

DLQI guidelines, registries and reimbursement guidelines

The following list gives details of national and international guidelines, registries and reimbursement guidelines. We would welcome any information concerning other guidelines and registries that could be added to this list. Please contact dermqol@cf.ac.uk

Argentina

Guidelines:

Sociedad Latinoamericana de Psoriasis. Consenso Latinoamericano de Psoriasis, Guías de Tratamiento. Actualización 2009. *Dermatol Argent* 2010; **16** (Suppl 1). Available at: <http://www.dermatolarg.org.ar/index.php/dermatolarg/article/view/786/390>

Australia

Guidelines:

Baker C, Mack A, Cooper A, Fischer G, Shumack S, Sidhu S, Soyer P, Wu J, Chan J, Nash P, Rawlin M, Radulski B, Foley P. Treatment goals for moderate to severe psoriasis: An Australian consensus. *Australas J Dermatol*. 2013; 54: 148-154.

ACD Consensus Statement on treatment goals for psoriasis <https://www.dermcoll.edu.au/wp-content/uploads/ACD-Consensus-Statement-Treatment-goals-for-psoriasis-March-2017.pdf>

Registry:

Australasian Psoriasis Registry <https://www.skincancer.asn.au/page/162/australasian-psoriasis-registry>.

Norris D, Photiou L, Tacey M, Dolianitis C, Varigos G, Foley P, Baker C. Biologics and dermatology life quality index (**DLQI**) in the Australasian psoriasis population. *J Dermatolog Treat*. 2017 Dec;28(8):731-736

Belgium

Guidelines:

Grine L, de la Brassinne M, Ghislain PD, Hillary T, Lambert J, Segaert S, Willaert F, Lambert J; Belgian Psoriasis T2T Specialist Group. A Belgian Consensus On The Definition Of A Treat-To-Target Outcome Set In Psoriasis Management, *J Eur Acad Dermatol Venereol*. 2019 Nov 20

Brazil

Guidelines:

Arnone M, Takahashi MDF, Esteves de Carvalho AV, Bernardo WM, Bressan AL, Ramos AMC, Terena AC, Souza CS, Nunes DH, Bortoletto MCC, Paim de Oliveria MFS, Neffa JM, Fieri LC, Azulay-Abulafia L, Felix PAO, Magalhaes RF, Romiti R, Jaime TJ. Diagnostic and therapeutic guidelines for plaque psoriasis – Brazilian Society of Dermatology, An Bras Dermatol. 2019;94(2 Suppl 1):S76-107.

Bulgaria

Guidelines:

Psoriasis

Kadurina M, Vassileva S, Gospodinov D *et al.* Guidelines for the Treatment of Psoriasis by Biological Products of Bulgarian Dermatological Society. [WWW document] 2013. URL <http://www.bg-derm.org/wp-content/uploads/2013/06/02-Guideline-for-biologicals.pdf>

Grozdev I , Bogdanov I , Vassileva S *et al.* . Consensus for the Treatment of Psoriasis. <http://www.bg-derm.org/wp-content/uploads/2013/06/01-Consensus-for-the-Treatment-of-Psoriasis.pdf>

Hidradenitis Suppurativa

Hristakieva E, Manuelyan K, Darlenski R *et al.* Consensus for the Diagnosis and Treatment of Hidradenitis Suppurativa/Acne Inversa. http://www.bg-derm.org/?page_id=1899

Hand Eczema

Kazandjieva J, Darlenski R, Gergovska M *et al.* Hand eczema- national consensus of the Bulgarian dermatological society (section Dermatoallergology) for diagnosis and treatment. http://www.bg-derm.org/wp-content/uploads/2019/03/%D0%94%D0%92-2014-1_Consensus-hand-eczema.pdf

Canada

Guidelines:

Adams SP, Albrecht L, Barankin B *et al.* Canadian guidelines for the management of plaque psoriasis: overview. J Cutan Med Surg 2011;15; 210-219

Chile

Guidelines:

Valenzuela F, Araya I, Correa H, De la Cruz C, Riveros T, Valdés MP. Guías clínicas chilenas para el manejo de la psoriasis. Rev Chil Dermatol 2016; 32 (3) – 29

China

Guidelines:

Imafuku S, Zheng M, Tada Y, Zhang X, Theng C, Thevarajah S, Zhao Y, Song HJ. Asian consensus on assessment and management of mild to moderate plaque psoriasis with topical therapy. J Dermatol. 2018 Jul; 45(7): 805–811.

