

The background of the slide is a solid blue color with a repeating pattern of white chemical structures. These structures include various organic molecules such as benzene rings, alcohols, and esters, rendered in a simplified, dashed-line style.

Apellis

Forward looking statements

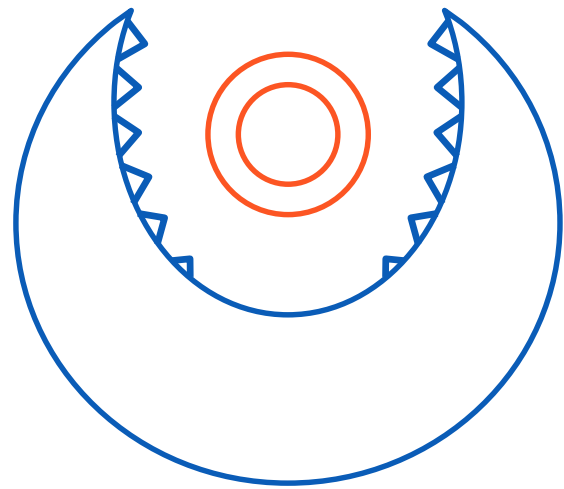
Statements in this presentation about future expectations, plans and prospects, as well as any other statements regarding matters that are not historical facts, may constitute “forward-looking statements” within the meaning of The Private Securities Litigation Reform Act of 1995. The words “anticipate,” “believe,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” “should,” “target,” “will,” “would” and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: whether Apellis will be able to enroll patients rapidly enough to meet the projected timelines; whether the manufacturing process used for APL-2 will provide the anticipated improvements and be scalable for global commercialization; whether preliminary or interim results from a clinical trial will be predictive of the final results of the trial; whether results obtained in preclinical studies and clinical trials will be indicative of results that will be generated in future clinical trials; whether APL-2 will successfully advance through the clinical trial process on a timely basis, or at all; whether the results of such clinical trials will warrant regulatory submissions and whether APL-2 will receive approval from the United States Food and Drug Administration or equivalent foreign regulatory agencies for GA, PNH or any other indication; whether, if Apellis’ products receive approval, they will be successfully distributed and marketed; and other factors discussed in the “Risk Factors” section of Apellis’ Annual Report on Form 10-K filed with the Securities and Exchange Commission on February 26, 2019 and the risks described in other filings that Apellis may make with the Securities and Exchange Commission. Any forward-looking statements contained in this press release speak only as of the date hereof, and Apellis specifically disclaims any obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise.

The background of the slide is a microscopic image, likely a scanning electron micrograph, showing various cellular structures. A semi-transparent blue overlay covers the entire image. Centered on this overlay is the main title in large, bold, white capital letters. Below the title is a subtitle in smaller, white lowercase letters.

BOLDLY DELIVERING REVOLUTIONARY THERAPIES

for people living with serious diseases by harnessing the
foundational part of the immune system, known as complement

What we do



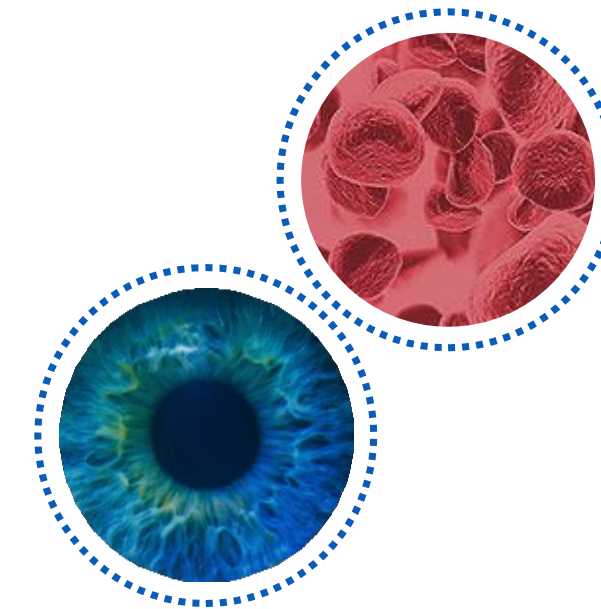
**Pioneers in innate
immunity
& complement
immunology**



**By regulating
its core
component C3**



**Value & patient
outcomes at the
center of our
programs**

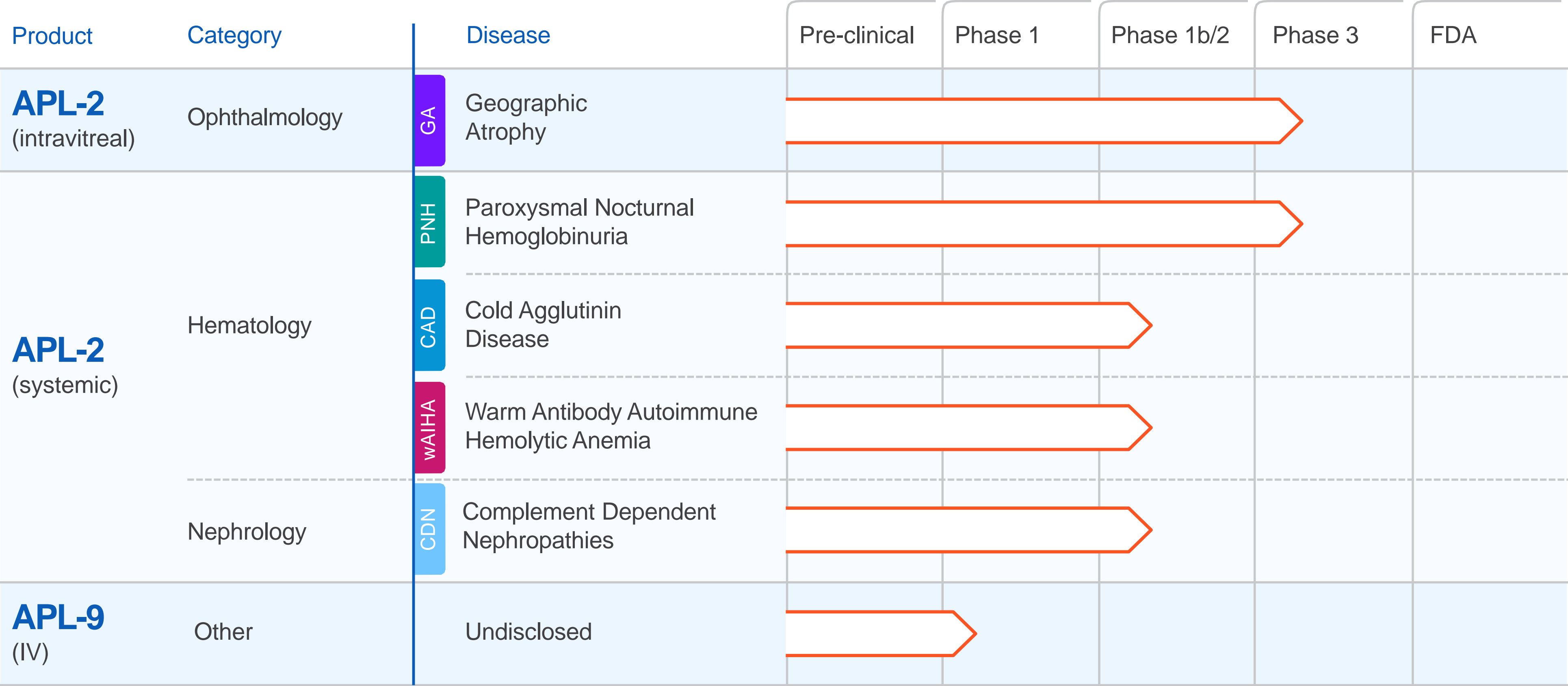


**Focused on
AMD, PNH,
CAD and
wAIHA**



**Broad potential
in other immune
conditions**

Pipeline



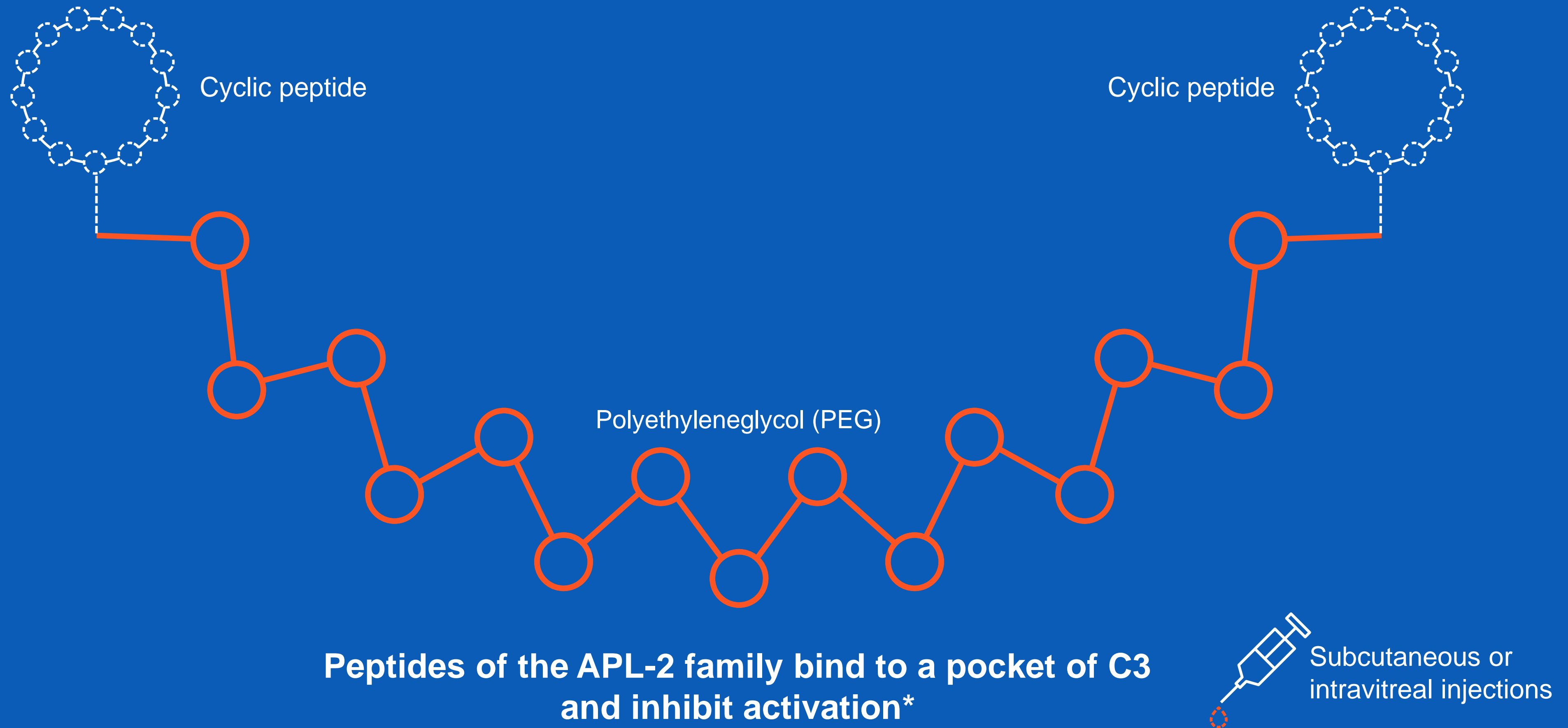
The background of the slide is a microscopic image of various cells, including a large, textured cell on the left and several smaller, more rounded cells on the right. A semi-transparent blue overlay covers the entire image, creating a professional and scientific aesthetic.

Apellis

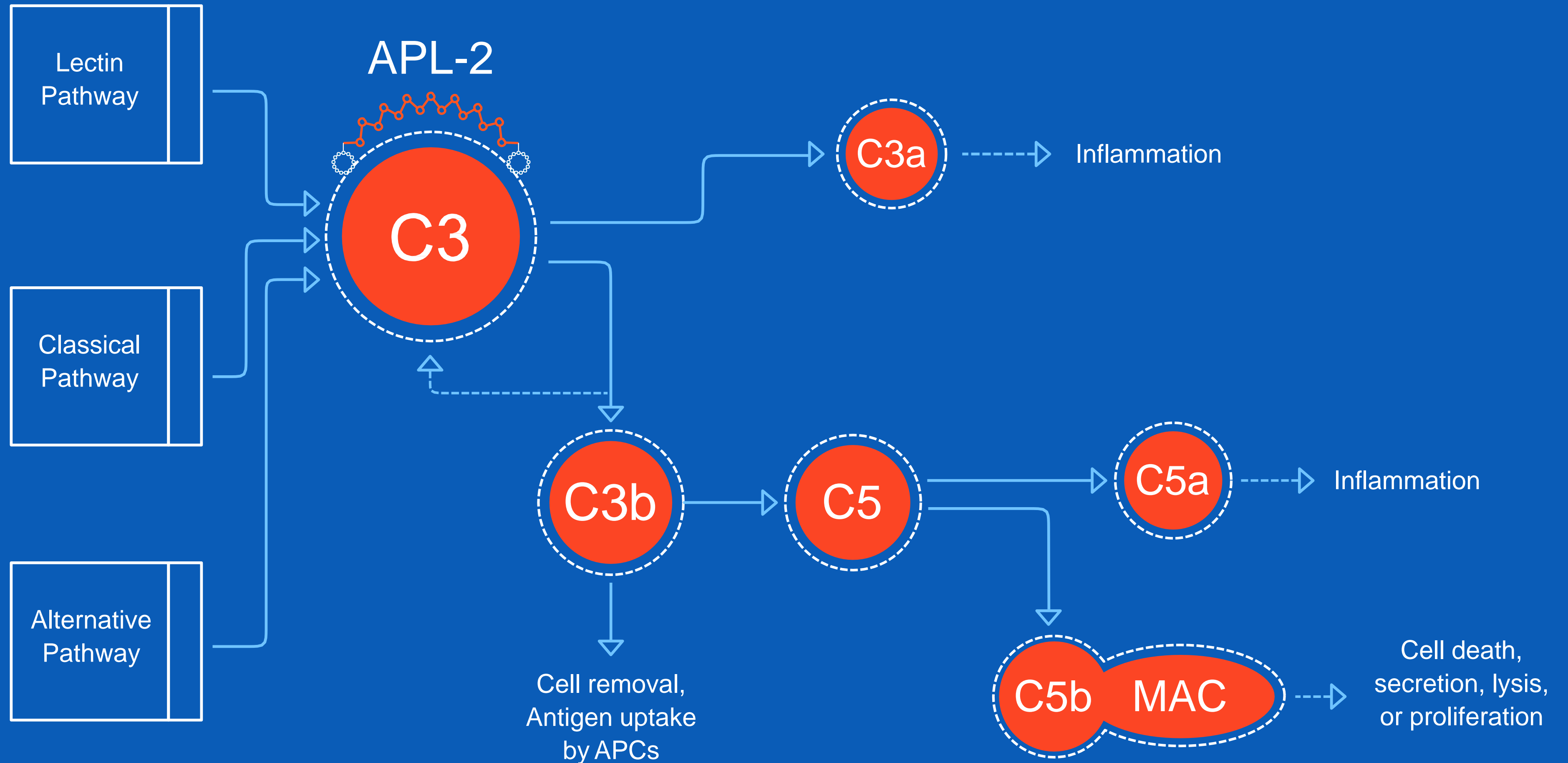
VISION 2020

- Prepare for potential commercial launch of APL-2 in PNH
- Fully enroll GA Phase 3 Program
- Continue clinical development in CAD or wAIHA or both
- PoC in new indications
- 2x global employee footprint

Apellis lead molecule: APL-2



Central inhibition of complement



The background of the slide is a dense field of red blood cells, rendered in a monochromatic blue color. The cells are shown in various sizes and orientations, creating a textured, three-dimensional effect. They are distributed across the entire frame, with some appearing more prominent than others.

