1.05 (0.95,1.17)	1.05 (0.94,1.18)	RISAN	0.69 (0.42,1.11)	0.59 (0.11,3.07)	0.71 (0.37,1.37)	0.81 (0.47,1.38)	0.76 (0.48,1.20)	0.92 (0.38,2.24)	1.20 (0.12,11.78)	0.72 (0.43,1.21)	1.04 (0.41,2.63)	0.92 (0.52,1.62)	0.13 (0.01,2.34)	9.17 (1.02,82.36)	0.86 (0.42,1.73)	0.92 (0.04,22.88)	0.84 (0.33,2.14)	0.73 (0.47,1.13)	10 per 1000
National societies may develop	9202 (21)	1.91 (0.79,4.63)	1.15 (1.08,1.23)	1.15 (1.06,1.25)	1.09 (1.00,1.20)	SECU	0.86 (0.17,4.31)	1.03 (0.57,1.86)	1.18 (0.82,1.69)	1.10 (0.75,1.61)	1.34 (0.58,3.09)	1.75 (0.18,16.83)	1.06 (0.66,1.69)	1.52 (0.63,3.65)	1.34 (0.83,2.15)	0.19 (0.01,3.36)	13.35 (1.5,117.6)	1.25 (0.66,2.36)	1.34 (0.05,32.88)	1.22 (0.50,2.98)	1.06 (0.77,1.47)	19 per 1000
different recommendations reflecting the national	313 (1)	1.96 (0.79,4.89)	1.18 (0.93,1.50)	1.18 (0.93,1.50)	1.12 (0.88,1.43)	1.03 (0.82,1.29)	SONELO	1.20 (0.22,6.46)	1.37 (0.27,7.06)	1.29 (0.25,6.56)	1.56 (0.26,9.27)	2.04 (0.13,32.09)	1.23 (0.24,6.40)	1.78 (0.30,10.71)	1.56 (0.30,8.09)	0.22 (0.01,5.85)	15.61 (1.1,227.9)	1.46 (0.27,7.93)	1.57 (0.04,55.24)	1.42 (0.23,8.64)	1.24 (0.25,6.16)	26 per 1000
reimbursement situation.	4579 (5)	2.08 {0.86,5.07}	1.26 (1.12,1.41)	1.25 (1.11,1.42)	1.19 (1.05,1.36)	1.09 {0.98,1.21}	1.06 (0.83,1.36)	BRODA	1.14 (0.61,2.14)	1.07 (0.61,1.87)	1.30 {0.51,3.30}	1.70 {0.17,16.90j	1.02 (0.54,1.95)	1.48 (0.56,3.87)	1.30 (0.68,2.46)	0.18 (0.01,3.35)	12.95 {1.4,118.3}	1.21 (0.57,2.58)	1.30 (0.05,32.69)	1.38 (0.44,3.14)	1.03 (0.62,1.73)	18 per 1000
Following the label, for most	4467 (7)	2.08 (0.86,5.05)	1.26 (1.16,1.36)	1.25 (1.16,1.35)	1.19 (1.08,1.32)	1.09 (1.02,1.16)	1.06 (0.84,1.34)	1.00 (0.89,1.12)	GUSEL	0.94 (0.59,1.48)	1.14 (0.48,2.68)	1.49 (0.15,14.44)	0.90 (0.56,1.44)	1.29 (0.53,3.18)	1.14 (0.68,1.89)	0.16 (0.01,2.88)	11.36 (1.3,101.0)	1.06 (0.54,2.07)	1.14 (0.05,28.14)	1.03 (0.41,2.59)	0.90 (0.62,1.33)	17 per 1000
patients a 'conventional' is considered as the first treatment	11063 (16)	2.66 (1.09,6.44)	1.60 (1.48,1.73)	1.60 (1.46,1.74)	1.52 (1.38,1.67)	1.39 (1.31,1.47)	1.35 (1.07,1.71)	1.28 (1.17,1.39)	1.28 (1.18,1.38)	USK	1.22 (0.53,2.82)	1.59 (0.16,15.33)	0.96 (0.59,1.56)	1.38 (0.57,3.33)	1.21 (0.75,1.96)	0.17 (0.01,3.06)	12.14 (1.4,107.1)	1.13 (0.59,2.16)	1.22 (0.05,29.92)	1.11 (0.45,2.72)	0.97 (0.69,1.36)	15 per 1000
option. Taking into consideration the higher efficacy of approved	2217 (3)	2.70 (1.09,6.73)	1.63 (1.26,2.10)	1.63 (1.27,2.08)	1.55 (1.19,2.01)	1.41 (1.10,1.81)	1.38 (0.98,1.93)	1.30 (1.00,1.69)	1.30 (1.01,1.67)	1.02 (0.79,1.31)	TILDRA	1.31 (0.12,14.02)	0.79 (0.33,1.89)	1.14 (0.37,3.50)	1.00 (0.46,2.18)	0.14 (0.01,2.74)	9.98 (1.01,98.41)	0.93 (0.36,2.41)	1.00 (0.04,26.56)	0.91 (0.29,2.85)	0.80 (0.36,1.74)	14 per 1000
European Medical Agency (EMA)	267 (1)	3.59 (0.42,30.37)	2.16 (0.31,15.30)	2.16 (0.31,15.26)	2.06 (0.29,14.54)	1.88 (0.27,13.26)	1.83 {0.26,13.10}	1.72 (0.24,12.19)	1.72 (0.24,12.18)	1.35 (0.19,9.55)	1.33 (0.19,9.50)	DEUCRAVA	0.60 (0.06,5.87)	0.87 (0.08,9.43)	0.76 (0.08,7.42)	0.11 (0.00,4.08)	7.63 (0.3,170.4)	0.71	0.77 (0.02,37.57)	0.70 (0.06,7.59)	0.61 (0.06,5.71)	10 per 1000
first label biologics, a "first line use" of biologics is considered in	5376 (10)	2.89 (1.19,7.03)	1.75 (1.59,1.91)	1.74 (1.57,1.93)	1.66 (1.50,1.83)	1.51 (1.39,1.65)	1.48 (1.16,1.88)	1.39 (1.22,1.58)	1.39 (1.29,1.50)	1.09 (0.99,1.20)	1.07 (0.83,1.38)	0.81 (0.11,5.70)	ADA	1.44 (0.58,3.56)	1.26 (0.73,2.18)	0.18 (0.01,3.21)	12.65 (1.4,112.7)	1.18 (0.60,2.33)	1.27 (0.05,31.39)	1.15 (0.46,2.90)	1.01 (0.68,1.50)	17 per 1000