Colombia

Guidelines:

González Ardila CF, Londoño García AM, Cortés Correa CI, Asociación Colombiana de Dermatología y Cirugía Dermatológica - AsoColDerma Grupo Colombiano de Psoriasis y Artritis Psoriásica – ColPsor. Guía de práctica clínica para el tratamiento de la psoriasis en Colombia. REV ASOC COLOMB DERMATOL / VOLUMEN 26, SUPLEMENTO N.1 , ABRIL - JUNIO 2018

Croatia

Guidelines:

Rencz F, Kemény L, Gajdácsi JZ, Owczarek W, Arenberger P, Tiplica GS, Stanimirović A, Niewada M, Petrova G, Marinov LT, Péntek M, Brodszky V, Gulácsi L. Use of biologics for psoriasis in Central and Eastern European countries. J Eur Acad Dermatol Venereol. 2015;29(11):2222-30

Czech Republic

Guidelines:

CETKOVSKÁ, P., KOJANOVÁ, M., ARENBERGER, P., FABIANOVÁ, J.: Současný stav moderní léčby psoriázy – aktualizovaná doporučení ČDS JEP k cílené léčbě závažné chronické psoriázy. *Čes-slov Derm.* 2017, 92, p. 3–17

Registry:

Biorep

Denmark

Guidelines:

<http://www.DDS.nu>

Registry:

Dermbio <https://www.dermbio.dk/>.

Loft ND, Egeberg A, Rasmussen MK, Bryld LE, Gniadecki R, Dam TN, Iversen L, Skov L. Patient-reported Outcomes During Treatment in Patients with Moderate-to-severe Psoriasis: A Danish Nationwide Study. *Acta Derm Venereol.* 2019 Dec 1;99(13):1224-1230.

England and Wales

Guidelines:

NICE guidelines: Psoriasis: Assessment and Management. Clinical guideline (CG153). Published 2012, updated 2017 at <https://www.nice.org.uk/guidance/CG153>

The DLQI is incorporated into 18 further NICE technology appraisals to assess the use of Biologics and 3 NICE evidence summaries

Registry:

Burden AD, Warren RB, Kley CE, McElhone K, Smith CH, Reynolds NJ, Ormerod AD, Griffiths CE; BADBIR Study Group. The British Association of Dermatologists' Biologic Interventions Register (BADBIR): design, methodology and objectives. *Br J Dermatol.* 2012 Mar;166(3):545-54.

F.M. Vermeulen, L.A.A. Gerbens, A.L. Bosma, C.J. Apfelbacher, A.D. Irvine, B.W.M. Arents, S. Barbarot, M. Deleuran, L.F. Eichenfield, A. Manca, J. Schmitt, C. Vestergaard, D. Wall, S. Weidinger, M.A. Middelkamp-Hup, P.I. Spuls, and C. Flohr on behalf of the International TREAT Registry Taskforce. TREATment of ATopic eczema (TREAT) Registry Taskforce: consensus on how and when to measure the core dataset for atopic eczema treatment research registries. *British Journal of Dermatology* 2019; 181: 492–504

Europe

Guidelines:

Psoriasis

Pathirana D, Ormerod AD, Saiag P et al. European S-3 guidelines on the systemic treatment of psoriasis vulgaris. *J Eur Acad Dermatol Venereol* 2009; 23 (Suppl 2): 1-70. Pathirana D, Ormerod AD, Saiag P, Smith C, Spuls PI, Nast A, et al. European S3-guidelines on the systemic treatment of psoriasis vulgaris. *J Eur Acad Dermatol Venereol* 2009; 23 Suppl 2: 1–70,