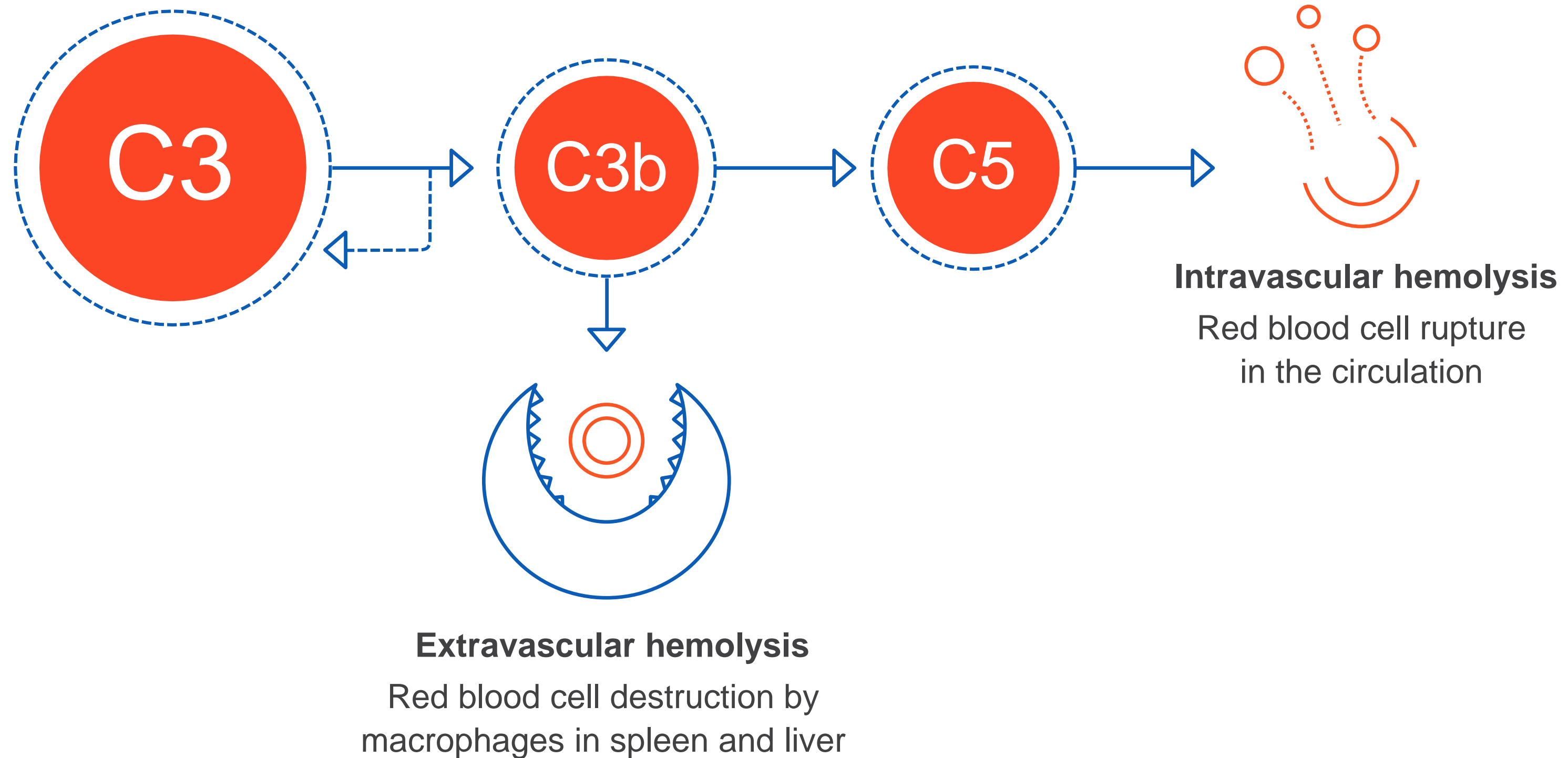
HEMATOLOGY

PNH

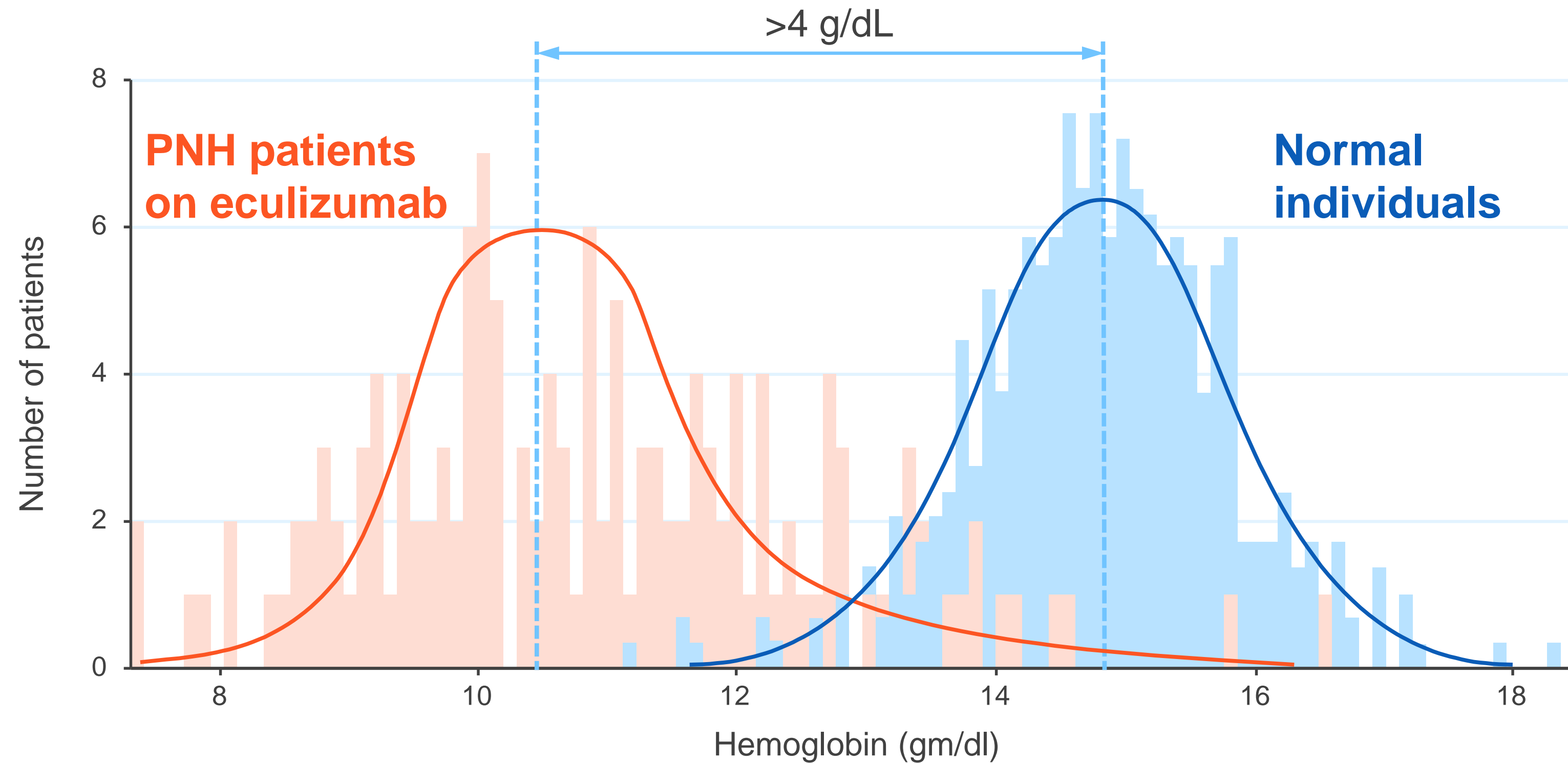
CAD

WAIHA

Paroxysmal Nocturnal Hemoglobinuria (PNH) is characterized by intravascular & extravascular hemolysis

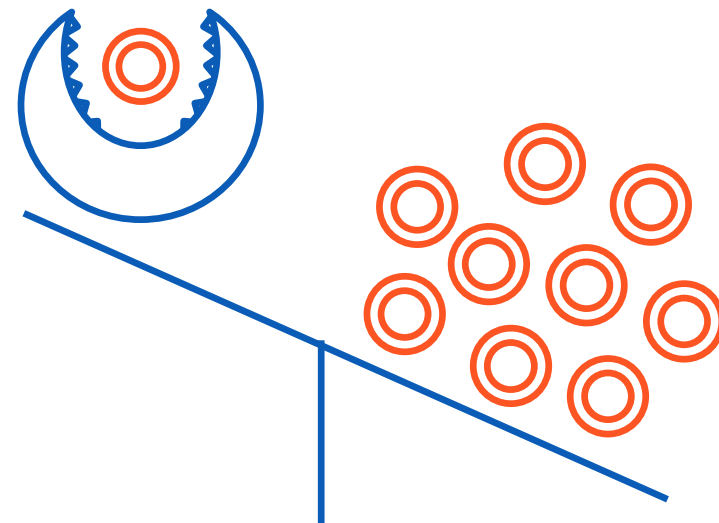


Hemoglobin levels in patients with PNH receiving eculizumab (n=141; all hemolytic)



Only 30% of patients on Soliris® have bone marrow function strong enough to keep patients from experiencing anemia and/or transfusion

30% Soliris® patients

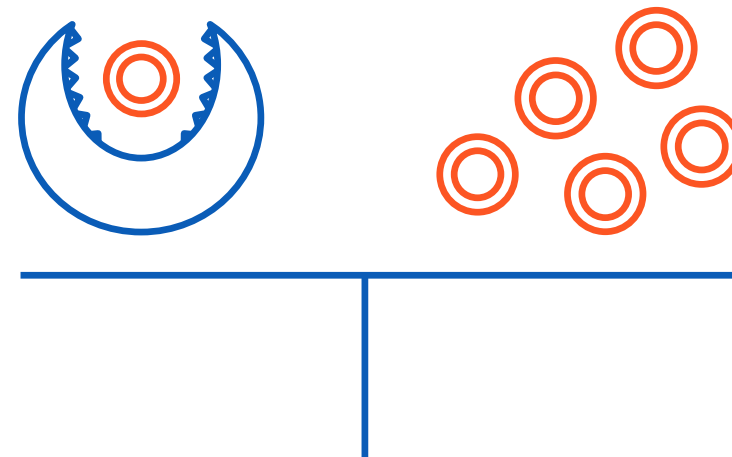


~30% of Patients

- Transfusion -
- Hb >12



70% Soliris® patients unmet need



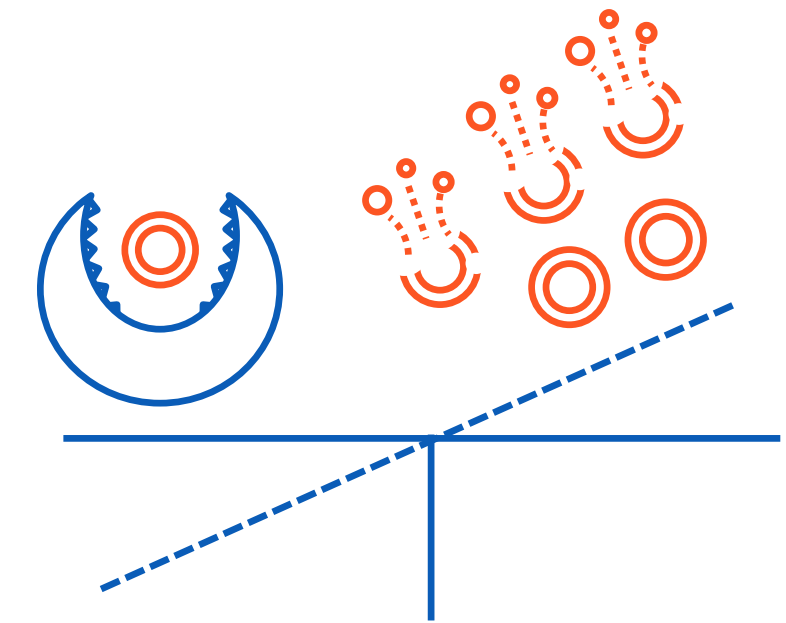
~40% of Patients

- Transfusion -
- Hb <12



~20% of Patients

- Transfusion ++
- Hb <10




~10% of Patients


- Breakthrough ++
- Hb = any



What is the unmet need on Soliris®?

