

# Saphnelo® (anifrolumab-fnia) (Intravenous)

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## I. Length of Authorization

Coverage will be provided for 12 months and may be renewed.

## II. Dosing Limits

### A. Quantity Limit (max daily dose) [NDC Unit]:

- Saphnelo 300 mg/2 mL (150 mg/mL) single-dose vial: 1 vial every 4 weeks

### B. Max Units (per dose and over time) [HCPCS Unit]:

- 300 billable units (300 mg) every 4 weeks

## III. Initial Approval Criteria <sup>1</sup>

- Patients must have an inadequate response to an adequate trial of, or contraindication or intolerance to Benlysta (belimumab) prior to initiating therapy with Saphnelo (anifrolumab-fnia); **AND**
- Patient is at least 18 years of age; **AND**
- Patient is up to date with all vaccinations, in accordance with current vaccination guidelines, prior to initiating therapy; **AND**

### Universal Criteria <sup>1</sup>

- Patient must not have a clinically significant active infection; **AND**
- Patient will not receive a live or live-attenuated vaccine concurrently with treatment; **AND**
- Will not be used in combination with other biologic therapies, including B-cell targeted therapies (e.g., belimumab, rituximab) or cyclophosphamide; **AND**
- Will be used in combination with standard therapy (e.g., anti-malarials, corticosteroids, non-steroidal anti-inflammatory drugs, immunosuppressives); **AND**
- Patient does not have any of the following exclusion criteria:
  - Severe active central nervous system lupus
  - Severe active lupus nephritis; **AND**

## Systemic Lupus Erythematosus (SLE) † 1,7,9,10,14,16-19

- Patient has a confirmed diagnosis of SLE as evidenced by all of the following:
  - Confirmed SLE classification criteria score  $\geq 10^*$  (*Note: must include clinical and immunologic domains criteria*)
  - Anti-nuclear antibody (ANA) titer of  $\geq 1:80$  measured via indirect immunofluorescence (IIF) on human epithelial (Hep-2) cells (or an equivalent ANA positive test) at least once; **AND**
- Patient has documented active disease; **AND**
- Physician has assessed baseline disease severity utilizing an objective measure/tool (i.e., Systemic Lupus Erythematosus Disease Activity Index 2000 (SLEDAI 2K), British Isles Lupus Assessment Group-2004 (BILAG 2004), and/or Physician’s Global Assessment (PGA) score); **AND**
- Patient has failed to respond adequately to at least one (1) standard therapy such as anti-malarials, corticosteroids, or immunosuppressives\*; **AND**

*\*Note: For patients already established on biologic therapy, trial and failure of standard therapy is not required.*

<b>*Classification Criteria for Systemic Lupus Erythematosus (SLE) <sup>14</sup></b>	
<b>Clinical Score <sup>Δ</sup></b> <b>(range: 0-39)</b>	<b>Clinical Domains and Criteria</b>
2	<b>Constitutional:</b> Unexplained fever $> 101^{\circ}\text{F}$
3	<b>Hematologic:</b> White blood cell count $< 4,000/\text{mm}^3$
4	Platelet count $< 100,000/\text{mm}^3$ or Autoimmune hemolysis
2	<b>Neuropsychiatric:</b> Delirium
3	Psychosis
5	Primary generalized seizure or partial/focal seizure
2	<b>Mucocutaneous+:</b> Non-scarring alopecia or oral ulcers
4	Subacute cutaneous or discoid lupus
6	Acute cutaneous lupus
5	<b>Serosal:</b> Pleural or pericardial effusion
6	Acute pericarditis
6	<b>Musculoskeletal:</b> Joint involvement with either synovitis involving 2 or more joints with swelling or effusion OR tenderness in 2 or more joints with at least 30 minutes of morning stiffness
4	<b>Renal:</b> Proteinuria $> 0.5\text{g}/24 \text{ hr}$ by a 24-hour urine or equivalent spot urine protein-to-creatinine ratio
8	Renal biopsy class II or V lupus nephritis
10	Renal biopsy Class III or IV lupus nephritis
<b>Immunologic Score <sup>Δ</sup></b>	<b>Immunologic Domains and Criteria</b>

(range: 0-12)	
2	<b>Presence of antiphospholipid antibodies</b> (i.e., positive lupus anticoagulant, positive anti-β2GP1 antibodies, and/or anti-cardiolipin antibodies at medium or high titer)
3	<b>Presence of low complement proteins</b> (below lower limit of normal): Low C3 OR low C4
4	Low C3 AND C4
6	<b>Presence of anti-Sm and/or anti-dsDNA antibodies</b>
<p>* A web-based scoring calculator as well as further definitions of each criterion are available at: <a href="https://rheumatology.org/criteria">https://rheumatology.org/criteria</a></p> <p>Δ Occurrence on at least one occasion is sufficient to count toward score when all other causes have been ruled out. Count only the highest weighted score within each of the 10 domains (7 clinical and 3 immunologic) and any additional criteria within the same domain will not count.</p> <p>+ Observed by a physician via clinical exam or photograph review</p>	