Urticaria

Zuberbier T¹, Aberer W², Asero R³, Abdul Latiff AH⁴, Baker D⁵, Ballmer-Weber B⁶, Bernstein JA⁷, Bindslev-Jensen C⁸, Brzoza Z⁹, Buense Bedrikow R¹⁰, Canonica GW¹¹, Church MK¹, Craig T¹², Danilycheva IV¹³, Dressler C¹⁴, Ensina LF¹⁵, Giménez-Arnau A¹⁶, Godse K¹⁷, Gonçalo M¹⁸, Grattan C¹⁹, Hebert J²⁰, Hide M²¹, Kaplan A²², Kapp A²³, Katelaris CH²⁴, Kocatürk E²⁵, Kulthanan K²⁶, Larenas-Linnemann D²⁷, Leslie TA²⁸, Magerl M¹, Mathelier-Fusade P²⁹, Meshkova RY³⁰, Metz M¹, Nast A¹⁴, Nettis E³¹, Oude-Elberink H³², Rosumeck S¹⁴, Saini SS³³, Sánchez-Borges M³⁴, Schmid-Grendelmeier P⁶, Staubach P³⁵, Sussman G³⁶, Toubi E³⁷, Vena GA³⁸, Vestergaard C³⁹, Wedi B²³, Werner RN¹⁴, Zhao Z⁴⁰, Maurer M¹; Endorsed by the following societies: AAAAI, AAD, AAIITO, ACAAI, AEDV, APAAACI, ASBAI, ASCIA, BAD, BSACI, CDA, CMICA, CSACI, DDG, DDS, DGAKI, DSA, DST, EAACI, EIAS, EDF, EMBRN, ESCD, GA²LEN, IAACI, IADVL, JDA, NVvA, MSAI, ÖGDV, PSA, RAACI, SBD, SFD, SGAI, SGDV, SIAAIC, SDeMaST, SPDV, TSD, UNBB, UNEV and WAO. The EAACI/GA²LEN/EDF/WAO guideline for the definition, classification, diagnosis and management of urticaria. *Allergy.* 2018 Jul;73(7):1393-1414. doi: 10.1111/all.13397.

Hidradenitis Suppurativa

Gulliver W, Zouboulis CC, Prens E, Jemec GB, Tzello T. Evidence-based approach to the treatment of hidradenitis suppurativa/acne inversa, based on the European guidelines for hidradenitis suppurativa. *Rev Endocr Metab Disord*. 2016 Sep;17(3):343-351.

Zouboulis CC¹, Desai N, Emtestam L, Hunger RE, Ioannides D, Juhász I, Lapins J, Matusiak L, Prens EP, Revuz J, Schneider-Burrus S, Szepietowski JC, van der Zee HH, Jemec GB. European S1 guideline for the treatment of hidradenitis suppurativa/acne inversa. *J Eur Acad Dermatol Venereol*. 2015 Apr;29(4):619-44.

Finland

Guidelines:

<https://www.kaypahoito.fi/hoi50062>

France

Guidelines:

Amatore F, Villani AP, Tauber M, Viguier M, Guillot B, on behalf of Psoriasis Research Group of the French Society of Dermatology. French guidelines on the use of systemic treatments for moderate to severe psoriasis in adults. *J EADV* 2019; 33; 464-483

Germany

Guidelines:

Nast A, Amelunxen L, Augustin M, Boehncke WH, Dressler C, Gaskins M, Härle P, Hoffstadt B, Klaus J, Koza J, Mrowietz U, Ockenfels HM, Philipp S, Reich K, Rosenbach T, Rzany B, Schlaeger M, Schmid-Ott G, Sebastian M, Kiedrowski Rv, Weberschock T: S3-Leitlinie zur Therapie der Psoriasis vulgaris Update - Kurzfassung Teil 1 - Systemische Therapie [S3 Guideline for the Treatment of Psoriasis Vulgaris, Update - Short Version Part 1 - Systemic Treatment]. *J Dtsch Dermatol Ges* 2018; 16 (5): 645-670.

Registry:

PsoBest- Reich K, Mrowietz U, Radtke MA, Thaci D, Rustenbach SJ, Spehr C, Augustin M: Drug Safety of Systemic Treatments for Psoriasis: Results from The German Psoriasis Registry PsoBest. *Arch Dermatol Res* 2015; 307 (10): 875-883.