RESULTS

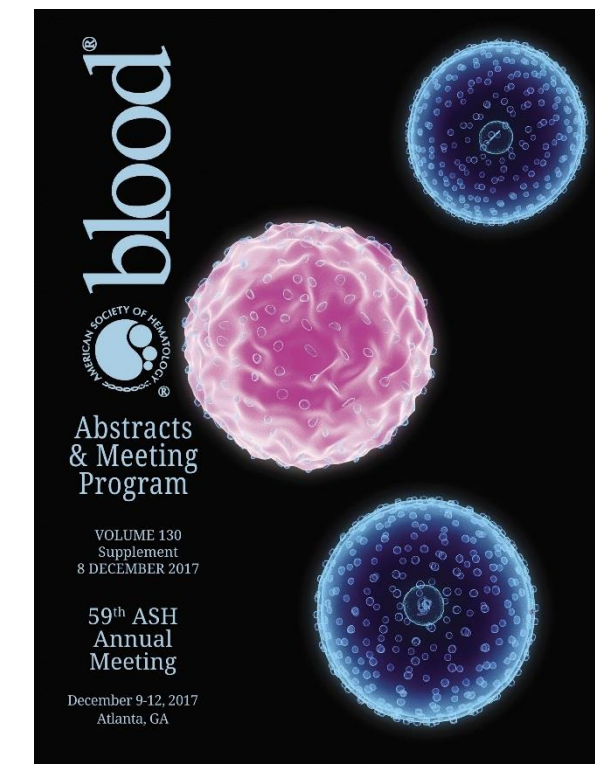
72% 
of patients remain
anemic on Soliris

36% 
of patients had ≥ 1
transfusion in the prior year

1.9x ULN 
Average Reticulocytes

Study of 141 patients by
Hillmen et. al

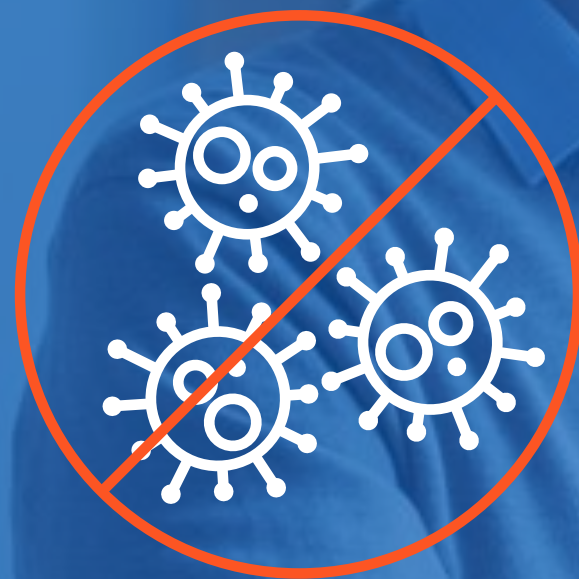
- Excluded patients with aplastic anemia & bone marrow failure
- Included 21% on higher than label eculizumab dose



McKinley CE, Richards SJ, Munir T, Griffin M, Mitchell LD, Arnold L, Riley K, Copeland N, Newton DJ, Hill A, Hillmen P. Extravascular hemolysis due to C3-loading in patients with PNH treated with eculizumab: defining the clinical syndrome. Blood. 2017;130:3471.

APL-2 safety

PNH



No evidence to date of any increased rate of infections



Infections follow normal resolution course

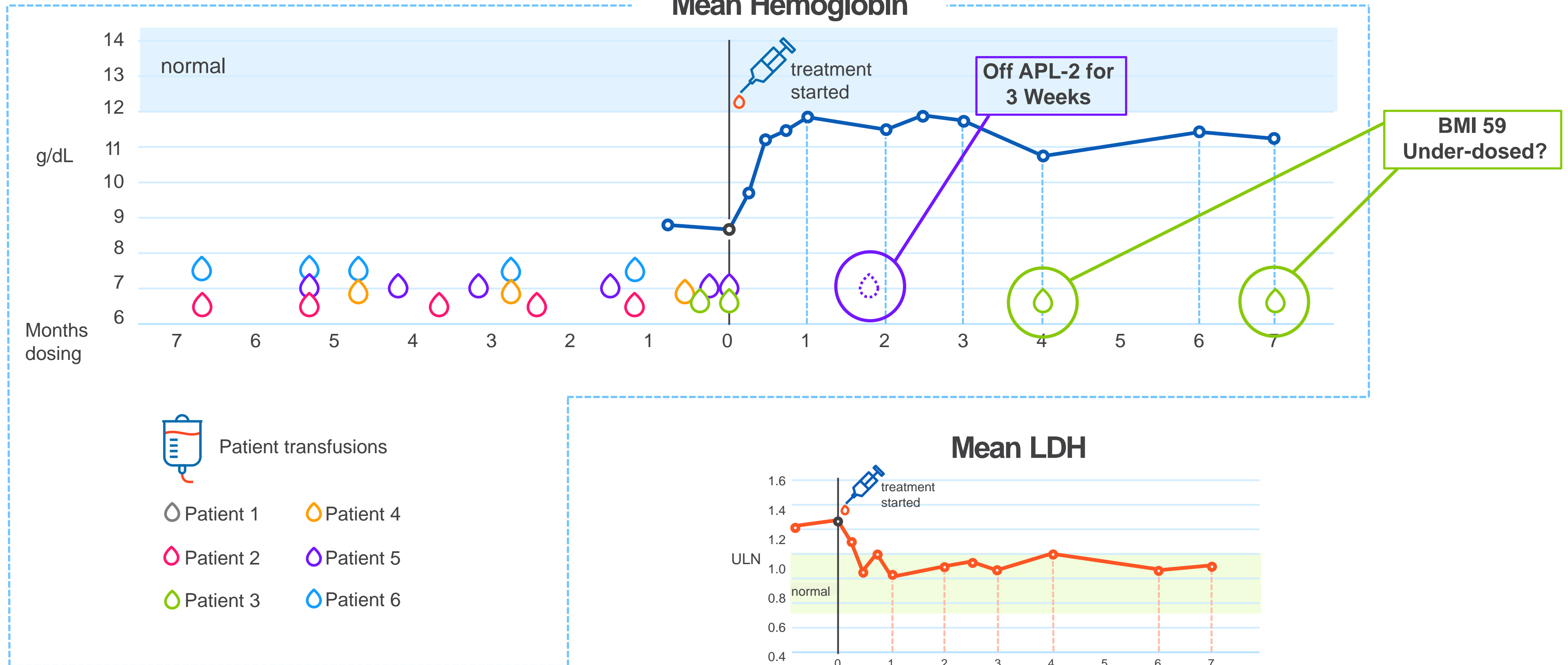


No transfusions in PNH patients without significant co-morbidities on full pharmacology

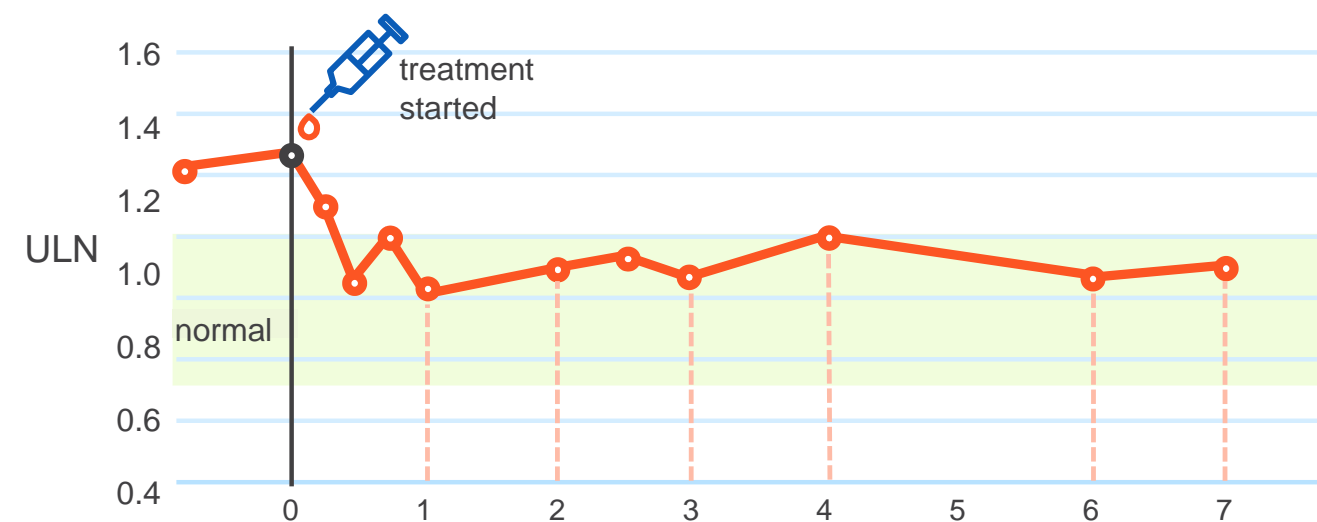
PHAROAH: APL-2 shows potential to improve eculizumab outcomes as add-on therapy in PNH – 270 mg/day, N=6

PNH

Mean Hemoglobin



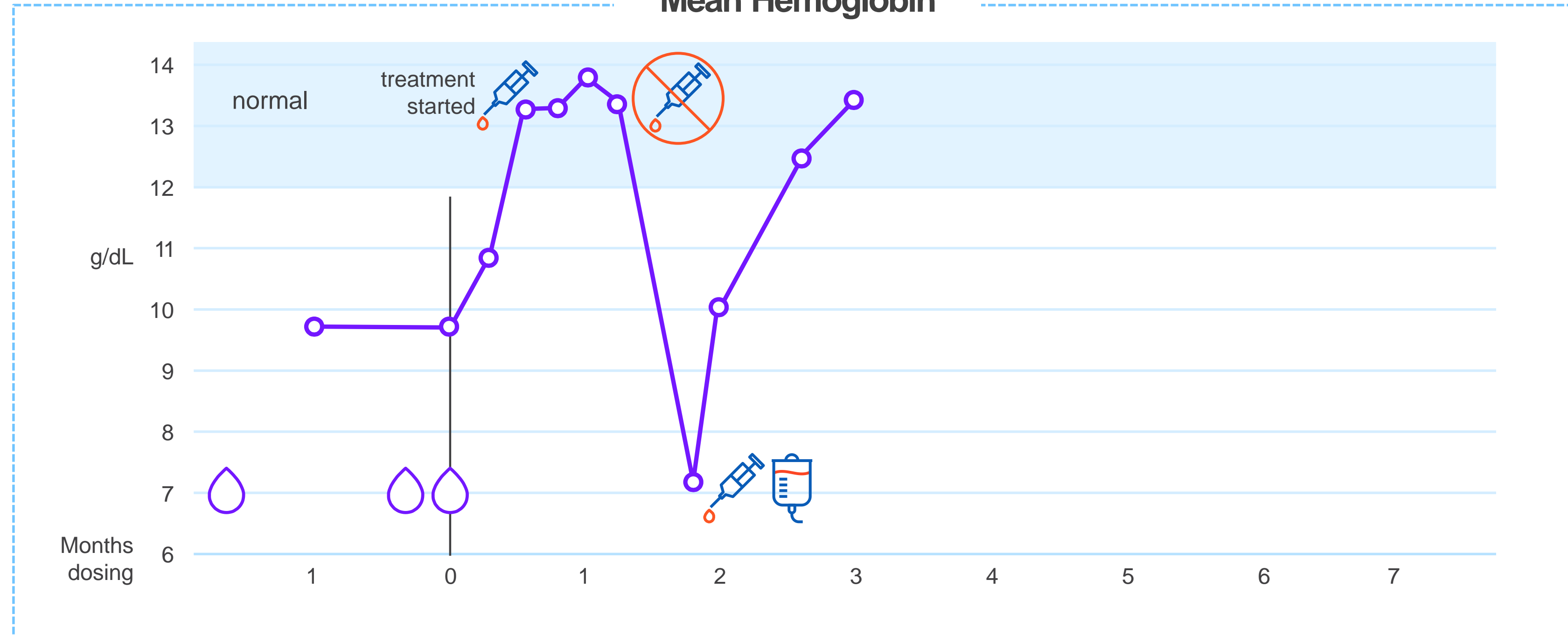
Mean LDH



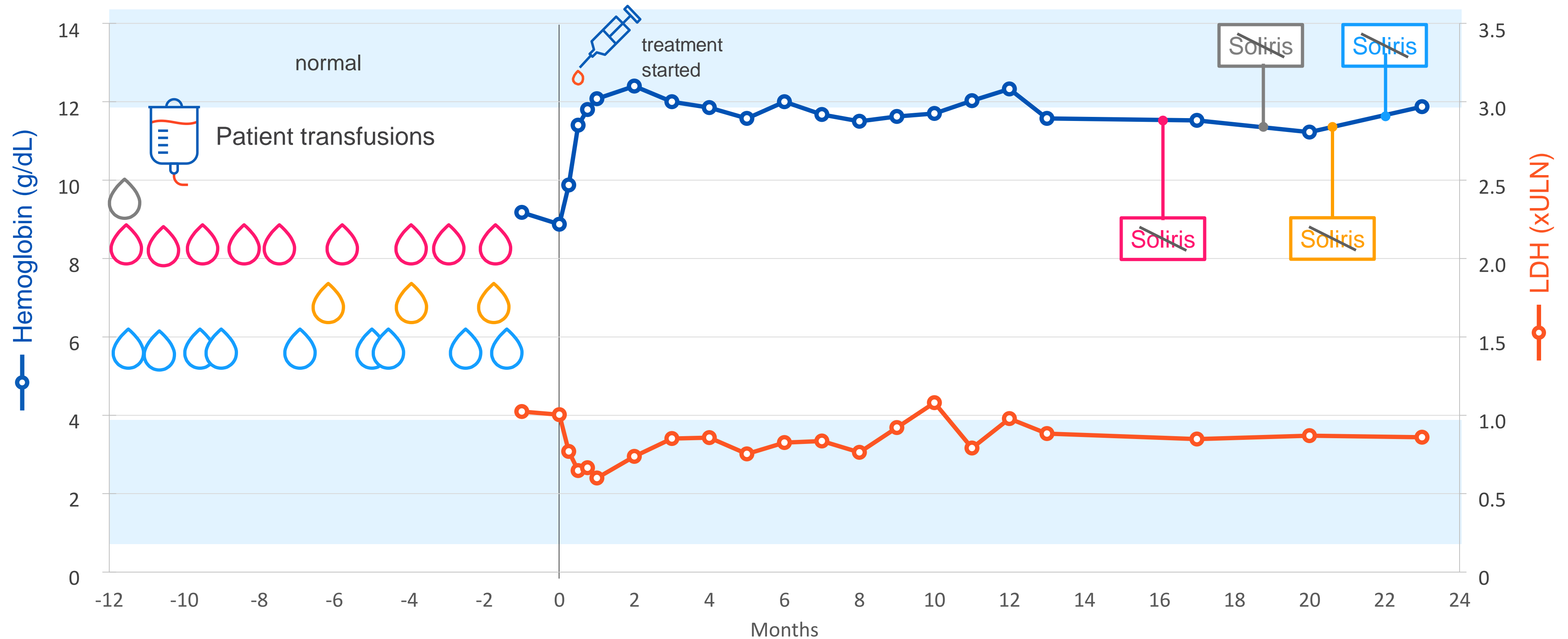
PHAROAH: APL-2 shows potential to improve eculizumab outcomes as add-on therapy in PNH – 270 mg/day, N=6