patients with severe psoriasis. For the selection of a treatment	1323 (5)	3.77 (1.50,9.53)	2.28 (1.69,3.07)	2.27 (1.69,3.05)	2.16 (1.59,2.93)	1.98 (1.47,2.65)	1.93 (1.33,2.79)	1.81 (1.33,2.47)	1.81 (1.35,2.44)	1.42 (1.06,1.91)	1.40 (0.98,1.99)	1.05 (0.15,7.57)	1.30 (0.96,1.77)	CERTO	0.88 (0.36,2.14)	0.12 (0.01,2.43)	8.78 (0.88,87.57)	0.82	0.88 (0.03,23.55)	0.80 (0.25,2.56)	0.70 (0.31,1.58)	13 per 1000
among the 'conventionals', first line biologics and biologics /	9759 (16)	4.71 (1.94,11.44)	2.84 (2.50,3.22)	2.83 (2.54,3.16)	2.70 (2.35,3.10)	2.47 (2.20,2.76)	2.40 (1.87,3.10)	2.26 (1.96,2.61)	2.26 (2.01,2.54)	1.77 (1.58,1.99)	1.74 (1.39,2.18)	1.31 (0.19,9.29)	1.63 (1.43,1.86)	1.25 (0.95,1.65)	ETA	0.14 (0.01,2.54)	10.00 (1.12,89.10)	0.93 (0.49,1.80)	1.00 (0.04,24.82)	0.91 (0.36,2.29)	0.80 (0.54,1.18)	15 per 1000
small molecules in general, many	172 (2)	7.13 (1.08,47.09)	4.30 (0.80,23.11)	4.29 (0.80,23.05)	4.08 (0.76,21.96)	3.73 (0.69,20.03)	3.64 (0.67,19.82)	3.42 (0.64,18.42)	3.42 (0.64,18.39)	2.68 (0.50,14.42)	2.64 (0.48,14.37)	1.99 (0.15,25.89)	2.46 (0.46,13.24)	1.89 (0.34,10.37)	1.51 (0.28,8.14)	CICLO	71.47 (2.0,2585.3)	6.68 (0.4,124.4)	7.17 (0.1,522.0)	6.51 (0.3,129.5)	5.69 (0.3,100.6)	25 per 1000
different factors need to be taken into account (see also	388 (5)	7.20 (1.17,44.37)	4.34 (0.87,21.58)	4.33 (0.87,21.53)	4.12 (0.83,20.51)	3.77 (0.76,18.71)	3.67 (0.73,18.53)	3.46 (0.69,17.21)	3.46 (0.70,17.18)	2.71 (0.55,13.47)	2.66 (0.53,13.43)	2.01 (0.16,24.86)	2.49 (0.50,12.37)	1.91 (0.38,9.70)	1.53 (0.31,7.60)	1.01 (0.61,1.68)	MTX	0.09 (0.01,0.86)	0.30 (0.00,4.68)	0.09 (0.01,0.91)	0.08 (0.01,0.68)	7 per 1000
"specific treatment circumstances") and no clear hierarchy has been decided upon by the guideline group.	2113 (5)	6.53 (2.34,18.19)	3.94 (2.29,6.77)	3.93 (2.29,6.74)	3.74 (2.17,6.45)	3.42 (1.99,5.86)	3.33 (1.86,5.98)	3.14 (1.82,5.41)	3.14 (1.83,5.38)	2.46 (1.43,4.22)	2.42 (1.35,4.31)	1.82 (0.24,13.73)	2.26 (1.31,3.88)	1.73 (0.95,3.15)	1.39 (0.81,2.37)	0.92 (0.16,5.31)	0.91 (0.17,4.88)	APRE	1.07 (0.04,27.19)	0.98 (0.36,2.65)	0.85 (0.49,1.48)	15 per 1000
	333 (2)	11.18 (3.47,35.99)	6.74 (3.04,14.92)	6.72 (3.04,14.89)	6.40 (2.89,14.19)	5.85 (2.65,12.93)	5.70 (2.50,13.00)	5.37 (2.42,11.91)	5.37 (2.43,11.87)	4.21 (1.90,9.31)	4.13 (1.81.9.43)	3.11 (0.38.25.35)	3.86 (1.74,8.55)	2.96 (1.28,6.85)	2.37 (1.07,5.26)	1.57 (0.25,9.91)	1.55 (0.26,9.14)	1.71 (0.67,4.60)	NETA	0.91 (0.03,24.40)	0.79 (0.03,19.17)	26 per 1000
	764 (2)	11.52 (3.58,37.11)	6.95 (3.14,15.39)	6.93 (3.13,15.35)	6.60 (2.98,14.63)	6.03 (2.73,13.33)	5.88 (2.58,13.40)	5.53 (2.49,12.28)	5.53 (2.50,12.24)	4.34 (1.96,9.59)	4.26 (1.87,9.72)	3.21 (0.39,26.13)	3.98 (1.80,8.82)	3.05 (1.32,7.07)	2.45 (1.10,5.42)	1.62 (0.30,8.80)	1.60 (0.32,8.06)	1.76 (0.69,4.54)	1.03 (0.34,3.09)	FUM	0.87 (0.38,2.01)	17 per 1000
	7	50.19 (20.9,120.5)	30.27 (25.5,36.0)	30.19 (25.4,35.9)	28.75 (24.0,34.4)	26.26 (22.3,31.0)	25.60 (19.4,33.9)	24.10 (20.1,29.0)	24.11 (20.4,28.5)	18.90 (16.0,22.3)	18.57 (14.0,24.6)	13.99 (1.99,98.10)	17.35 (14.6,20.6)	13.30 (9.65,18.32)	10.65 (8.89,12.77)	7.04 (1.32,37.50)	6.97 (1.42,34.34)	7.69 (4.48,13.18)	4.49 (2.07,9.76)	4.36 (2.01,9.46)	РВО	26 per 1000 Anticipated
		443 per 1000	880 per 1000	422 per 1000	415 per 1000	360 per 1000	210 per 1000	329 per 1000	388 per 1000	258 per 1000	and the second	100017780000	267 per 1000	182 per 1000	146 per 1000	148 per 1000	147 per 1000	110 per 1000	123 per 1000	SS per 1000	25 per 1000	absolute effects
											PAS	51 90										