Heratizadeh A, Haufe E, Stölzl D, Abraham S, Heinrich L, Kleinheinz A, Wollenberg A, Weisshaar E, Augustin M, Wiemers F, Zink A, von Kiedrowski R, Hilgers M, Worm M, Pawlak M, Sticherling M, Fell I, Handrick C, Schäkel K, Staubach-Renz P, Asmussen A, Schwarz B, Bell M, Effendy I, Bieber T, Homey B, Gerlach B, Tchitcherina E, Stahl M, Schwichtenberg U, Rossbacher J, Buck P, Mempel M, Beissert S, Biedermann T, Weidinger S, Schmitt J, Werfel T; TREATgermany study group. Baseline characteristics, disease severity and treatment history of Patients with Atopic Dermatitis included in

the German AD **Registry** TREATgermany. J Eur Acad Dermatol Venereol. 2019 Nov 13. doi: 10.1111/jdv.16078.

Elisabeth Wramp M, Langenbruch A, Augustin M, Zillikens D, Kregel S. Clinical course, treatment modalities, and quality of life in patients with congenital melanocytic nevi - data from the German CMN **registry**. (Congenital Melanocytic Naevus). J Dtsch Dermatol Ges. 2017 Feb;15(2):159-167.

Apfelbacher C, Molin S, Weisshaar E, Bauer A, Elsner P, Mahler V, Weiss M, Ruzicka T, Diepgen TL. Characteristics and provision of care in patients with chronic hand eczema: updated data from the CARPE **registry**. Acta Derm Venereol. 2014 Mar;94(2):163-7.

Düker D, Erdmann R, Hartmann V, Nast A, Rzany B, Bachmann F. The impact of adverse reactions to injectable filler substances on quality of life: results from the Berlin Injectable Filler Safety (IFS) - study. J Eur Acad Dermatol Venereol. 2016 Jun;30(6):1013-20.

Hungary

Guidelines:

http://site.oep.hu/steam/downloads/finprot_20131115/hatalyos/0626_a_plakkos_psoriasis_diagn_osztikajanak_es_kezelesenek_finanszirozasi_protokollja.pdf

India

Registry:

Parthasaradhi A, Singh V, Parasramani SG, Yadav N, Krupashankar DS, Soni M, Bansal R. A Real-World Study to Assess the Effectiveness of Itolizumab in Patients with Chronic Plaque Psoriasis. Indian Dermatol Online J. 2017 Jul-Aug;8(4):246-249.

Ireland

Guidelines:

Smith CH, Jabbar-Lopez ZK, You ZZ, Bale T, Burden AD, Coates LC, Cruickshank M, Hadoke T, Macmahon E, Murphy R, Nelson-Piercy C, Owen CM, Parslew R, Peleva E, Pottinger E, Samarasekera EJ, Stoddart J, Strudwicke C, Venning VA, Warren RB, Exton LS, Mohd Mustapa MF. British Association of Dermatologists guidelines for biologic therapy for psoriasis 2017. Br J Dermatol 2017; **177**: 628-136.

Registry:

Burden AD, Warren RB, Kleyn CE, McElhone K, Smith CH, Reynolds NJ, Ormerod AD, Griffiths CE; BADBIR Study Group. The British Association of Dermatologists' Biologic Interventions Register (BADBIR): design, methodology and objectives. *Br J Dermatol*. 2012 Mar;166(3):545-54

Italy

Guidelines:

Gisoni P, Altomare G, Ayala F, Bardazzi F, Bianchi L, Chiricozzi A, Costanzo A, Conti A, Dapavo P, De Simone C, Foti C, Naldi L, Offidani A, Parodi A, Piaserico S, Prignano F, Rongioletti F, Stingeni L, Talamonti M, Girolomoni G. Italian guidelines on the systemic treatments of moderate-to-severe plaque psoriasis. *J Eur Acad Dermatol Venereol*. 2017 May;31(5):774-790. doi: 10.1111/jdv.14114. Epub 2017 Feb 27

Registry:

Psobiosimilar Registry

Japan

Guidelines:

Guidelines for the diagnosis and treatment of vitiligo in Japan

(https://www.dermatol.or.jp/uploads/uploads/files/guideline/guideline_vv.pdf)

Guidelines for management of atopic dermatitis

(https://www.dermatol.or.jp/uploads/uploads/files/guideline/atopic_gl1221.pdf)

Guidelines for the management and treatment of generalized pustular psoriasis

(<https://www.dermatol.or.jp/uploads/uploads/files/guideline/nouhouseikansenguideline.pdf>)

Registry:

Cross-sectional survey of QoL in patients with generalized pustular psoriasis.