Patient 5




Mean Hemoglobin



PHAROAH: APL-2 add-on to Soliris® - all four patients successfully transitioned to APL-2 monotherapy



PHAROAH: APL-2 add-on to Soliris® - all four patients successfully transitioned to APL-2 monotherapy

	 Eculizumab Monotherapyⁱ	 APL-2 + Eculizumabⁱⁱ	 APL-2 Monotherapyⁱⁱⁱ
Hemoglobin (g/dL) *	8.9	11.9	11.4
Annual Transfusions (avg.)	6.0	0	0
LDH (ULN) *	1.0x	0.8x	0.9x
Reticulocytes (ULN)*	2.7x	1.2x	0.8x
Patient Years (Total)	NA	5.9 Years	1.9 Years
Multiple of Eculizumab Label Dose (900mg x 2wk.)	1.6x	1.0x	-

*Average last available reading for all four patients on each dosing regimen

(i) last reading during eculizumab monotherapy prior to co-treatment with APL-2

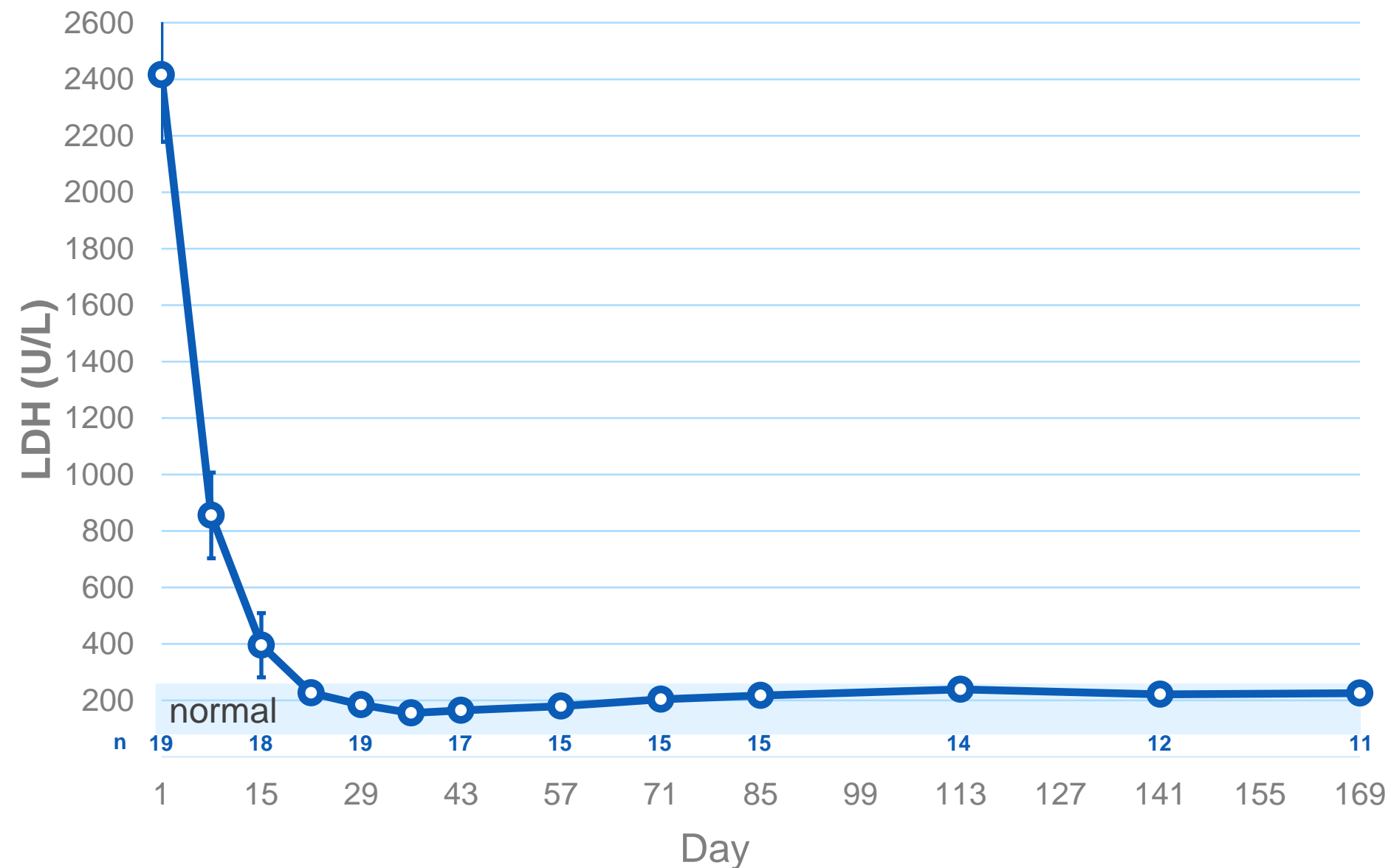
(ii) last reading during co-treatment and prior to APL-2 monotherapy

(iii) last reading while on APL-2 monotherapy

PADDOCK (interim): APL-2 shows potential to reach normal LDH levels as monotherapy in treatment in naïve PNH patients – 270 mg/day

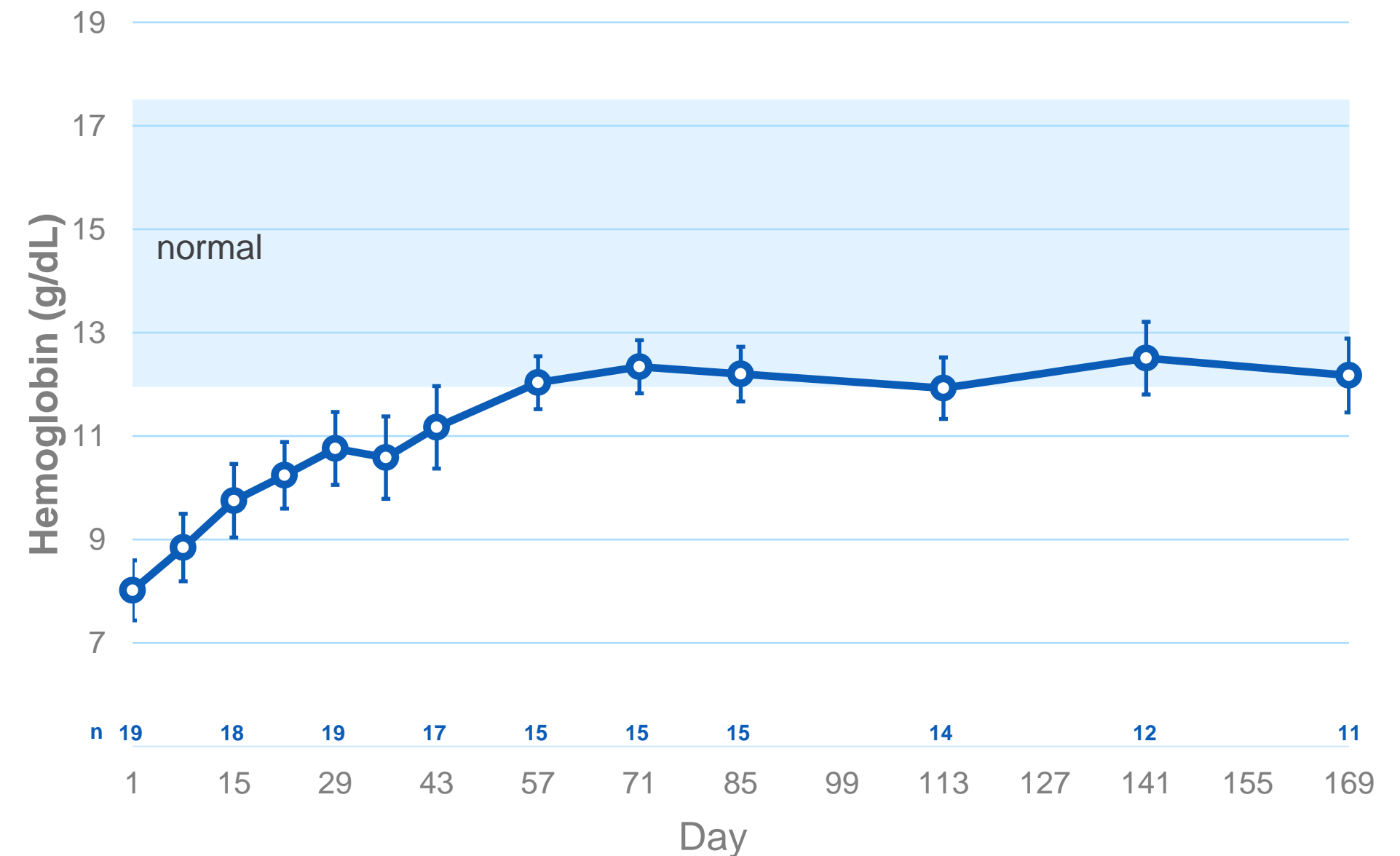
PNH

Decrease in LDH



- Reductions in LDH were rapid following initiation of APL-2 therapy, with 95% of subjects achieving an LDH in the normal range by day 29
- Reductions in LDH have been sustained and durable, with mean LDH maintained within the normal range at all timepoints beyond day 29

Increase in Hemoglobin

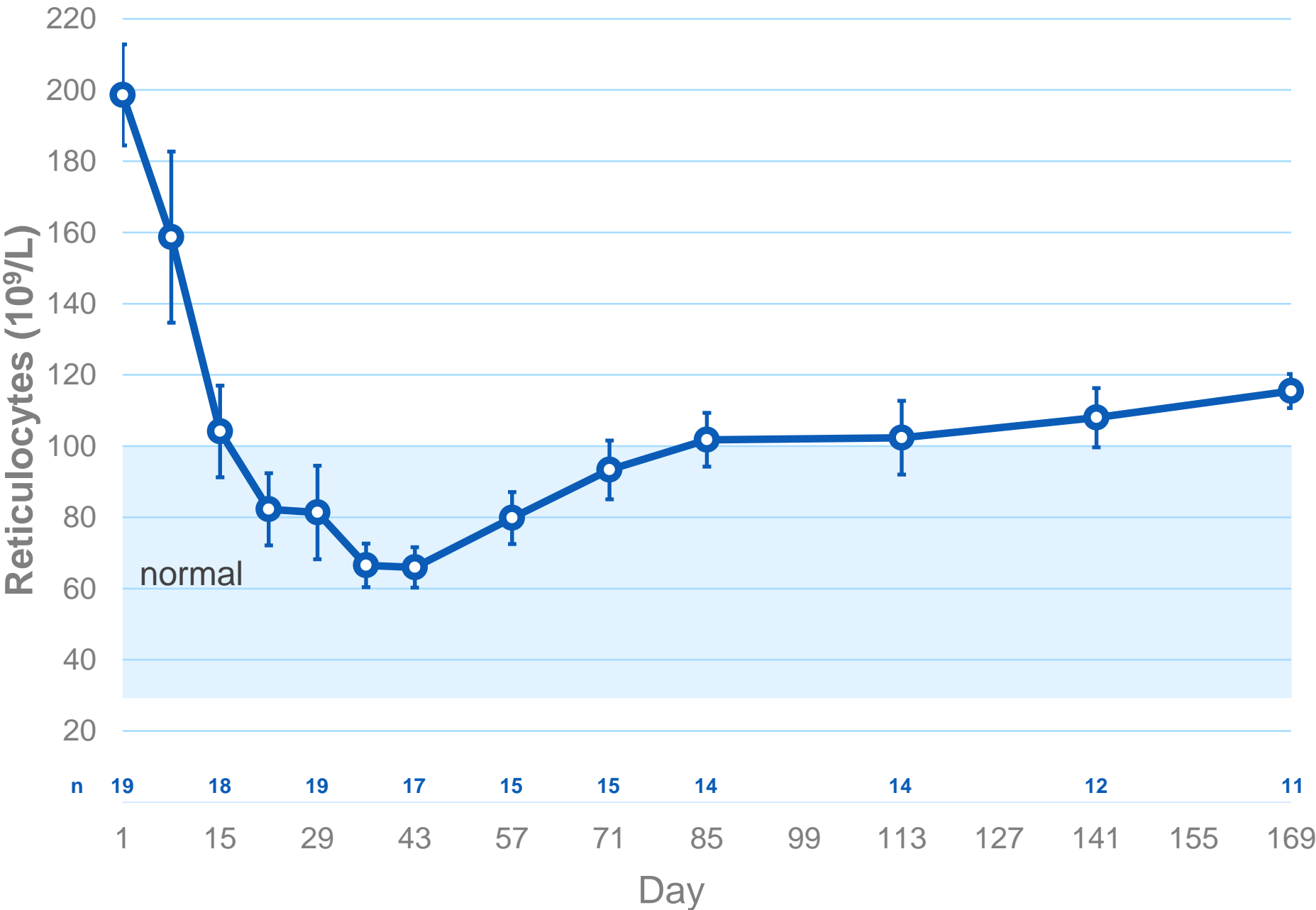


- All 19 subjects responded rapidly after initiating APL-2 therapy, and by day 29 mean baseline Hb increased from 8.0 g/dL to 10.8 g/dL
- Increases in Hb were sustained and durable as represented by a mean Hb of 12.2 g/dL at day 85