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



EUROPEAN **CENTRE FOR** GUIDELINES DEVELOPMENT

European Dermatology CHARITÉ Forum

March

2025

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OVERVIEW OF TREATMENT OPTIONS AND THE EXPERT ASSESSMENT OF THEIR SUITABILITY IN SPECIFIC TREATMENT CIRCUMSTANCES

Symbols	Implications					
ተተ	We believe that all or almost all informed people would make that choice.					
★ We believe that most informed people would make that choice, bu a substantial number would not.						
	See background text and specific recommendations					
¥	We believe that most informed people would make a choice against that intervention, but a substantial number would not.					
$\downarrow\downarrow$	We believe that all or almost all informed people would make a choice against that choice.					

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



EUROPEAN TRE FOR GUIDELINES DEVELOPMENT



CHARITÉ March 2025

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OVERVIEW OF TREATMENT OPTIONS AND THE EXPERT ASSESSMENT OF THEIR SUITABILITY IN SPECIFIC TREATMENT CIRCUMSTANCES

Therapy		Conventional of	actomio paceto					tof in	hibitors		anti-IL12/23			i-IL17			anti-IL23	
		Conventional s	systemic agents					thir in	motors		anti-illizii23		anti					
Specific circumstances	Acitretin	Ciclosporin	Fumarates	Methotrexate	Apremilast	Deucravacitin	Banencept	Infliximab	Adalimumab	Certoliz umab	Ustekinumab	Secukinumab	lxekizumab	Brodalumab	Bimekiz umab	Guselkumab	Tildrakiz umab	Risankiz umab
Concomitant psoriatic arthritis				first line peripheral active joint involvement	t					tt					has been approved for PsA 06/23, evaluation pending	Ħ		tt
Chronic inflammatory bowel disease: Crohn's Disease	† especially cases with mild paradoxical psoriasis			† 2nd choice oral treatment					1 1st o	† hoice				l		2nd cho	† ice if TNFi no	t suitable
Chronic inflammatory bowel disease: Ulcerative colitis	† especially cases with mild paradoxical psoriasis	† 2nd choice oral treatment			† 2nd choice oral treatment				tt choice		†† 1st choice			ļ		2nd cho	† ice if TNFi no	t suitable
Diabetes mel.ł metabolic syndrome		consider alternatives		consider alternatives														
Dyslipidaemia	Ļ																	
Advanced heart failure	t	Ļ		t	t				11				t				t	
Heart Disease: Ischemic heart disease	1	l		t							t							
Concomitant latent / treated TB	t		t		t				11				I	t			t	
Pregnancy	Ш	† preferred conventional	Ļ	11	Ļ	ļ				†† preferred choice biologic								

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



How should psoriasis patients with concomitant psoriatic arthritis be managed?

We recommend interdisciplinary cooperation with a rheumatologist for the confirmation of the diagnosis of psoriatic arthritis and the selection of a suitable treatment whenever needed.	ተተ	STRONG CONSENSUS ¹
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Treatment initiation

		STRONG CONSENSUS
We recommend starting treatment early to prevent progression of disease and erosive destruction of joints.	$\uparrow\uparrow$	100 % Agreement
		EXPERT CONSENSUS



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



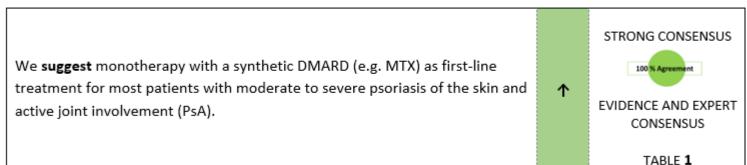
March

2025

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT

How should psoriasis patients with concomitant psoriatic arthritis be managed?

Conventional synthetic DMARDs (e.g., MTX)



Biological DMARDs

For patients with an inadequate response after at least one synthetic DMARD, we recommend using a biological DMARD as monotherapy or in combination with a synthetic DMARD. In cases of severe active joint involvement (PsA) where a sufficient response cannot be expected with the use of a conventional treatment, we recommend using a biologic as first-line therapy.	ተተ	STRONG CONSENSUS
When choosing a bDMARD for patients with moderate to severe psoriasis of the skin and active joint involvement (PsA), we recommend taking into account aspects of efficacy with regard to skin and the joints, comorbidity, practicability and safety.	ተተ	STRONG CONSENSUS



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



How should psoriasis patients with concomitant psoriatic arthritis **BE MANAGED?**

Small molecules

We suggest using apremilast for patients with moderate to severe psoriasis of the skin and active joint involvement (PsA) if an oral treatment is desired or if other systemic agents have led to an inadequate response or if they are contraindicated or not tolerated.



Axial spondyloarthritis

We suggest using TNFi or IL-17 antagonists for patients with moderate to severe psoriasis of the skin and concomitant PsA manifestation in the form of \mathbf{T} axial involvement or enthesitis.





EUROPEAN GUIDELINES DEVELOPMENT



		s achieving ARC20 2-24 weeks)	Patients	with at least one	adverse event
	RR	95% CI	Certainty Evidence (GRADE)	RR	95% CI	Certainty Evidence (GRADE)
Head-to-head comparisons:						
ADA 40 mg Q2W+ MTX 15 mg p.o./s.c. QW vs. MTX up to 20-25 mg p.o./s.c. or highest tolerable dose QW	2.06	1.55 to 2.73	LOW	1.08	0.88 to 1.32	VERY LOW
ADA 40mg EOW (1) vs. SEC 300mg LD then Q4W	0.92	0.82 to 1.02	MODERATE	1.02	0.95 to 1.10	MODERATE
APR vs. MTX (no dosage given)	0.83	0.42 to 1.66	VERY LOW	0.53	0.16 to 1.76	VERY LOW
ETA 50mg QW + MTX up to 20mg QW vs. MTX up to 20mg QW	1.28	1.11 to 1.48	LOW	1.01	0.92 to 1.11	MODERATE
INF 5mg/kg_w0, 2, 6, 14 + MTX 15mg QW vs. MTX 15mg/ QW	1.40	1.07 to 1.84	VERY LOW	1.65	1.08 to 2.52	VERY LOW
IXE 80mg Q2W (LD 160mg w0) vs. ADA 40mg EOW (1)	1.08	0.86 to 1.36	LOW	1.02*	0.83 to 1.25	MODERATE
Placebo comparisons:						
ADA 40mg EOW (2)	2.08	1.52 to 2.86	MODERATE	1.07	0.83 to 1.39	MODERATE
APR 30mg BID	2.01	1.69 to 2.40	MODERATE	1.24	1.12 to 1.36	LOW
CZP 400mg LD then 200mg Q2W	2.71	1.95 to 3.76	MODERATE	1.01*	0.86 to 1.19	MODERATE
CZP 400mg LD then 400mg Q4W (3)	2.36	1.68 to 3.31	MODERATE	1.05*	0.90 to 1.23	MODERATE
ETA 25mg BIW	5.47	3.27 to 9.16	LOW	no data		
GUS 100mg LD then Q8W (4)	2.13	1.82 to 2.50	HIGH	0.99	0.87 to 1.13	HIGH
INF 5mg/kg w0, 2, 6, 14	4.38	2.24 to 8.56	MODERATE	1.13	0.87 to 1.47	LOW
IXE 80mg Q2W (LD160mg w0)	2.21	1.71 to 2.86	MODERATE	1.39*	1.09 to 1.78	LOW
MTX 7.5mg to 10mg to 15mg	1.82	0.97 to 3.40	LOW	no data		
RZB 150mg w0, 4, 16	1.76	1.56 to 2.00	HIGH	1.03*	0.92 to 1.15	HIGH
SEC 300mg + LD vs. PBO (ACR20 w16-24)	2.55	2.09 to 3.10	MODERATE	1.01	0.91 to 1.11	MODERATE
SEC 300mg + LD vs. PBO (ACR20 w12)	2.74	1.93 to 3.89	MODERATE	0.83	0.65 to 1.06	LOW
UST 45mg	1.95	1.52 to 2.50	HIGH	no data		
UST 90mg (5)	2.26	1.80 to 2.82	MODERATE	0.96	0.75 to 1.24	VERY LOW