Cross-sectional survey of QoL in patients with hidradenitis suppurativa

Latin America

Guidelines:

Kogan N, Raimondo N, Gusic SE, Izcovich A, Abarca Duran JA, Barahona-Torres L, Blanco O, Quintana GB, Briones MC, Castro C, Castro Vargas EG, Criniti J, Diez de Medina JC, Franco M, Gómez M, Levrero VP, Martínez López JE, Valenzuela F. Latin American Clinical Practice Guidelines on the Systemic Treatment of Psoriasis SOLAPSO - Sociedad Latinoamericana de Psoriasis (Latin American Psoriasis Society). *Int J Dermatol*. 2019 Aug;58 Suppl 1:4-28

Malaysia

Guidelines:

<http://www.dermatology.org.my/pdf/CPG%20-%20Psoriasis.pdf>

Registry:

National Psoriasis Registry.

Mohd Affandi A, Khan I, Ngah Saaya N. Epidemiology and Clinical Features of Adult Patients with Psoriasis in Malaysia: 10-Year Review from the Malaysian Psoriasis **Registry** (2007-2016). *Dermatol Res Pract.* 2018 Apr 23;2018:4371471.

Netherlands

Guidelines:

van der Kraaij GE, Balak DMW, Busard CI, van Cranenburgh OD, Chung Y, Driessen RJB, de Groot M, de Jong EMGJ, Kemperman PMJH, de Kort WJA, Karsch SA, Lamberts A, Lecluse LLA, van Lümig PPM, Menting SP, Prens EP, van den Reek JMPA, Seyger MMB, Thio HB, Veldkamp WR, Wakkee M, Nast A, Jacobs A, Rosumeck S, Spuls Chair PI. Highlights of the updated Dutch evidence- and consensus-based guideline on psoriasis 2017. *Br J Dermatol.* 2019 Jan;180(1):31-42

Registry:

BioCapture <https://biocapture.nl/?lang=en>

New Zealand

Guidelines:

<https://www.pharmac.govt.nz/assets/ptac-dermatology-subcommittee-minutes-2017-11.pdf>

Registry:

Australasian Psoriasis Registry- <https://www.psoriasis.asn.au/>

Norway

Guidelines:

Kragballe K, Gniadecki R, Mork N-J et al. Implementing best practice in psoriasis: a Nordic expert group consensus. *Acta Dermato-Venereologica* 2014; 94: 547-552. Included in the recommendations for biologics in Hidradenitis Suppurativa and Atopic Dermatitis (personal correspondence Dr Petter Gjersvik, Norwegian Society Dermatology and Venereology 05/09/2019)

Poland

Guidelines:

Agencja Oceny Technologii Medycznych. Wydział do Spraw Systemów Ochrony Zdrowia. Wniosek o objęcie refundacją leku Stelara (ustekinumab), 45 mg, w ramach programu lekowego: Leczenie

ciężkiej postaci łuszczycy pospolitej z zastosowaniem ustekinumabu. Analiza weryfikacyjna 2012. http://www.aotm.gov.pl/bip/assets/files/zlecenia_mz/2012/044/AWA/044_AWA_DS_433_05_Stelara_łuszczycyca_2012.08.13.pdf

Portugal

Guidelines:

Marques Pinto G, Filipe P. Guidelines for high-quality use of biologic therapies in adults with plaque psoriasis. Acta Med Port. 2012 Mar-Apr;25(2):125-41

Registry:

Derma.pt

Romania

Guidelines:

Rencz F, Kemény L, Gajdácsi JZ, Owczarek W, Arenberger P, Tiplica GS, Stanimirović A, Niewada M, Petrova G, Marinov LT, Péntek M, Brodsky V, Gulácsi L. Use of biologics for psoriasis in Central and Eastern European countries. J Eur Acad Dermatol Venereol. 2015;29(11):2222-30

Saudi Arabia

Guidelines:

Hamadah IR, Al Raddadi AA, Bahamdan KA et al. Saudi practical guidelines on biologic treatment of psoriasis. J Dermatolog Treat 2015; 26: 223-9.