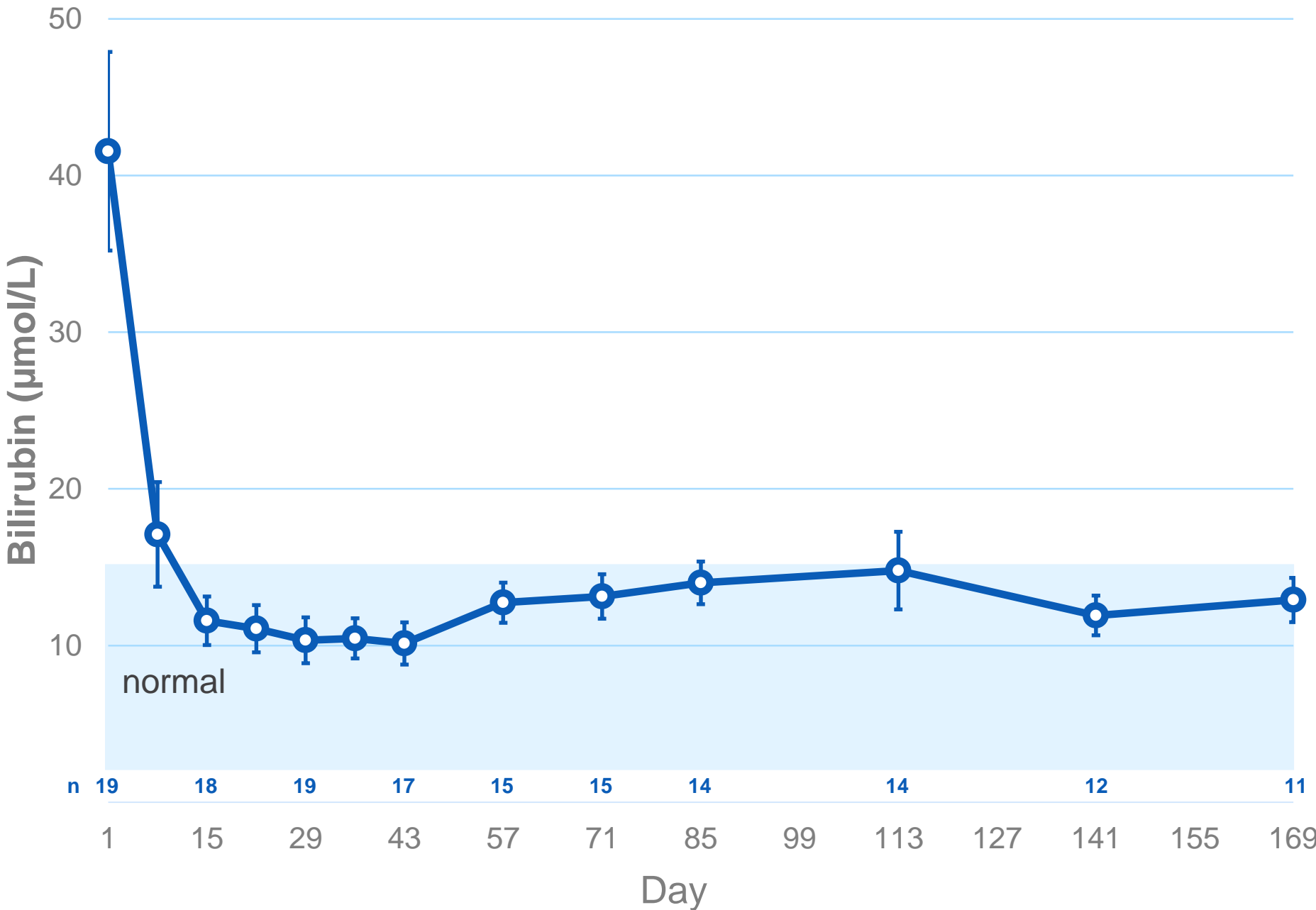
PADDOCK (interim): other measures of anemia meaningfully improved with APL-2 including reticulocytes and bilirubin

PNH

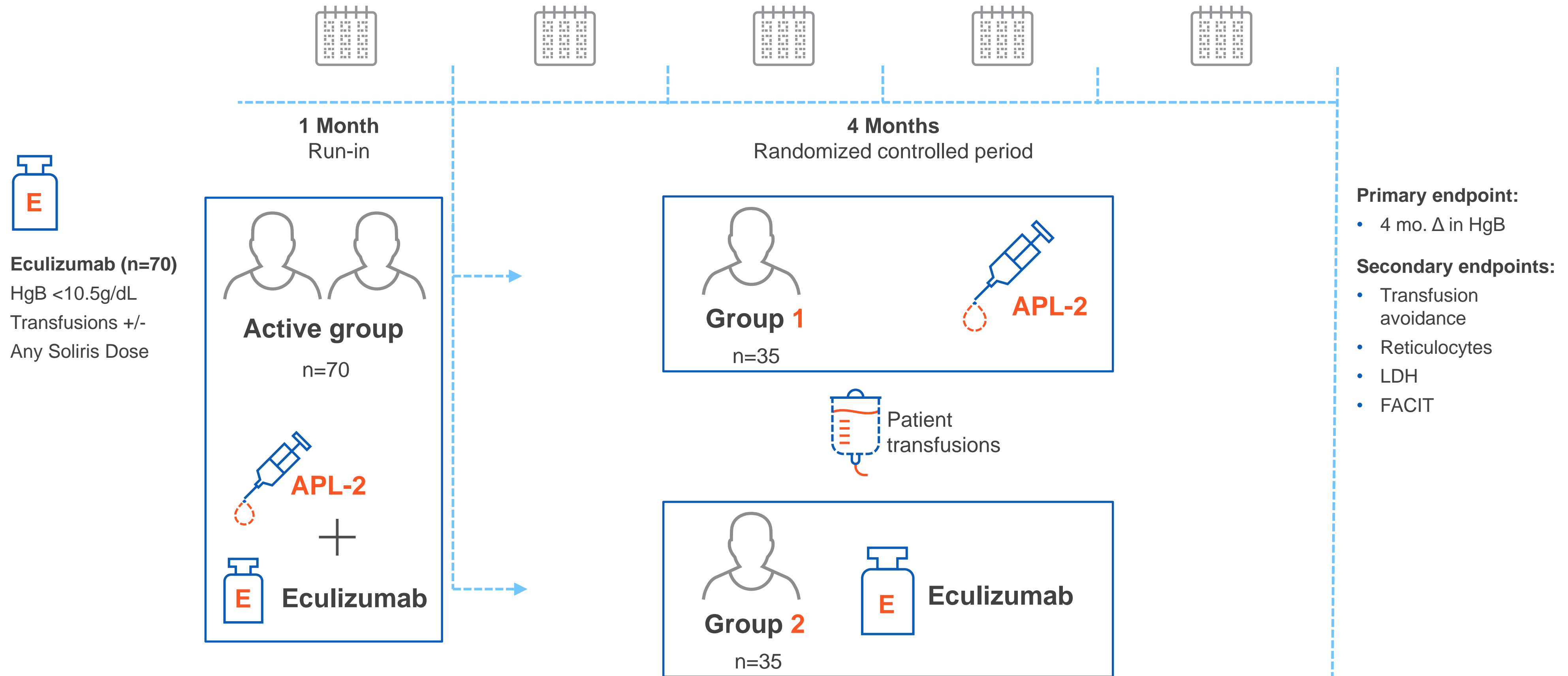
Decrease in Absolute Reticulocyte Count (ARC)



Decrease in Serum Total Bilirubin

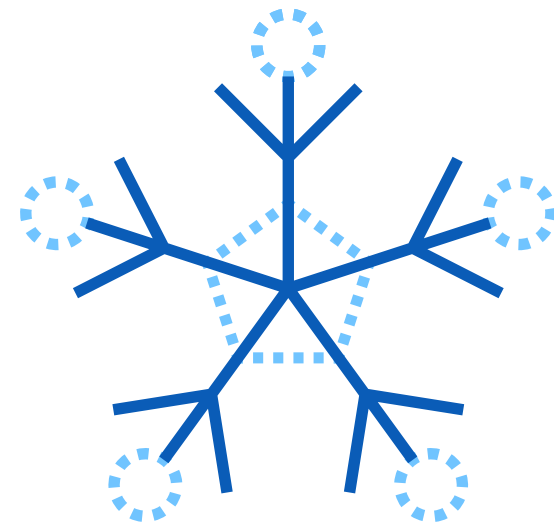


PEGASUS – Phase 3 head to head vs. Soliris®



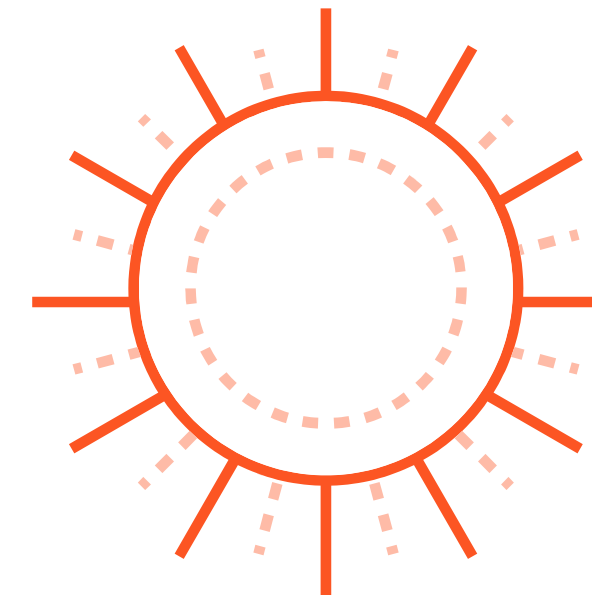
Autoimmune hemolytic anemia (AIHA) is a group of rare autoimmune disorders characterized by the premature hemolysis of red blood cells (RBCs) by autoantibodies