† FDA Approved Indication(s); ‡ Compendia Recommended Indication(s); ◊ Orphan Drug

#### IV. Renewal Criteria <sup>1,7,19</sup>

Coverage can be renewed based on the following criteria:

- Patient continues to meet the universal and other indication-specific relevant criteria such as concomitant therapy requirements (not including prerequisite therapy), performance status, etc. identified in section III; **AND**
- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include: serious infections, malignancy, severe hypersensitivity reactions/anaphylaxis, etc.; **AND**
- Adequate documentation of disease stability and/or improvement as indicated by one or more of the following when compared to pre-treatment baseline:
  - Improvement in the SELENA-SLEDAI-2K; **OR**
  - Reduction of baseline BILAG-2004 (e.g., from A to B or from B to C/D, and no BILAG-2004 worsening in other organ systems, as defined by  $\geq 2$  new BILAG-2004 B or  $\geq 1$  new BILAG A); **OR**
  - No worsening ( $< 0.30$  points increase) in Physician’s Global Assessment (PGA) score; **OR**
  - Seroconverted (negative)

#### V. Dosage/Administration <sup>1</sup>

Indication	Dose
Systemic Lupus Erythematosus (SLE)	Administer 300 mg every 4 weeks as an intravenous infusion

## VI. Billing Code/Availability Information

### HCPCS Code:

- J0491 – Injection, anifrolumab-fnia 1 mg; 1 billable unit = 1 mg

### NDC:

- Saphnelo 300 mg/2 mL single-dose vial for injection: 00310-3040-xx

## VII. References

1. Saphnelo [package insert]. Wilmington, DE; AstraZeneca Pharm.; December 2023. Accessed March 2024.
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## Appendix 1 – Covered Diagnosis Codes

ICD-10	ICD-10 Description
M32.10	Systemic lupus erythematosus organ or system involvement unspecified
M32.11	Endocarditis in systemic lupus erythematosus
M32.12	Pericarditis in systemic lupus erythematosus
M32.13	Lung involvement in systemic lupus erythematosus
M32.14	Glomerular disease in systemic lupus erythematosus
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus
M32.19	Other organ or system involvement in systemic lupus erythematosus
M32.8	Other forms of systemic lupus erythematosus
M32.9	Systemic lupus erythematosus, unspecified

## Appendix 2 – Centers for Medicare and Medicaid Services (CMS)

The preceding information is intended for non-Medicare coverage determinations. Medicare coverage for outpatient (Part B) drugs is outlined in the Medicare Benefit Policy Manual (Pub.

100-2), Chapter 15, §50 Drugs and Biologicals. In addition, National Coverage Determinations (NCDs) and/or Local Coverage Determinations (LCDs) may exist and compliance with these policies is required where applicable. Local Coverage Articles (LCAs) may also exist for claims payment purposes or to clarify benefit eligibility under Part B for drugs which may be self-administered. The following link may be used to search for NCD, LCD, or LCA documents: <https://www.cms.gov/medicare-coverage-database/search.aspx>. Additional indications, including any preceding information, may be applied at the discretion of the health plan.

Medicare Part B Covered Diagnosis Codes (applicable to existing NCD/LCD/LCA): N/A

<b>Medicare Part B Administrative Contractor (MAC) Jurisdictions</b>		
<b>Jurisdiction</b>	<b>Applicable State/US Territory</b>	<b>Contractor</b>
E (1)	CA, HI, NV, AS, GU, CNMI	Noridian Healthcare Solutions, LLC
F (2 & 3)	AK, WA, OR, ID, ND, SD, MT, WY, UT, AZ	Noridian Healthcare Solutions, LLC
5	KS, NE, IA, MO	Wisconsin Physicians Service Insurance Corp (WPS)
6	MN, WI, IL	National Government Services, Inc. (NGS)
H (4 & 7)	LA, AR, MS, TX, OK, CO, NM	Novitas Solutions, Inc.
8	MI, IN	Wisconsin Physicians Service Insurance Corp (WPS)
N (9)	FL, PR, VI	First Coast Service Options, Inc.
J (10)	TN, GA, AL	Palmetto GBA
M (11)	NC, SC, WV, VA (excluding below)	Palmetto GBA
L (12)	DE, MD, PA, NJ, DC (includes Arlington & Fairfax counties and the city of Alexandria in VA)	Novitas Solutions, Inc.
K (13 & 14)	NY, CT, MA, RI, VT, ME, NH	National Government Services, Inc. (NGS)
15	KY, OH	CGS Administrators, LLC