Scandinavia

Registry:

Grimstad Ø, Tzellos T, Dufour DN, Bremnes Ø, Skoie IM, Snekvik I, Jarnaess E, Kyrgidis A, Ingvarsson G. Evaluation of medical and surgical treatments for hidradenitis suppurativa using real-life data from the Scandinavian **registry** (HISREG). J Eur Acad Dermatol Venereol. 2019 Jun;33(6):1164-1171

Scotland

Guidelines:

Scottish Intercollegiate Guidelines Network (SIGN). Diagnosis and management of psoriasis and psoriatic arthritis in adults. A national clinical guideline. Edinburgh (Scotland): Scottish Intercollegiate Guidelines Network (SIGN); 2010 Oct. 65 p. (SIGN publication; no. 121).

Registry:

Burden AD, Warren RB, Kleyn CE, McElhone K, Smith CH, Reynolds NJ, Ormerod AD, Griffiths CE; BADBIR Study Group. The British Association of Dermatologists' Biologic Interventions Register (BADBIR): design, methodology and objectives. *Br J Dermatol*. 2012 Mar;166(3):545-54

Serbia

Guidelines:

Mijuskovic ZP, Kandolf-Sekulovici L, Todorovic D, Nikolic M, Jovanovic M, Skiljevic D, Gajinov Z, Zecevici RD. Serbian Association of Dermatovenereologists' Guidelines for the Diagnosis and Treatment of Psoriasis. *Serbian Journal of Dermatology and Venereology* 2016; 8 (2): 61-78

Singapore

Guidelines:

Tay YK, Chan YC, Chandran NS, Ho MS, Koh MJ, Lim YL, Tang MB, Thirumoorthy TAnn. Guidelines for the Management of Atopic Dermatitis in Singapore. *Acad Med Singapore*. 2016 Oct;45(10):439-450.

Dermatological Society of Singapore Psoriasis Management Guidelines, 2016

Slovenia

Registry:

Lunder T, Marko P, Koser Kolar N, Kralj B, Kecelj Leskovec N. Drug survival of biologic therapies for the treatment of psoriasis: Results of Slovenian national **registry**. *Biologicals*. 2018 Jul;54:44-49.

South Africa

Guidelines:

Raboobee N, Boobaker J, Jordaan HF et al. Guideline on the management of psoriasis in South Africa. *South African Medical Journal* 2010; 100: 259-282.

South Korea

Guidelines:

Imafuku S, Zheng M, Tada Y, Zhang X, Theng C, Thevarajah S, Zhao Y, Song HJ. Asian consensus on assessment and management of mild to moderate plaque psoriasis with topical therapy. *J Dermatol*. 2018 Jul; 45(7): 805–811.

Spain

Guidelines:

L. Puig, J.M. Carrascosa, E. Daudén, J.L. Sánchez-Carazo, C. Ferrándiz, M. Sánchez-Regaña, M. García-Bustinduy, X. Bordas, J.C. Moreno, J.M. Hernanz. Spanish Evidence-Based Guidelines on the Treatment of Moderate to Severe Psoriasis with Biologic Agents. Actas Dermo-Sifiliográficas 2009; 100: 386-413.

Registry:

Biobabaderm

Sweden

Guidelines:

SSDV guidelines on psoriasis.

https://www.ssdv.se/images/SSDVs_behandlingsrekommendationer_ny_version_2019-04-17.pdf

Registry:

PsoReg http://www.psoreg.se/wp-content/uploads/2019/04/Arsrapport_PsoReg_2018.pdf

M Schmitt-Egenolf. PsoReg – The Swedish registry for systemic psoriasis treatment. The registry's design and objectives. Dermatology 2007; 214: 112-7.

Norlin JM, Nilsson K, Persson U, Schmitt-Egenolf M. Complete skin clearance and Psoriasis Area and Severity Index response rates in clinical practice: predictors, health-related quality of life improvements and implications for treatment goals. Br J Dermatol. 2019 Jul 20. doi: 10.1111/bjd.18361.