AIHA presents in two common forms



Cold Agglutinin Disease

Typically associated with IgM autoantibodies – 13-15% of cases



Warm Antibody AIHA

Typically associated with IgG autoantibodies - 60-70% of cases

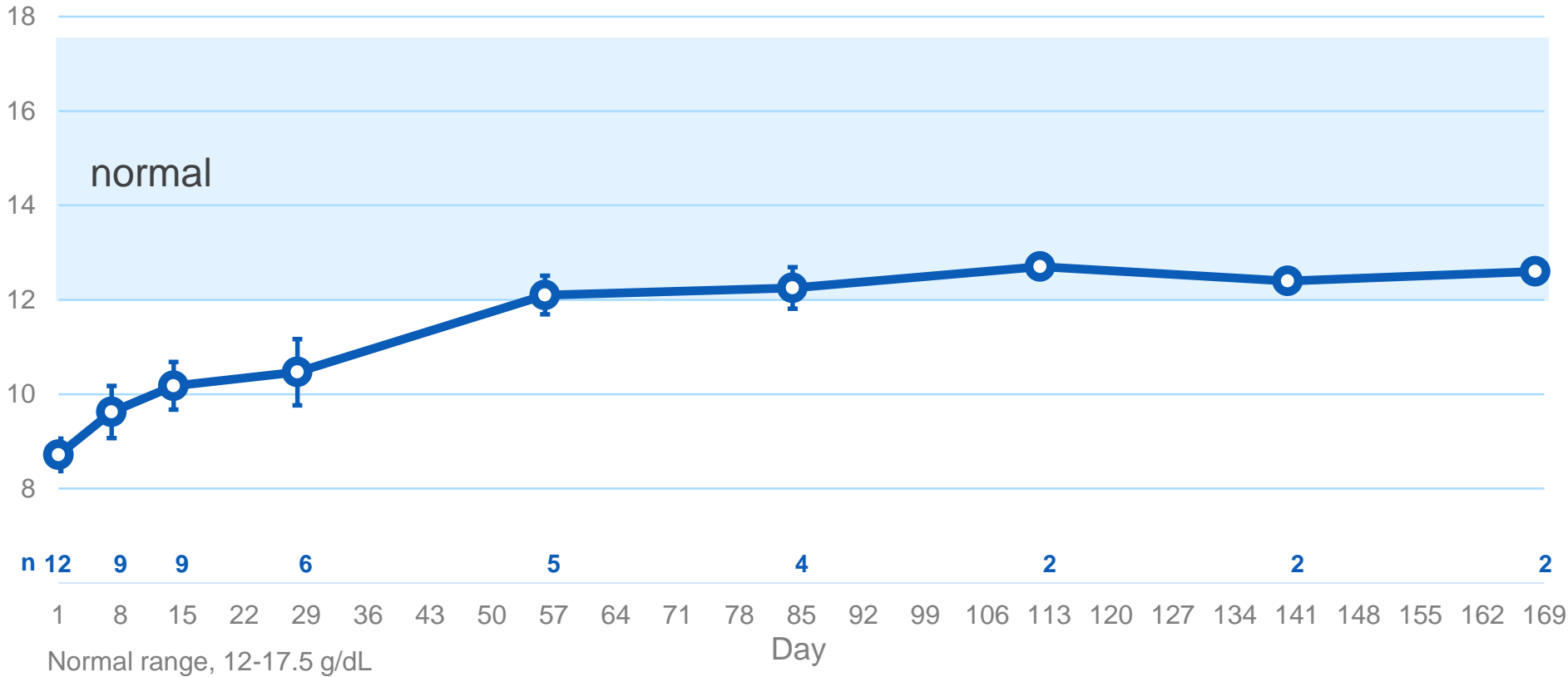
Est. 40,000 AIHA patients worldwide



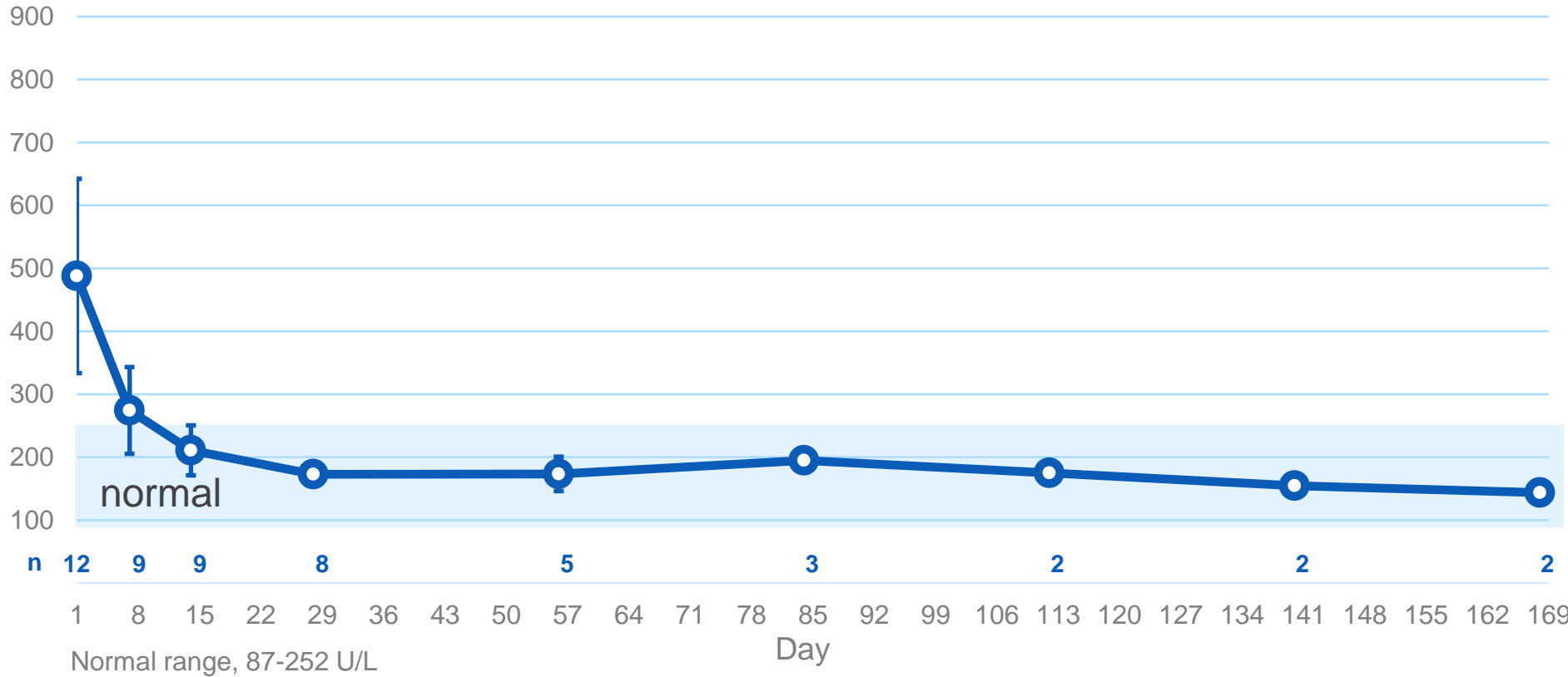
APL-2 in Cold Agglutinin Disease – preliminary data

CAD

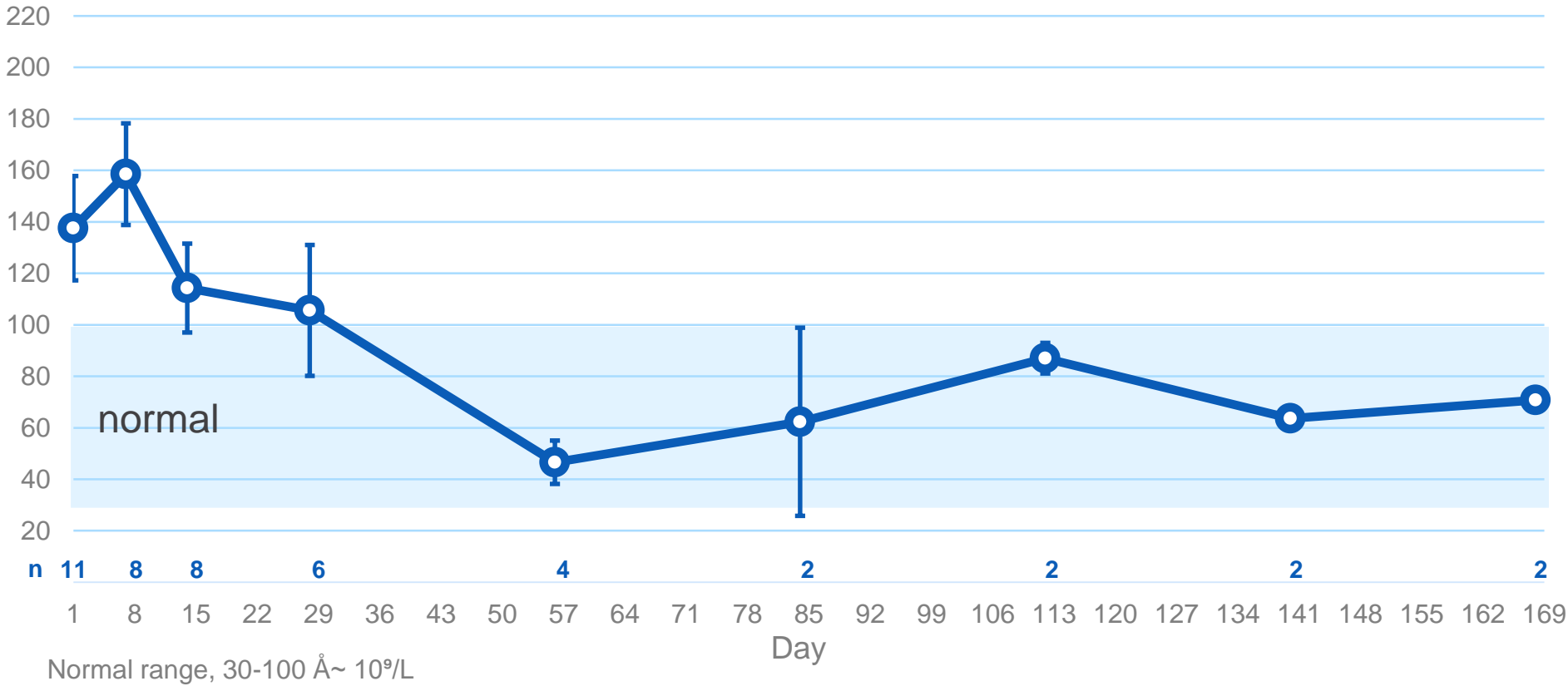
Hemoglobin (g/dL)



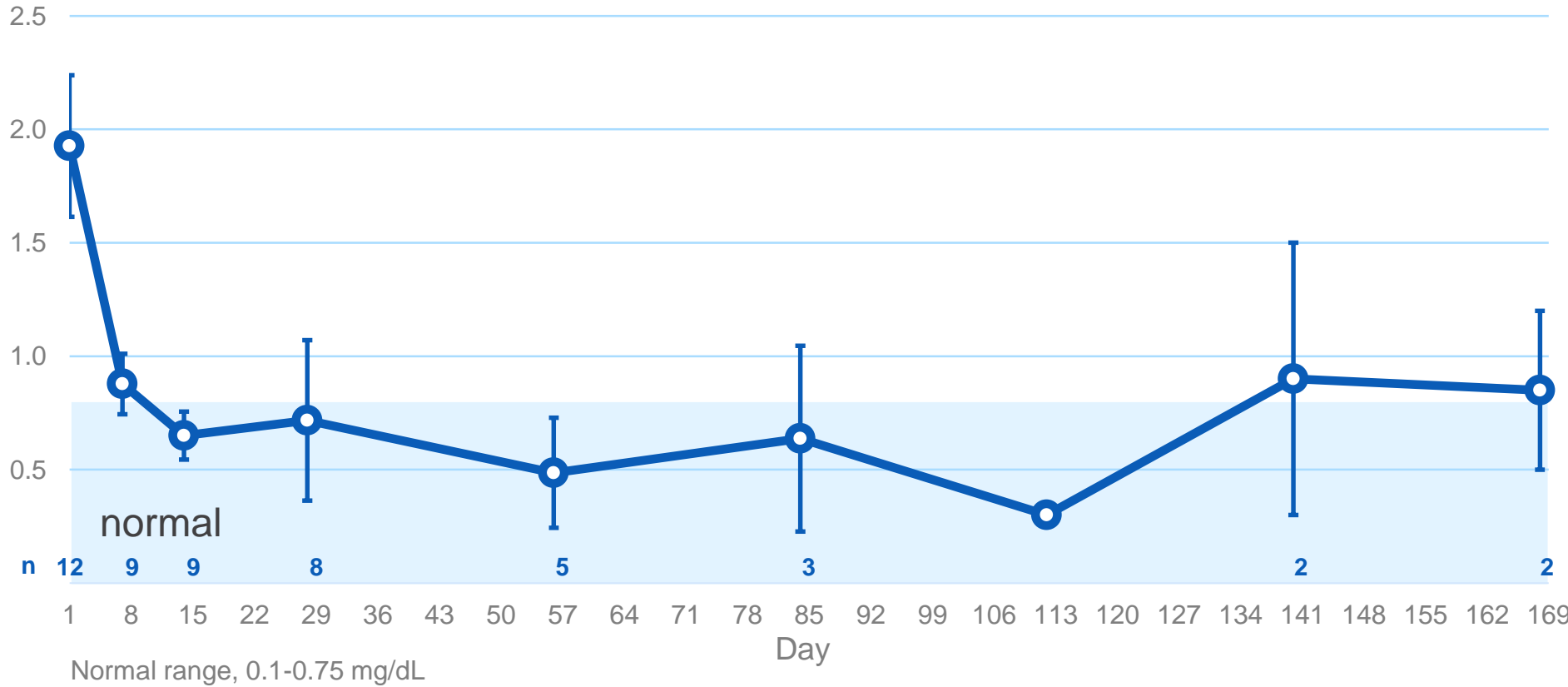
LDH (U/L)

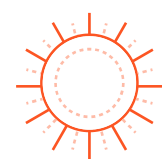


Reticulocytes (10⁹/L)



Indirect Bilirubin (mg/dL)