1 - 80mg LD only for pts. with moderate-to-severe PsO

2 - No LD of 80mg (this would be the case for PsO)

3 - For psoriasis vulgaris, 400mg Q2W can also be considered

4 - For patients at high risk of joint damage according to clinical judgement, a dose of 100 mg every 4 weeks may be considered (SMPc)
5- For Pso patient with >=100kg (dosis not licensed for PsA); one study reported induction dose of QW (weeks 0-3).
*treatment emergent adverse events



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



How should psoriasis patients be managed with concomitant inflammatory bowel disease (last update: 10/2021)?

We recommend working in collaboration with the treating gastroenterologist when prescribing a systemic	$\uparrow \uparrow$	
therapy in psoriasis patients with concomitant chronic inflammatory bowel disease.		
In patients with psoriasis and active IBD or a history of IBD, we recommend to preferentially use approved		
targeted therapies with a documented efficacy in these conditions:		
Crohn's disease: TNFi (infliximab, adalimumab, certolizumab) and anti-IL-12/23p40 (ustekinumab).	↑ ↑	
Ulcerative colitis: TNFi (infliximab, adalimumab) and anti-IL-12/23p40 (ustekinumab).		
If these first-choice treatments cannot be used, we suggest the following treatments to be considered as		
second choice targeted treatment options in patients with psoriasis and IBD:		STRONG CONSENSUS ¹
Crohn's disease: Anti-IL-23p19 (preferred risankizumab, guselkumab; also possible: tildrakizumab)	1	100 % Agreement
Ulcerative colitis: Anti-IL-23p19 (preferred risankizumab, guselkumab; also possible: tildrakizumab)		
If these first-choice treatments cannot be used, we suggest the following treatments to be considered as		EXPERT CONSENSUS
second choice oral treatment options in patients with psoriasis and IBD		
Crohn's disease: Methotrexate	1	
Active ulcerative colitis: Ciclosporine (preferred), apremilast (also possible)		
In combination with other treatments, we suggest acitretin as an adjunct therapy for patients with IBD and	\uparrow	
psoriasis, especially in cases with mild paradoxical psoriasis		
We suggest against the use of anti IL 17 antibodies in patients with inflammatory bowel disease.	\checkmark	

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

How should psoriasis patients be managed with concomitant inflammatory bowel disease (last update: 10/2021)?

Therapy		Conventional systemic agents							
Specific circumstances	Acitretin	Ciclosporin	Fumarates	Methotrexate					
Chronic inflammatory bowel disease: Crohn's Disease	↑ especially cases with mild paradoxical psoriasis			↑ 2nd choice oral treatment					
Chronic inflammatory bowel disease: Ulcerative colitis	↑ especially cases with mild paradoxical psoriasis	↑ 2nd choice oral treatment							

Therapy	Therapy		tnf inhibitors		anti-IL12/23	anti-IL12/23 anti-IL17		anti-IL23						
Specific circumstances	Apremilast	Deucravacitinib	Etanercept	Infliximab	Adalimumab	Certolizumab	Ustekinumab	Secukinumab	lxekizumab	Brodalumab	Bimekizumab	Guselkumab	Tildrakizumab	Risankizumab
Chronic inflammatory bowel disease: Crohn's Disease					↑ 1st c	↑ hoice			۲	ŀ		2nd cho	↑ ice if TNFi not	suitable
Chronic inflammatory bowel disease: Ulcerative colitis	↑ 2nd choice oral treatment			↑ 1st cł			↑↑ 1st choice		٢	L		2nd cho	↑ ice if TNFi not	suitable

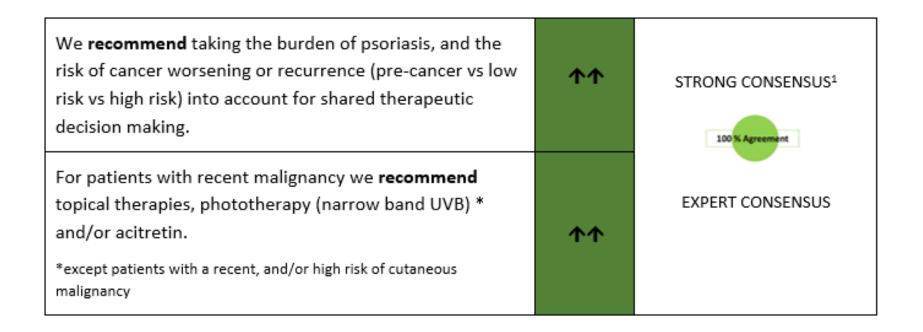
EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT European Dermatology Forum

March

How should psoriasis patients with a history of malignancies be managed?



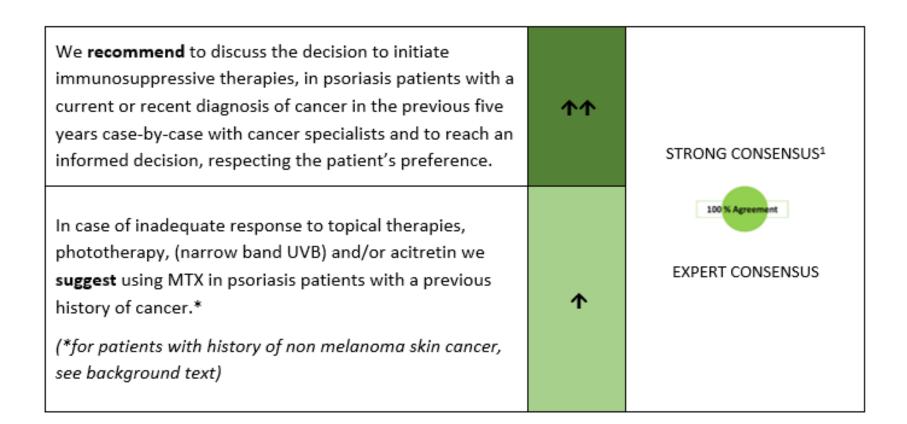


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March

How should psoriasis patients with a history of malignancies be managed?