Switzerland

Guidelines:

Kolios AGA, Yawalker N, Anliker M et al. Swiss S1 guidelines on the systemic treatment of psoriasis vulgaris. Dermatology 2016; 232: 385-406

Registry:

Jungo P, Maul JT, Djamei V, von Felten S, Kolios AGA, Czernielewsk J, Yawalkar N, Odermatt O, Laffitte E, Anliker M, Streit M, Augustin M, Conrad C, Hafner J, Boehncke WH, Gilliet M, Itin P, French LE, Navarini AA, Häusermann P. Superiority in Quality of Life Improvement of Biologics over Conventional Systemic Drugs in a Swiss Real-Life Psoriasis **Registry**. Dermatology. 2016;232(6):655-663.

Maul JT, Navarini AA, Sommer R, Anzengruber F, Sorbe C, Mrowietz U, Drach M, Blome C, Boehncke WH, Thaci D, Reich K, von Kiedrowski R, Körber A, Yawalkar N, Mainetti C, Laffitte E, Streit M, Rustenbach S, Conrad C, Borradori L, Gilliet M, Cozzio A, Itin P, Häusermann P, French LE, Radtke

MA, Augustin M. Gender and age significantly determine patient needs and treatment goals in psoriasis - a lesson for practice. J Eur Acad Dermatol Venereol. 2019 Apr;33(4):700-708.

Taiwan

Guidelines:

Tsai TF, Lee C-H, Huang Y-H. Taiwanese dermatological consensus statement on management of psoriasis. Dermatologica Sinica 2017; 35: 66-77.

Trinidad and Tobago

Guidelines:

Personal correspondence with Dr Nirmala Hallai of the Caribbean Dermatology Association 12/08/2019.

Turkey

Guidelines:

Alper S et al. Updated guidelines for the management of psoriasis with biologic agents. Turkderm 2010; 44: 105-112

Ukraine

Guidelines:

Psoriasis, including psoriatic arthropathy. Adapted evidence-based guideline .Псоріаз, включаючи псоріатичні артропатії. Адаптована клінічна настанова, заснована на доказах

Uruguay

Registry:

Fondo Nacional de Recursos

http://www.fnr.gub.uy/sites/default/files/formularios/form_solicitud/s_trat_psoriasis_ini.pdf

USA

Guidelines:

AAD. 410- Psoriasis Clinical Response to Systemic Medications
<https://www.aad.org/practicecenter/quality/quality-measures/mips-measures/410>.

Eichenfield LF, Tom WL, Chamlin SL, et al. Guidelines of care for the management of atopic dermatitis: section 1. Diagnosis and assessment of atopic dermatitis. *J Am Acad Dermatol*. 2014;70(2):338-351.

Zaenglein AL, Pathy AL, Schlosser BJ, et al. Guidelines of care for the management of acne vulgaris. *J Am Acad Dermatol*. 2016;74(5):945-973 e933.

Registry:

PSOLAR

Papp KA, Strober B, Augustin M, Calabro S, Londhe A, Chevrier M; PSOLAR investigators and Steering Committee. PSOLAR: design, utility, and preliminary results of a prospective, international, disease-based registry of patients with psoriasis who are receiving, or are candidates for, conventional systemic treatments or biologic agents. *J Drugs Dermatol*. 2012 Oct;11(10):1210-7.

Corrona Psoriasis Registry

Strober B, Greenberg JD, Karki C, et al. Impact of psoriasis severity on patient-reported clinical symptoms, health-related quality of life and work productivity among US patients: real-world data from the Corrona Psoriasis Registry. *BMJ Open*. 2019;9(4):e027535.

UNITE Hidradenitis Suppurativa Registry

Kimball AB, Crowley JJ, Papp K, Calimlim B, Duan Y, Fleischer AB, Sobell J. Baseline patient-reported outcomes from UNITE: an observational, international, multicentre registry to evaluate hidradenitis suppurativa in clinical practice. *J Eur Acad Dermatol Venereol*. 2019 Dec 4 Epub ahead of print

Venezuela

Guidelines:

Otero FG, Paez E. I consenso nacional de psoriasis, 2009. *Dermatol Venez* 2009; 47: 37-56