



## Hertfordshire and West Essex Area Prescribing Committee (HWE APC)

## Treatment of severe plaque psoriasis in adults AFTER the use of systemic treatments have failed (in line with NICE guidance, technology appraisals and local agreement) – Updated January 2025.

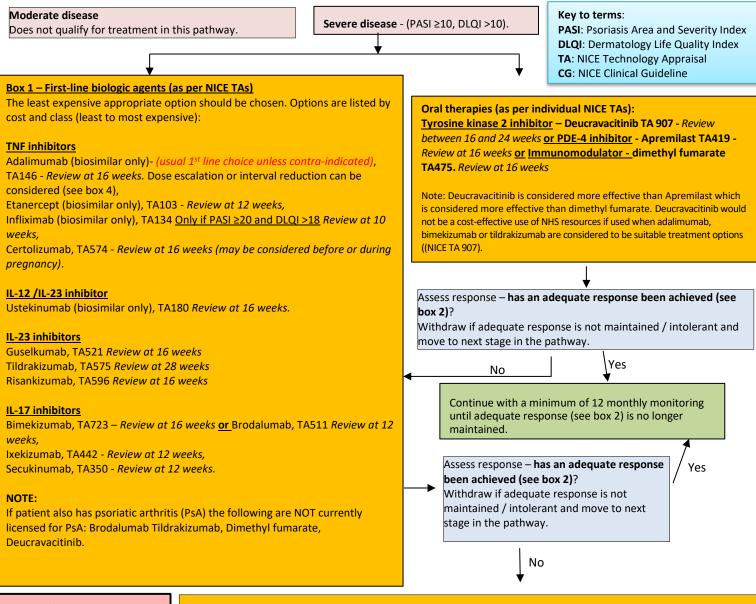
This algorithm is only applicable for use in adult patients who have failed to respond to, who are intolerant of or who have contraindications to the use of standard systemic therapies i.e. ciclosporin\*, methotrexate and phototherapy. The treatment choices available vary depending on severity of disease (as indicated in the algorithm below).

If the patient has both psoriasis and psoriatic arthritis, take into account both conditions before initiating or making changes to treatment with

biological drugs. The specialty for the more severe condition would generally be expected to take responsibility for prescribing the biologic. \*Patients with pre-existing hyperlipidaemia or hypertension can skip ciclosporin due to risks of exacerbating these. Patients with severe psoriasis and concomitant

psoriatic arthritis can skip ciclosporin as it does not treat psoriatic arthritis.

Biosimilars - The prescribing of all biologics should be by brand name. Where available, biosimilars should be prescribed in accordance with current local arrangements (all new patients started on biologics where a biosimilar is available to be prescribed biosimilars; existing patients to be reviewed with a view to switching from originator to biosimilar).



## Box 2 – Adequate response - As per NICE, either:

Box 3

a 75% reduction in the PASI score (PASI 75) from when treatment started. a 50% reduction in the PASI score

(PASI 50) and a 5 point reduction in DLQI from start of treatment.

Dose escalation or interval reduction (Local agreement March 2022) For patients on adalimumab whose psoriasis initially responds adequately but subsequently loses response consider dose escalation or interval reduction (see box 4)

<u>Second line biologic agents</u> (Local agreement December 2018) Consider changing to an alternative biologic drug if the psoriasis does not respond adequately (primary or secondary failure, see box 2) OR the drug cannot be tolerated / becomes contraindicated AND a biologic from a different class can be used.

The least expensive appropriate drug in class should be used. Where there is more than one suitable class, the least expensive option should be chosen. See box 1 for cost order of biologics.



Box 4 - Adalimumab dose escalation or interval reduction: Dose escalation or interval reduction can be considered for patients on Assess response – has an adequate response been achieved adalimumab whose psoriasis initially responds adequately but (see box 2)? subsequently loses response (secondary failure). Withdraw if adequate response is not maintained / intolerant and move to next stage in the pathway Following dose escalation or interval reduction review within 12 weeks and consider a trial of de-escalation back to standard dose. Patients may be re-escalated and maintained on escalated /interval reduction dose. Yes Continue with a minimum of 12 The increased risk of infection and other adverse drug reactions with monthly monitoring until adequate an escalated dose should be taken into account. (Local agreement response (see box A) is no longer March 2022) maintained. No Third line biologic agents (Local agreement, December 2018) Consider changing to an alternative biologic drug as per box 3. The least expensive appropriate drug in class should be used. Where there is more than one suitable class, the least expensive option should be chosen. See box 1 for cost order of biologics. Assess response – has an adequate response been achieved (see box 2)? Withdraw if adequate response is not maintained / intolerant and move to next stage in Continue with a minimum of 12 the pathway monthly monitoring until Yes adequate response (see box 2) is no longer maintained. No Fourth line biologic agent (Local agreement, March 2022) Consider changing to an alternative biologic drug as per box 3. The least expensive appropriate drug in class should be used. Where there is more than one suitable class, the least expensive option should be chosen. See box 1 for cost order of biologics. Yek Assess response – has an adequate response been achieved (see box A)? Withdraw if adequate response is not maintained / intolerant and STOP

## Further Information: Refer to <u>SPC</u> and <u>BNF</u> for full prescribing information. TREATMENT REQUESTS BEYOND THE END OF THE ALGORITHM ARE NOT ROUTINELY COMMISSIONED.

NICE recommends if patients and their clinicians consider a medicine to be one of a range of suitable treatments, the least expensive treatment should be chosen, taking into account administration costs, dosage, price per dose and commercial arrangements. Therefore, in line with this recommendation and HWE APC agreed principles the order of preference of treatments within this pathway will be updated accordingly as prices change or biosimilar medicines become available.

Version:	<ul> <li>3.0 Updates (January 2025) include –</li> <li>Addition of Deucravacitinib (NICE TA 907) to the pathway.</li> <li>Addition of information that Deucravacitinib is currently not licensed or approved for use in psoriatic arthritis.</li> <li>Addition of information - Patients with pre-existing hyperlipidaemia or hypertension can skip ciclosporin due to risks of exacerbating these. Patients with severe psoriasis and concomitant psoriatic arthritis can skip ciclosporin as it does not treat psoriatic arthritis.</li> <li>Addition of Ustekinumab biosimilar and corresponding adjustment of order of choice according to cost.</li> <li>Addition of statement on the HWE APC locally agreed principles for the order of preference of treatments (statement agreed HWE APC June 2024)</li> </ul>
Approved by:	Hertfordshire & West Essex Area Prescribing Committee
Date approved / updated	January 2025.
Developed by:	Developed by pharmacy and medicines optimisation team Hertfordshire and West Essex (HWE) ICB with relevant HWE ICS stakeholders.

Hertfordsilre and West Essa Integrated Care System	NHS Hertfordshire and West Essex Integrated Care board
Review date	This recommendation is based upon the evidence available at the time of publication. This recommendation
	will be reviewed upon request in the light of new evidence becoming available.
Superseded version	<ul> <li>Version 2.0 HWE APC February 2023 - Updates included</li> <li>Rizankizumab is licensed for use in psoriatic arthritis and approved by NICE (NICE TA803). The Pathway has been updated to reflect change in license.</li> <li>NICE TA 711 on Guselkumab for treating active psoriatic arthritis after inadequate response to DMARDs has been updated and replaced by NICE TA803. The manufacturer has also lowered cost of Guselkumab to the NHS. The pathway has been updated to reflect the changes.</li> <li>HMMC December 2018; updated March 2022 and WEMOPB Sept 2018; updated March 2022</li> </ul>