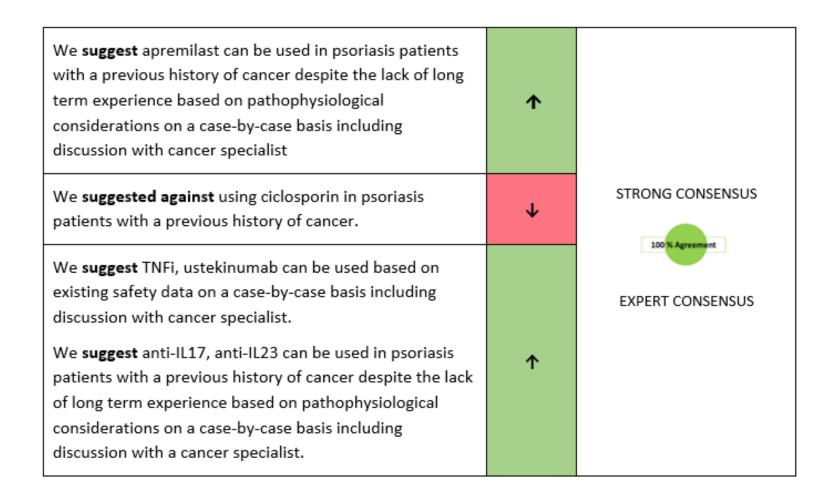




EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



How should psoriasis patients with a history of malignancies be managed?



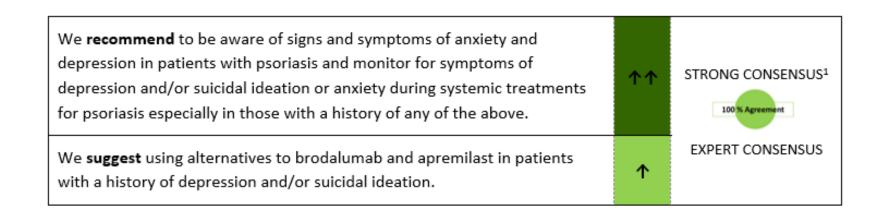


EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

How should psoriasis patients with a history of depression AND/OR SUICIDAL IDEATION BE MANAGED?





EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

2025

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT

How should psoriasis patients with diabetes mellitus be managed?

We suggest considering alternatives to methotrexate in people with type 2 diabetes (if accompanied by metabolic syndrome and/or evidence of liver damage) when alternative treatments can be prescribed.	↑	STRONG CONSENSUS ¹
We suggest considering alternatives to ciclosporine in people with type 2 diabetes (if accompanied by metabolic syndrome and/or evidence of liver damage) when alternative treatments can be prescribed.	↑	STRONG CONSENSUS ¹
We suggest against using acitretin as a first line treatment in patients with dyslipidaemia.	¥	STRONG CONSENSUS ²

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT

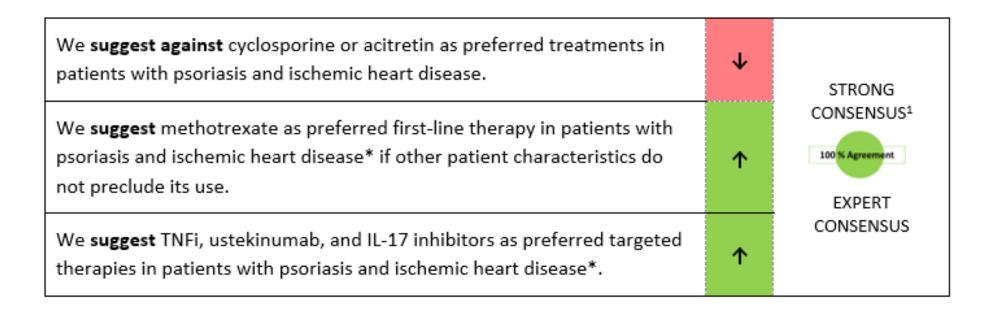


EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March 2025

HEART DISEASE: HOW SHOULD PSORIASIS PATIENTS WITH ISCHAEMIC HEART DISEASE AND/OR CONGESTIVE HEART FAILURE BE MANAGED?





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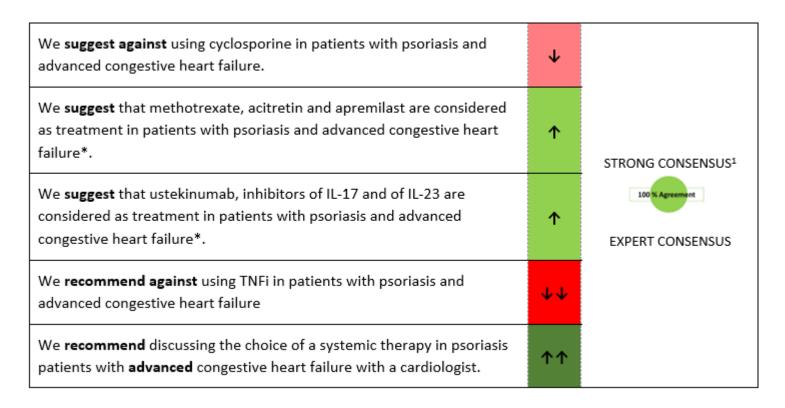


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March

HEART DISEASE: HOW SHOULD PSORIASIS PATIENTS WITH ISCHAEMIC HEART DISEASE AND/OR CONGESTIVE HEART FAILURE BE MANAGED?



Heart failure (HF) is a clinical syndrome characterized by typical symptoms (e.g. breathlessness, ankle swelling and fatigue) that may be accompanied by signs (e.g. elevated jugular venous pressure, pulmonary crackles and peripheral oedema) caused by a structural and/or functional cardiac abnormality, resulting in a reduced cardiac output and/or elevated intracardiac pressures at rest or during stress.



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT

European

Forum

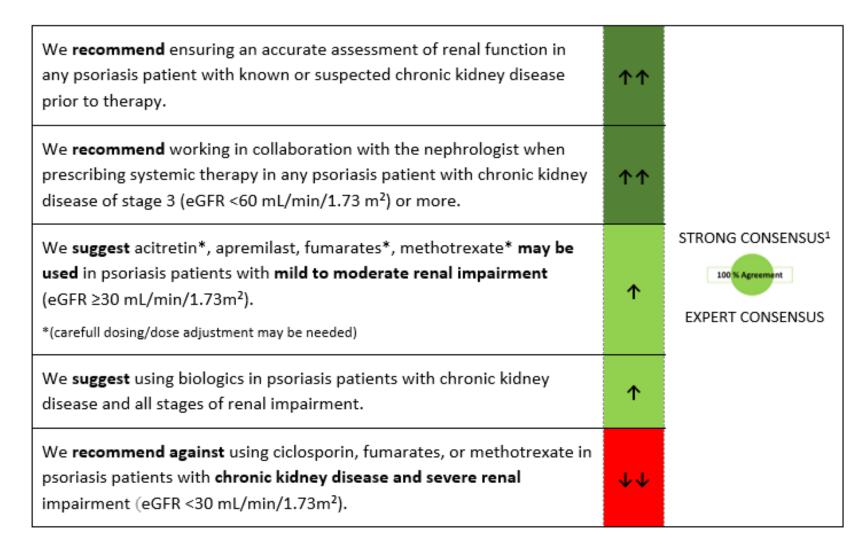
Dermatology

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How should psoriasis patients with kidney failure / renal IMPAIRMENT BE MANAGED?





EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

WHICH TREATMENTS ARE APPROPRIATE FOR PSORIASIS PATIENTS WITH NEUROLOGICAL DISEASES?

We suggest using fumarates in psoriasis patients with multiple sclerosis.	↑	
We recommend against using TNFi therapy in psoriasis patients with a diagnosis of multiple sclerosis or other demyelinating disease.	**	STRONG CONSENSUS ¹
In psoriasis patients with a first-degree relative with multiple sclerosis or other demyelinating disease, we suggest against the use of TNFi therapy if other suitable treatment options are available.	¥	EXPERT CONSENSUS



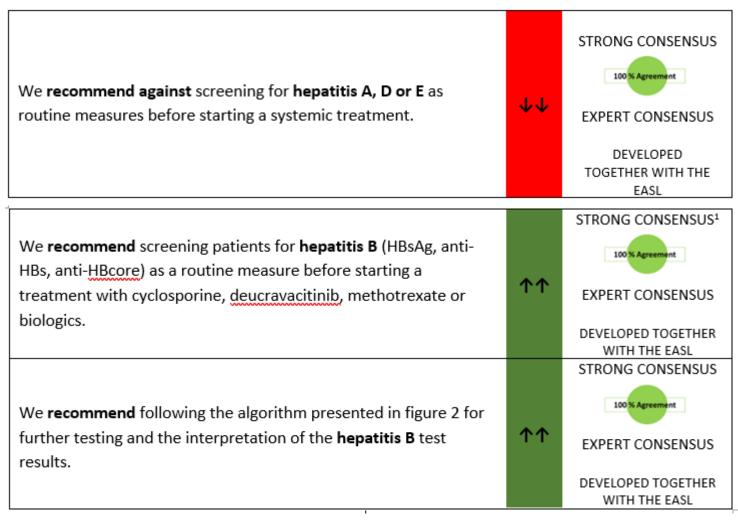
EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

WHEN AND HOW SHOULD PSORIASIS PATIENTS BE SCREENED FOR VIRAL HEPATITIS AND HOW SHOULD PATIENTS WHO TEST POSITIVE BE MANAGED?

a. Screening



EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



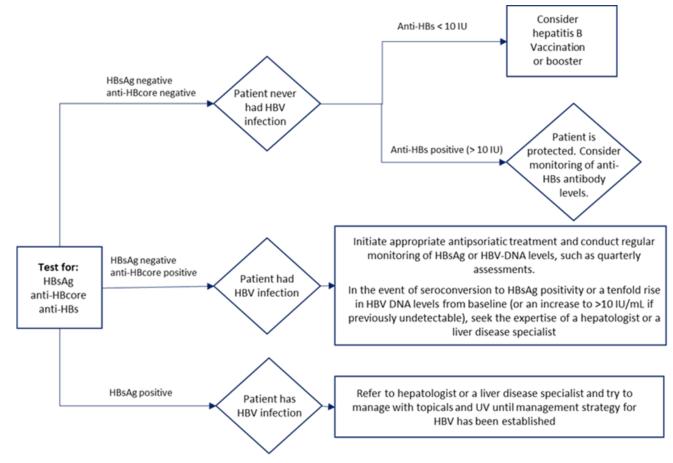
EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

WHEN AND HOW SHOULD PSORIASIS PATIENTS BE SCREENED FOR VIRAL HEPATITIS AND HOW SHOULD PATIENTS WHO TEST POSITIVE BE MANAGED?

Figure 2: Algorithm for the interpretation of the hepatitis B test results



List of abbreviations: Anti-Hbcore: Antibody to hepatitis B core antigen; Anti-HBs: Hepatitis B surface antibody; HBsAg: Hepatitis B surface antigen; HBV: Hepatitis B Virus

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

When and how should psoriasis patients be screened for viral HEPATITIS AND HOW SHOULD PATIENTS WHO TEST POSITIVE BE MANAGED?

a. Screening

		STRONG CONSENSUS ¹
We recommend screening patients for hepatitis C as a routine		100 % Agreement
measure before starting a treatment with methotrexate, deucravacitinib or biologics.	$\uparrow \uparrow$	EXPERT CONSENSUS
		DEVELOPED TOGETHER
		WITH THE EASL
		STRONG CONSENSUS
In case of positive findings for anti-HCV antibodies, we recommend testing for HCV RNA.		100 % Agreement
In case of positive HCV RNA, we recommend referral to a	$\uparrow \uparrow$	EXPERT CONSENSUS
hepatologist/ liver expert for treatment/management.		DEVELOPED TOGETHER
		WITH THE EASL





EUROPEAN GUIDELINES DEVELOPMENT



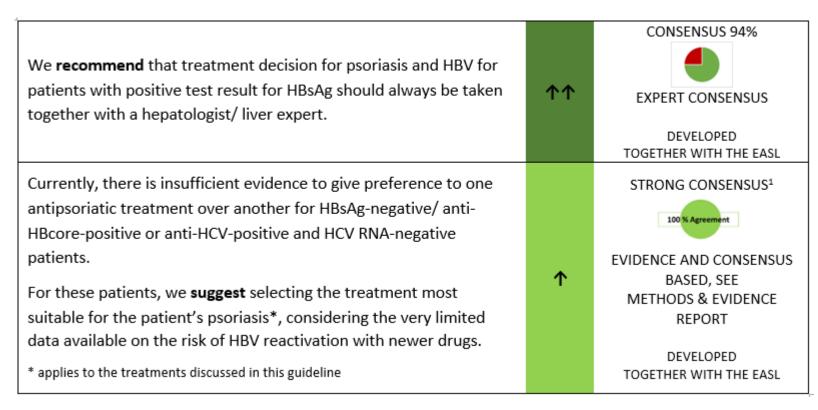
March

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EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT

WHEN AND HOW SHOULD PSORIASIS PATIENTS BE SCREENED FOR VIRAL HEPATITIS AND HOW SHOULD PATIENTS WHO TEST POSITIVE BE MANAGED?

b. Choice of treatment





EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

WHEN AND HOW SHOULD PSORIASIS PATIENTS BE SCREENED FOR VIRAL HEPATITIS AND HOW SHOULD PATIENTS WHO TEST POSITIVE BE MANAGED?

c. Monitoring for reactivation during treatment

		STRONG CONSENSUS
To monitor for the reactivation of viral hepatitis in patients who are HBsAg-negative/anti-HBcore positive, we recommend regular testing for HBsAg and/or HBV-DNA (e.g. every 3 months) during systemic treatment.	ተተ	100 % Agreement EXPERT CONSENSUS DEVELOPED TOGETHER WITH THE EASL
We recommend recording all treatment initiations and follow up visits of psoriasis patients with concomitant HBV or HCV cases in drug registries.	ተተ	STRONG CONSENSUS



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

How to screen for tuberculosis before and during systemic treatment?