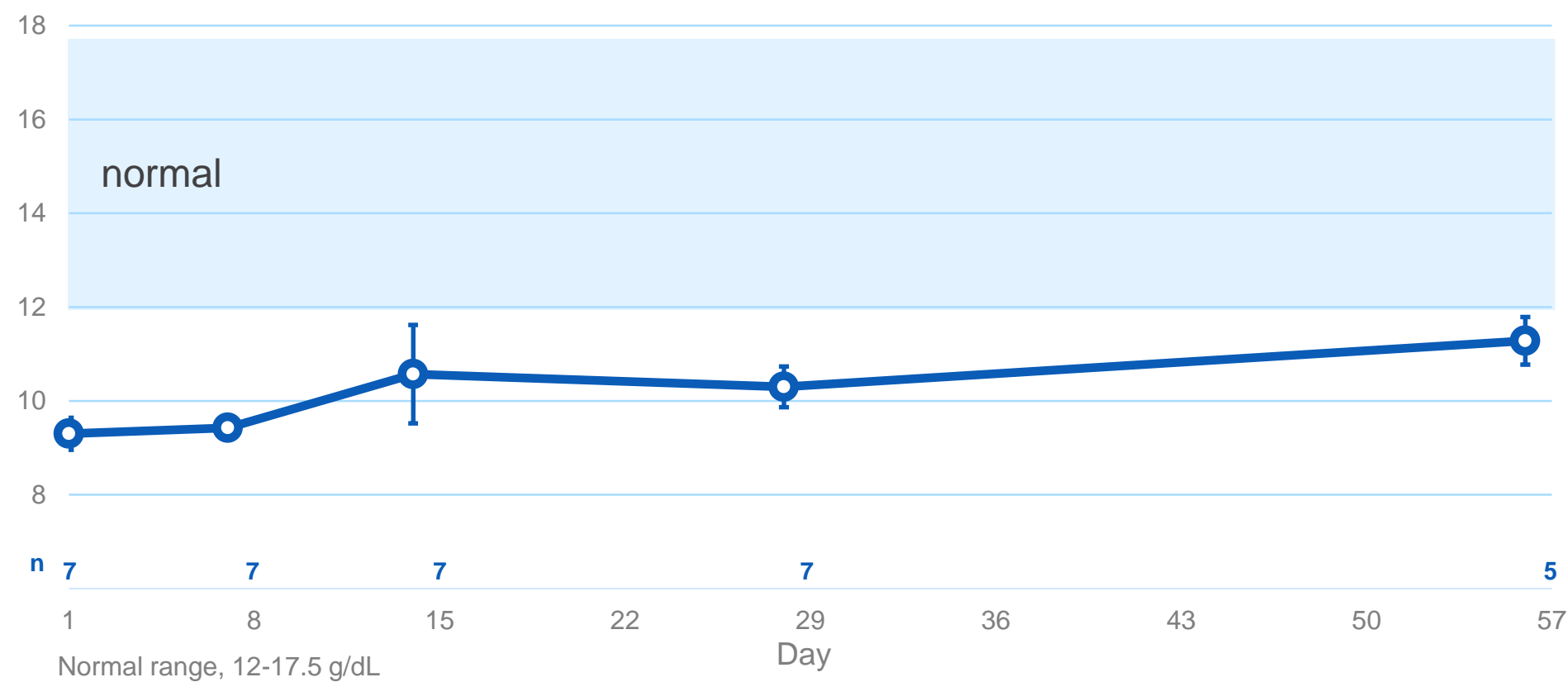




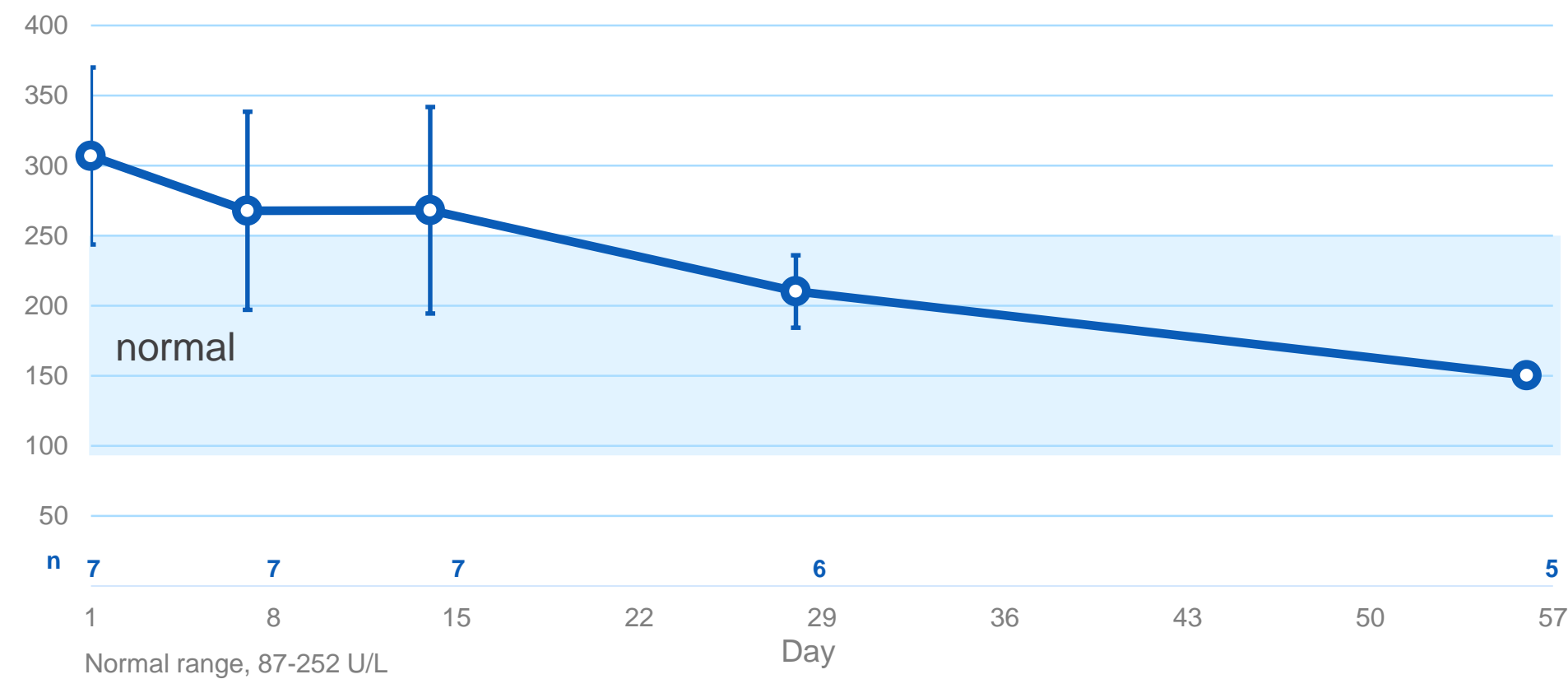
APL-2 in DAT C3+ Warm Antibody AIHA – preliminary data

WAIHA

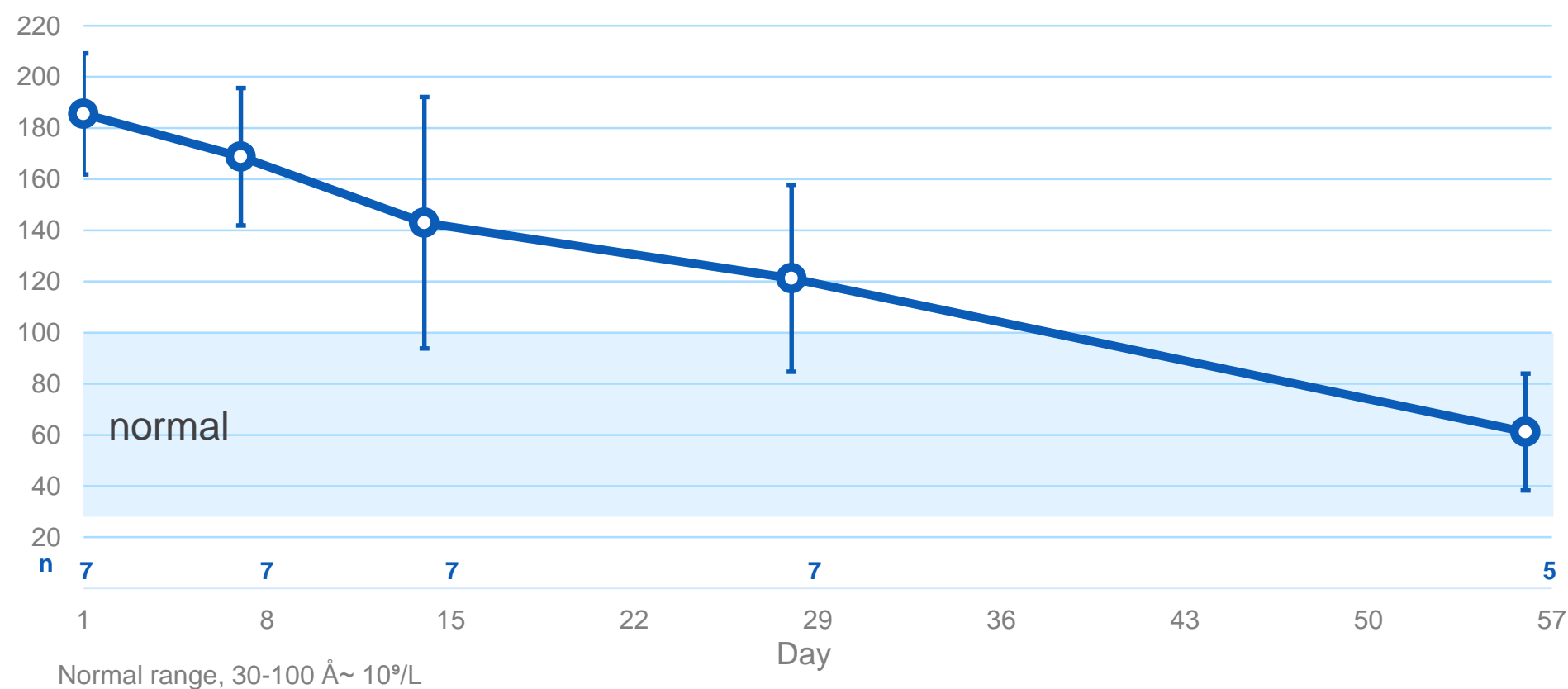
Hemoglobin (g/dL)



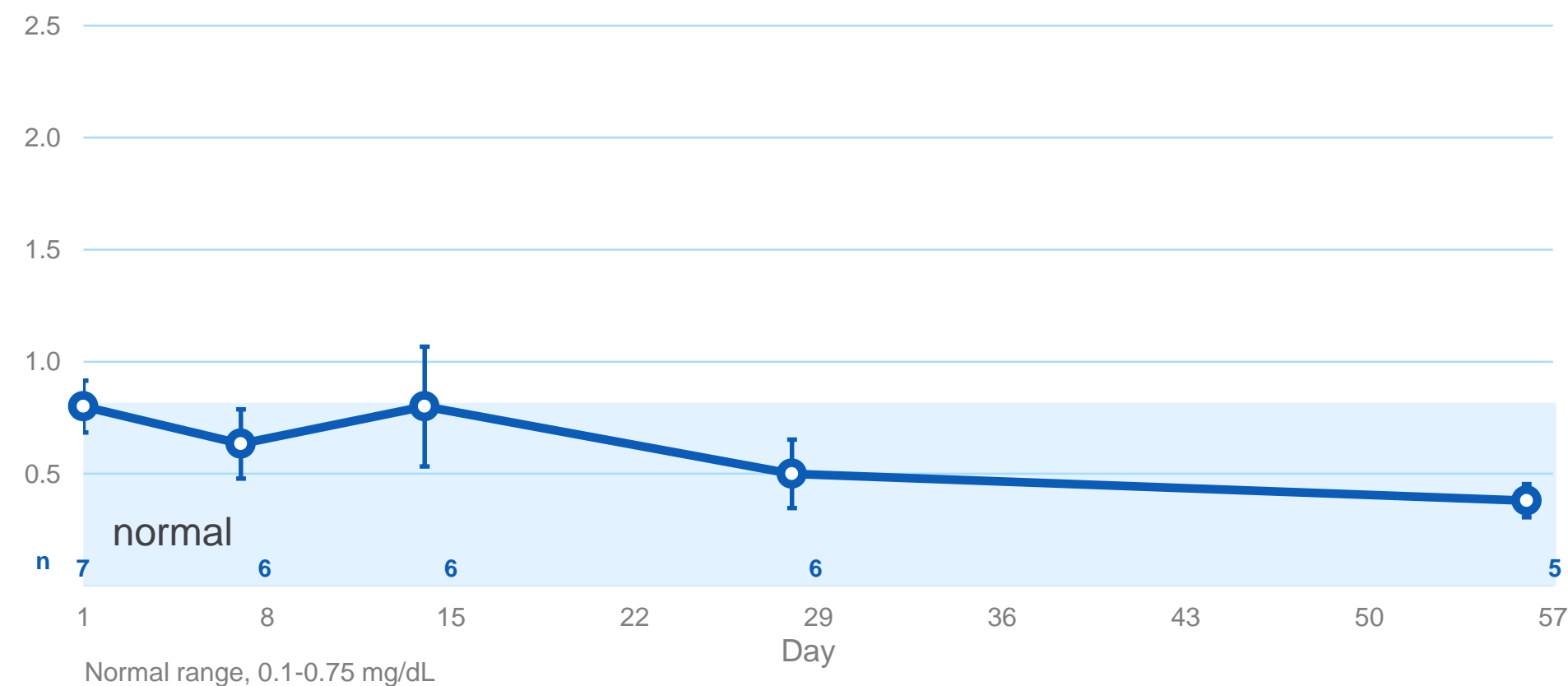
LDH (U/L)



Reticulocytes ($10^9/L$)



Indirect Bilirubin (mg/dL)



A close-up photograph of a human eye, looking directly at the camera. The image is heavily stylized with a solid blue overlay, which is darker in the center and lighter towards the edges. The eyelashes are visible and appear as dark, curved lines against the blue background. The iris and pupil are visible in the center, though the blue overlay makes them appear more monochromatic.

OPHTHALMOLOGY

GEOGRAPHIC ATROPHY

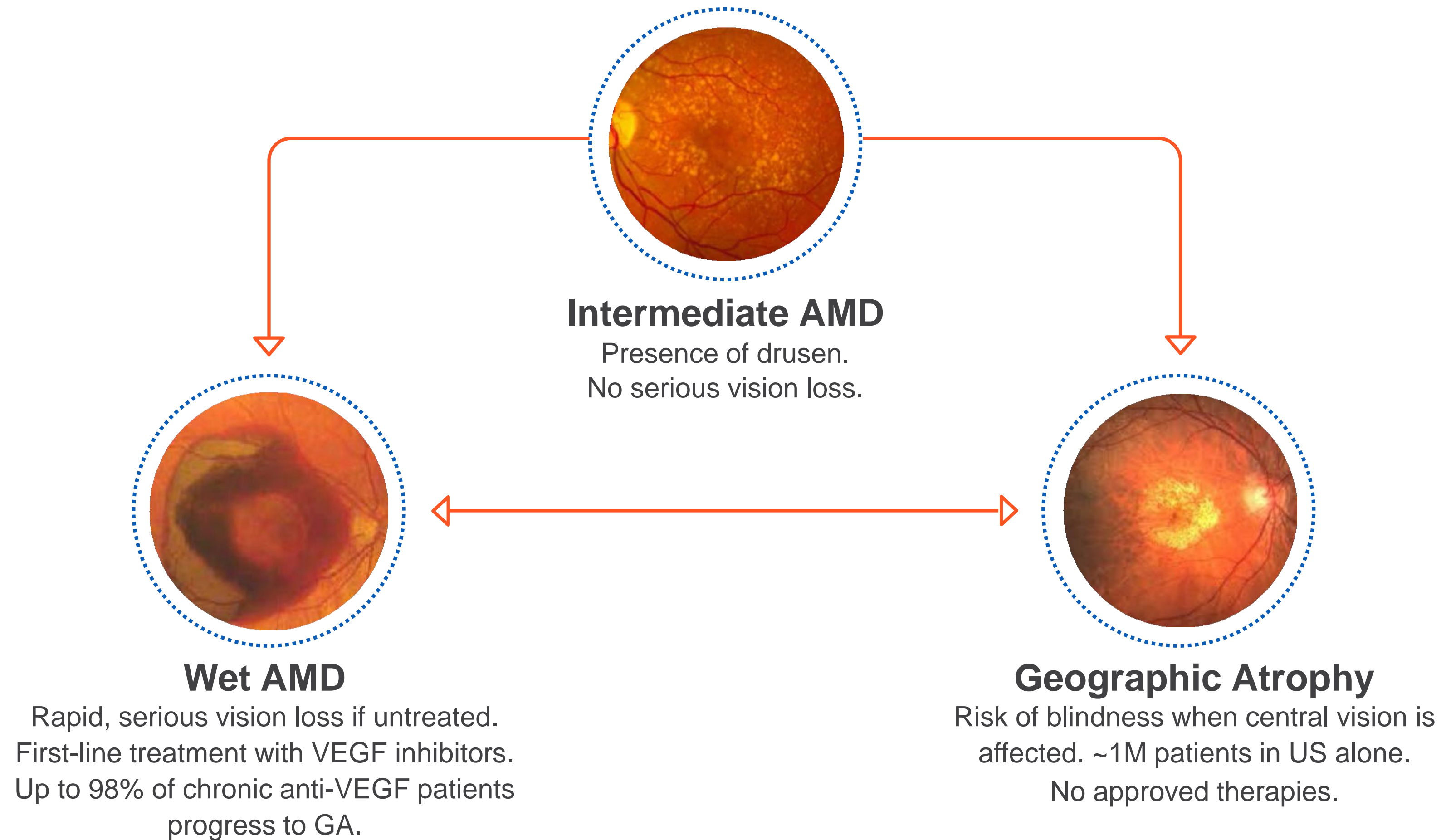
Geographic Atrophy Impacts

One Million People

in the U.S. Alone

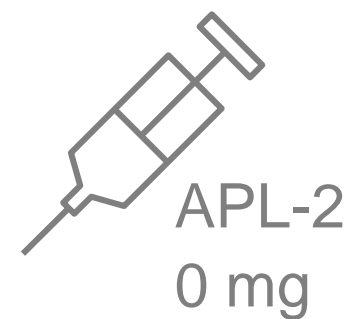
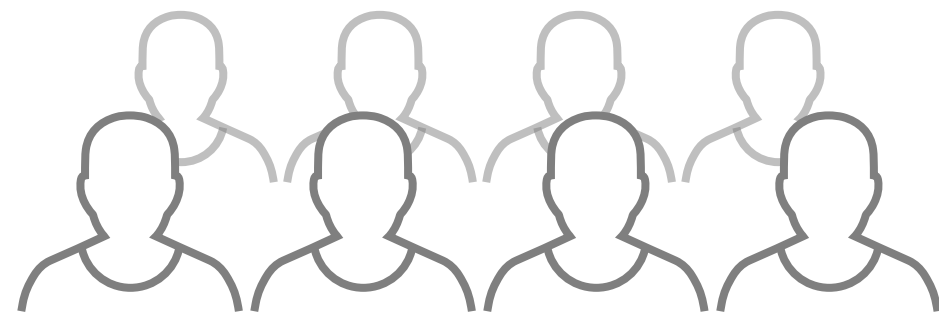