We recommend to do tuberculosis screening according to local regulations.	ተተ	
For pre-screening, we recommend anamnesis including tuberculosis history; a chest X-ray; TST and/or IGRA.	ተተ	STRONG CONSENSUS ¹
We recommend remaining alert to the possibility of tuberculosis infection during therapy. This includes taking medical history and might include tuberculosis testing.	ተተ	



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



How to screen for tuberculosis before and during systemic treatment?

Diagnostic for TB, regardless Bacillus Calmette-Guérin (BCG) vaccination, prior to and during follow up with biologic. One must be alert for TB infections before, during biologic treatment and up to six months after discontinuation. During treatment, rescreening for LTBI is recommended and frequency should be based on patient history and risk of exposure.

- 1. Patient history:
 - Symptoms suspicious for TB
 - History of TB, adequate treatment
 - Exposure to TB
 - Origin from or recently stayed for a long time in an endemic area
 - High risk patient
 - BCG vaccination
- 1. Physical examination, to consider:
 - Auscultation of the lungs if symptomatic (not-specific for TB diagnosis)
 - Scar (left) upper arm (may indicate a BCG vaccination)
 - Enlarged lymph nodes, abscess scars
- 1. Chest X-ray: If a chest X-ray has been conducted **in the past**, the decision to repeat the X-ray should be based on the psoriasis treatment selected, time since the last x-ray, the patient's risk profile, potential exposure or local guidelines.
 - Suspicious for active, LTBI or history of TB?
 - ightarrow consult pulmonologist if abnormalities
- 1. TST* and/or IGRA
 - If IGRA and TST are both performed, the IGRA can best be drawn right after the TST is assessed. If drawing is done more than three days after the TST, the TST can booster the IGRA and result in a false-positive response.
 - The recommendation to perform IGRA testing rather than TST testing is strong for those who have received the BCG vaccination.





EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



How to screen for tuberculosis before and during systemic treatment?

Physicians have to be aware that there is still a risk of active tuberculosis under biologic therapy, even if LTBI was correctly treated. Therefore, rescreening on LTBI is preferable during biologic treatment. The frequency should take risk exposure into consideration. Besides medical history, both TST and IGRA are recommended, because of the influence that the biologic may have (false-negative) on these tests. A high index of suspicion should also be maintained for six months following discontinuation.



UROPEAN ENTRE FOR UIDELINES EVELOPMENT





HOW TO MANAGE PSORIASIS IN PATIENTS WITH POSITIVE INTERFERON GAMMA RELEASE ASSAY (IGRA) RESULTS?

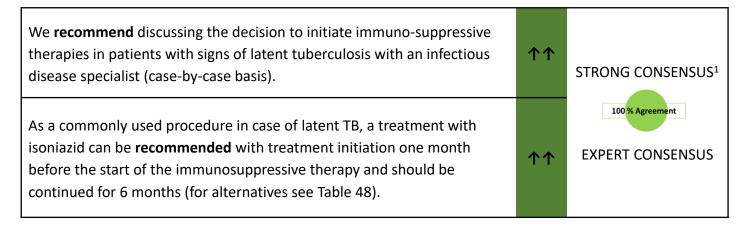


Table 48: Therapeutic regimens for LTBI

Drug	Dose	Treatment duration
INH alone (daily)	5 mg/kg; max dose: 300 mg	6-9 months
RIF alone (daily)	10mg/kg; max dose: 600 mg	3-4 months
INH + RIF (daily)	INH: 5 mg/kg; max dose: 300 mg RIF: 10mg/kg; max dose: 600 mg	3-4 months

INH = Isoniazide; RIF Rifampicin, Treatments with pyrazinamide should be avoided (high risk of hepatotoxicity). Based on WHO: Latent tuberculosis infection: updated and consolidated guidelines for programmatic management, 2018.



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

HOW TO MANAGE PSORIASIS IN PATIENTS WITH POSITIVE INTERFERON GAMMA RELEASE ASSAY (IGRA) RESULTS?

Systemic t	reatments	Screening recommendation as provided in SmPC	Comments
	Acitretin	No	No cases of reactivation have been reported ¹⁹
Conventional	Ciclosporin	No	Cases have been reported in organ transplant patients with high doses of CsA ¹⁹
systemic agents	Fumarates	No	No cases of reactivation have been reported 20,21
	Methotrexate	Yes	Cases of reactivation have been reported ²²
Phospho-diesterase 4 inhibitor	Apremilast	No	Increased risk has not been reported ²³
Tyrosine-kinase 2 inhibitor	Deucravacitinib	Yes	Uncertain risk of reactivation. No data available yet.
	Etanercept	Yes	Increased risk of reactivation has been reported 24,25
	Infliximab	Yes	Increased risk of reactivation has been reported 24,25
TNFi	Adalimumab	Yes	Increased risk of reactivation has been reported 24,25
	Certolizumab	Yes	Increased risk of reactivation has been reported 19,24
Anti-IL 12/23	Ustekinumab	Yes	Uncertain risk of reactivation (cases have been reported) ^{19,26,27}
	Secukinumab	Yes	Increased risk has not been reported in clinical trials ^{26,28}
Anti-IL 17	Ixekizumab	Yes	Increased risk has not been reported in clinical trials ²⁶
	Brodalumab	Yes	Increased risk has not been reported in clinical trials ²⁶
	Guselkumab	Yes	Increased risk has not been reported in clinical trials 29
Anti-IL 23	Tildrakizumab	Yes	Increased risk has not been reported in clinical trials ³⁰
	Risankizumab	Yes	Increased risk has not been reported in clinical trials ³¹

Reported cases need to be seen in correlation to approval date, especially with years and numbers of psoriasis patients exposed to the drug.



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

HOW TO MANAGE PSORIASIS IN PATIENTS WITH POSITIVE INTERFERON GAMMA RELEASE ASSAY (IGRA) RESULTS?

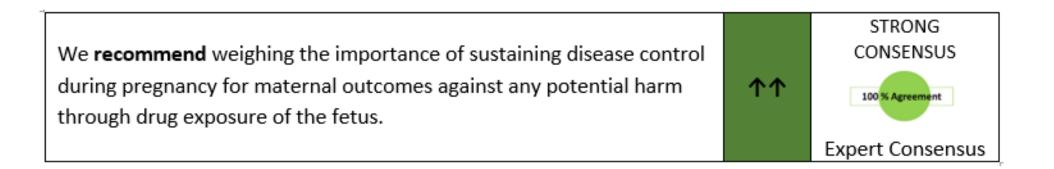
We recommend against TNFi as a treatment for patients with latent TB unless there are no other suitable treatment options.	**	
We recommend remaining alert to signs and symptoms of tuberculosis activation or re-infection during therapy.	$\uparrow\uparrow$	STRONG CONSENSUS ¹
We suggest acitretin, apremilast or fumarates or a treatment from the anti-IL-17 and anti-IL-23 group for patients with latent TB that require a systemic antipsoriatic treatment.	Ŷ	EXPERT CONSENSUS



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



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We suggest ciclosporin as a first line convention agent in women planning conception and when it is necessary to start systemic therapy during the 2 nd and 3 rd trimester of pregnancy.	Ŷ	STRONG CONSENSUS 100 S Agreement EXPERT CONSENSUS
Methotrexate and acitretin are contra-indicated in women planning conception. We recommend against using these.	$\downarrow\downarrow$	STRONG CONSENSUS 100% Agreement EXPERT CONSENSUS
Fumarates, apremilast and deucravacitinib are contra-indicated in women planning conception. We suggest against using these.	Ŷ	STRONG CONSENSUS 100 % Agreement EXPERT CONSENSUS
We recommend consultation and information sharing across specialties, including with an obstetrician with expertise in caring for pregnant women with medical problems.	ተተ	STRONG CONSENSUS 100% Agreement EXPERT CONSENSUS
We recommend the collection of maternal exposure to medications and pregnancy outcome data in national safety registries where available.	ተተ	STRONG CONSENSUS 100 ⁵⁵ Agreement EXPERT CONSENSUS

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

4		
We recommend certolizumab pegol as a first line choice when starting biologic therapy in women planning conception (when a biologic is considered essential to use in pregnancy) and when it is necessary to start a systemic therapy during the second or third trimester.	$\uparrow\uparrow$	STRONG CONSENSUS
We suggest stopping biologic therapy in the second and third trimester (except certolizumab pegol) to minimise fetal exposure and limit potential infection risk to the neonate.	↑	STRONG CONSENSUS
We recommend against using live or live attenuated vaccines in infants whose mothers received biologic therapy beyond 16 weeks gestation, unless the benefit of the vaccination clearly outweighs the theoretical risk of administration. (Refers to infants up to 6 months of age, or 12 months if there is maternal exposure to infliximab.)	+ +	STRONG CONSENSUS

EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

We recommend consultation and information sharing across specialties, including with an obstetrician with expertise in caring for pregnant women with medical problems.	$\uparrow\uparrow$	STRONG CONSENSUS
		EXPERT CONSENSUS
We recommend the collection of maternal exposure to medications and pregnancy outcome data in national safety registries where available.	$\uparrow \uparrow$	STRONG CONSENSUS
		EXPERT CONSENSUS



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



March

PATERNAL USE

For male patients, be aware that EMA guidance recommends discontinuing methotrexate for three months before attempting conception.	State ment	STRONG CONSENSUS 100 X Agreement EXPERT CONSENSUS*
As a precaution, it is suggested that men taking acitretin use barrier forms of contraception post-conception to limit exposure via direct contact with semen during pregnancy.	Ť	STRONG CONSENSUS 100 X Agreement EXPERT CONSENSUS**
We recommend the collection of paternal exposure to medications during conception and pregnancy outcome data in national safety registries where available.	ተተ	STRONG CONSENSUS 100 S Agreement EXPERT CONSENSUS**
We suggest that men may continue biologic therapy when planning conception.	↑	STRONG CONSENSUS 100 ^{°S} Agreement EXPERT CONSENSUS**



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT

OVERVIEW OF TREATMENT OPTIONS AND THE EXPERT ASSESSMENT OF THEIR SUITABILITY IN SPECIFIC TREATMENT CIRCUMSTANCES

Symbols	Implications								
ተተ	We believe that all or almost all informed people would make that choice.								
Ŷ	We believe that most informed people would make that choice, bu a substantial number would not.								
	See background text and specific recommendations								
¥	We believe that most informed people would make a choice against that intervention, but a substantial number would not.								
$\downarrow\downarrow$	We believe that all or almost all informed people would make a choice against that choice.								

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



EUROPEAN TRE FOR GUIDELINES DEVELOPMENT



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OVERVIEW OF TREATMENT OPTIONS AND THE EXPERT ASSESSMENT OF THEIR

SUITABILITY IN SPECIFIC TREATMENT CIRCUMSTANCES

Therapy		Convertional analysis analysis											anti-IL17						
	Conventional systemic agents						tnf inhibitors			anti-IL12/23 anti			-11.17		anti-IL23				
Specific circumstances	Acitratin	Ciclosporin	Fumarates	Methotrexate	Apremilast	Deucravacitin	Banercept	Infliximab	Adalimumab	Certoliz umab	Ustekinumab	Secukinumab	lxekizumab	Brodalumab	Bimekizumab	Guselkumab	Tildrakiz umab	Risankiz umab	
Concomitant psoriatic arthritis				† first line peripheral active joint involvement	t					tt					has been approved for PsA 06/23, evaluation pending	Ħ		tt	
Chronic inflammatory bowel disease: Crohn's Disease	† especially cases with mild paradoxical psoriasis	with mild 2nd choice oral paradoxical treatment							11 1st choice			i				† 2nd choice if TNFi not suitable			
Chronic inflammatory bowel disease: Ulcerative colitis	† especially cases with mild paradoxical psoriasis	† 2nd choice oral treatment			† 2nd choice oral treatment				† hoice		11 1st choice			1			↑ 2nd choice if TNFi not suitable		
Diabetes mel.ł metabolic syndrome		consider alternatives		consider alternatives															
Dyslipidaemia	Ļ																		
Advanced heart failure	t	Ļ		t	t			н				T				T			
Heart Disease: Ischemic heart disease	1			t				t											
Concomitant latent / treated TB	t		t		t				ц			t		t			t		
Pregnancy	11	† preferred conventional	ł	11	l	ļ				†† preferred choice biologic									

EUROGUIDERM GUIDELINE FOR THE TREATMENT OF PSORIASIS VULGARIS. SYSTEMIC TREATMENT



EUROPEAN CENTRE FOR GUIDELINES DEVELOPMENT



CHARITÉ March dEBM 2025