Geographic Atrophy - the leading cause of blindness



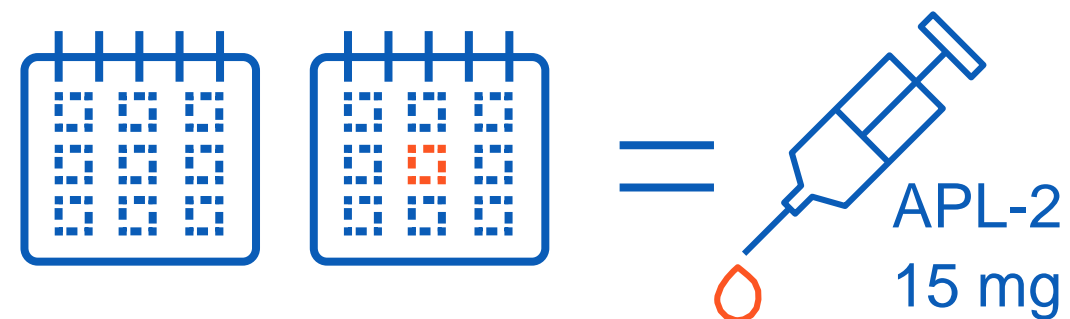
FILLY - Phase 2 study of APL-2 in Geographic Atrophy

Sham group, n=81 (pooled)



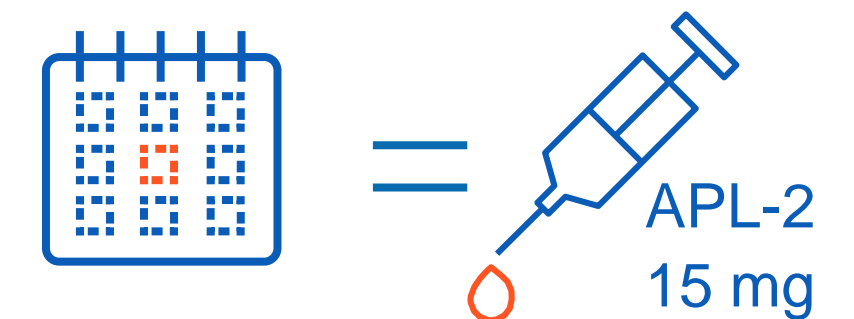
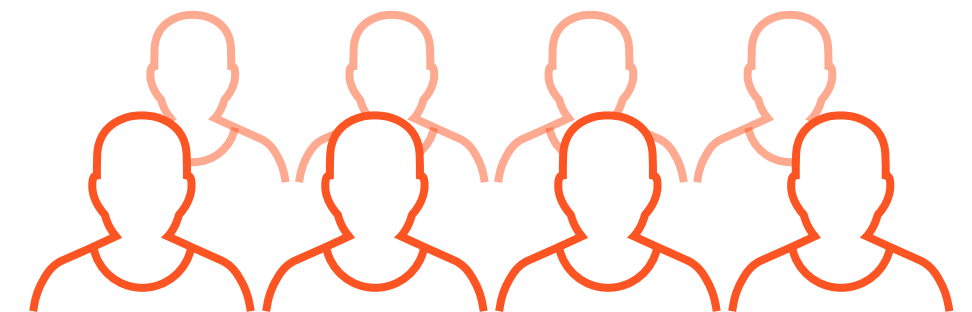
Sham injections

APL-2 EOM, n=79



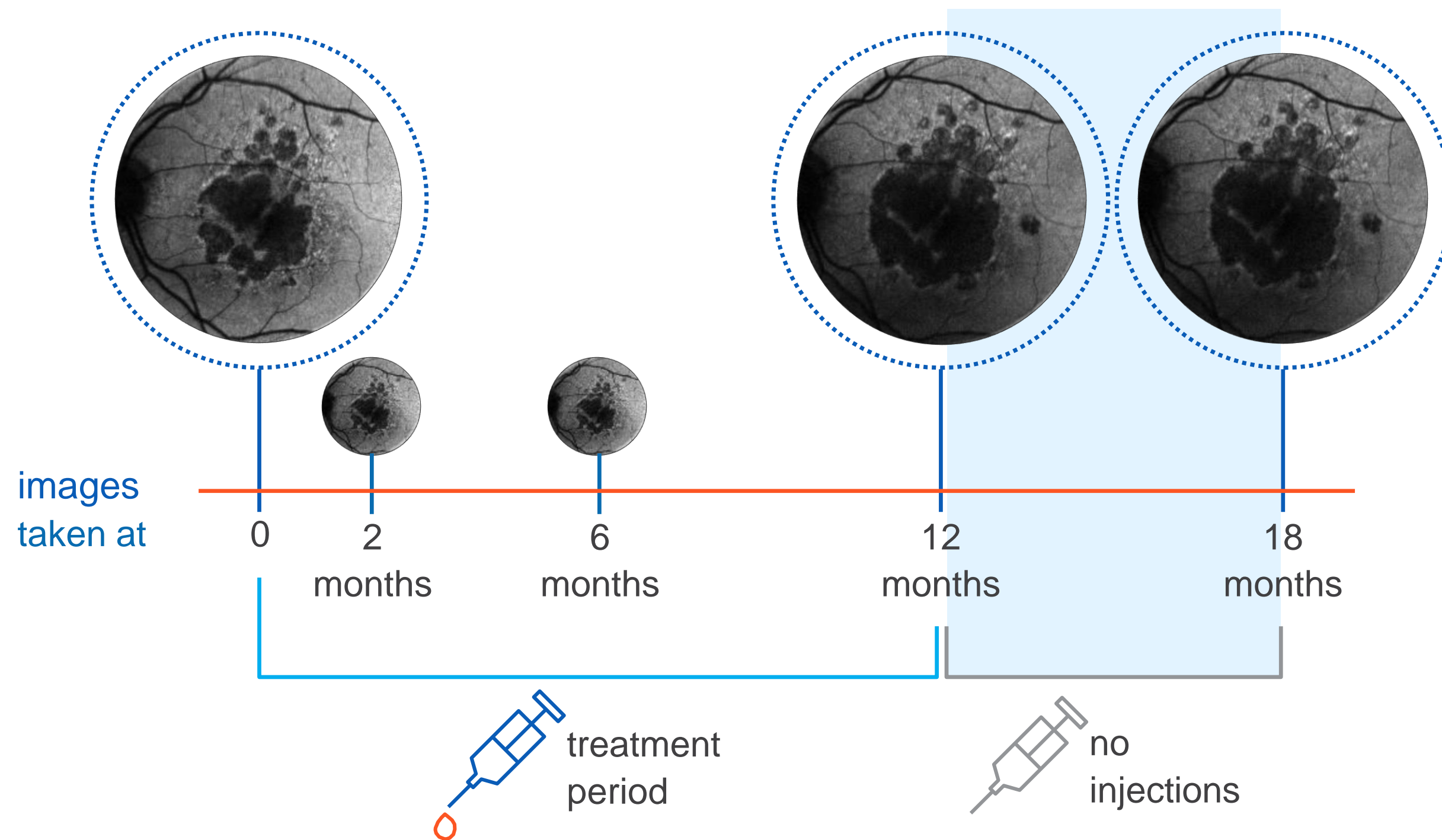
APL-2 injections every other month

APL-2 Monthly, n=86



APL-2 injections every month

FILLY – timeline and endpoints






Primary efficacy endpoint is the primary registration endpoint

Change in geographic atrophy (GA) lesion size from baseline to month 12.

Primary safety endpoint

Number and severity of local and systemic treatment emergent adverse events (TEAEs).

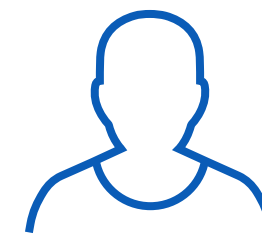
FILLY baseline characteristics

	 Sham injections N=81	 APL-2 every other month N=79	 APL-2 monthly N=86
Bilateral GA, n (%)	72 (90.0%)	64 (82.1%)	71 (85.5%)
History of CNV in Fellow Eye, n (%)	29 (35.8%)	28 (35.4%)	36 (41.9%)
GA lesion size, mean, mm ² (SD)	8.2 (4.1)	8.9 (4.5)	8.0 (3.8)
BCVA score, mean letters (SD)	59.8 (17.2)	58.4 (16.0)	59.8 (15.7)
BCVA score (Snellen equivalent)	20/63	20/80	20/63
LL-BCVA score, mean letters (SD)	33.6 (17.8)	31.4 (17.1)	36.3 (16.6)

APL-2 slowed GA growth at 12 months (square root) – primary endpoint



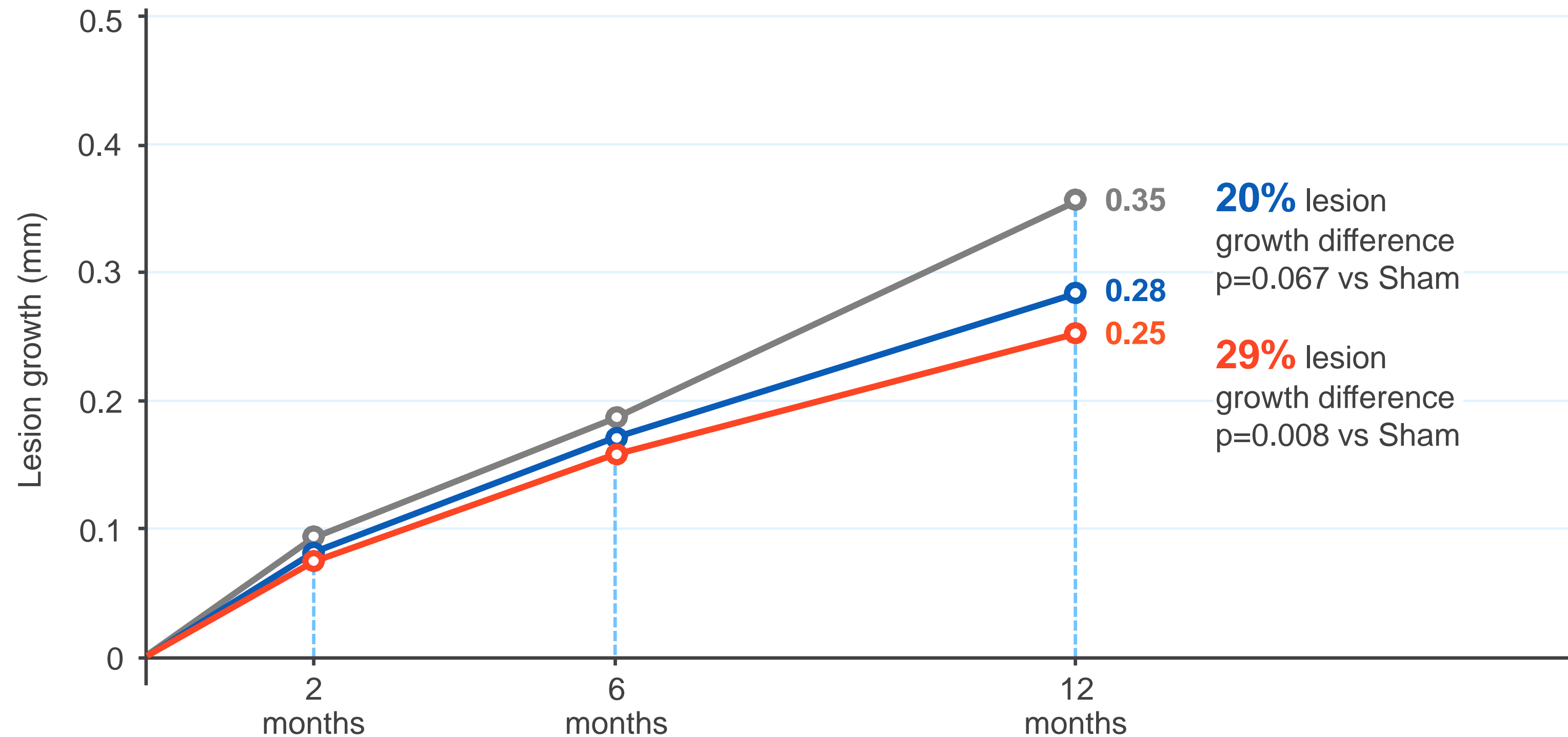
sham
injections



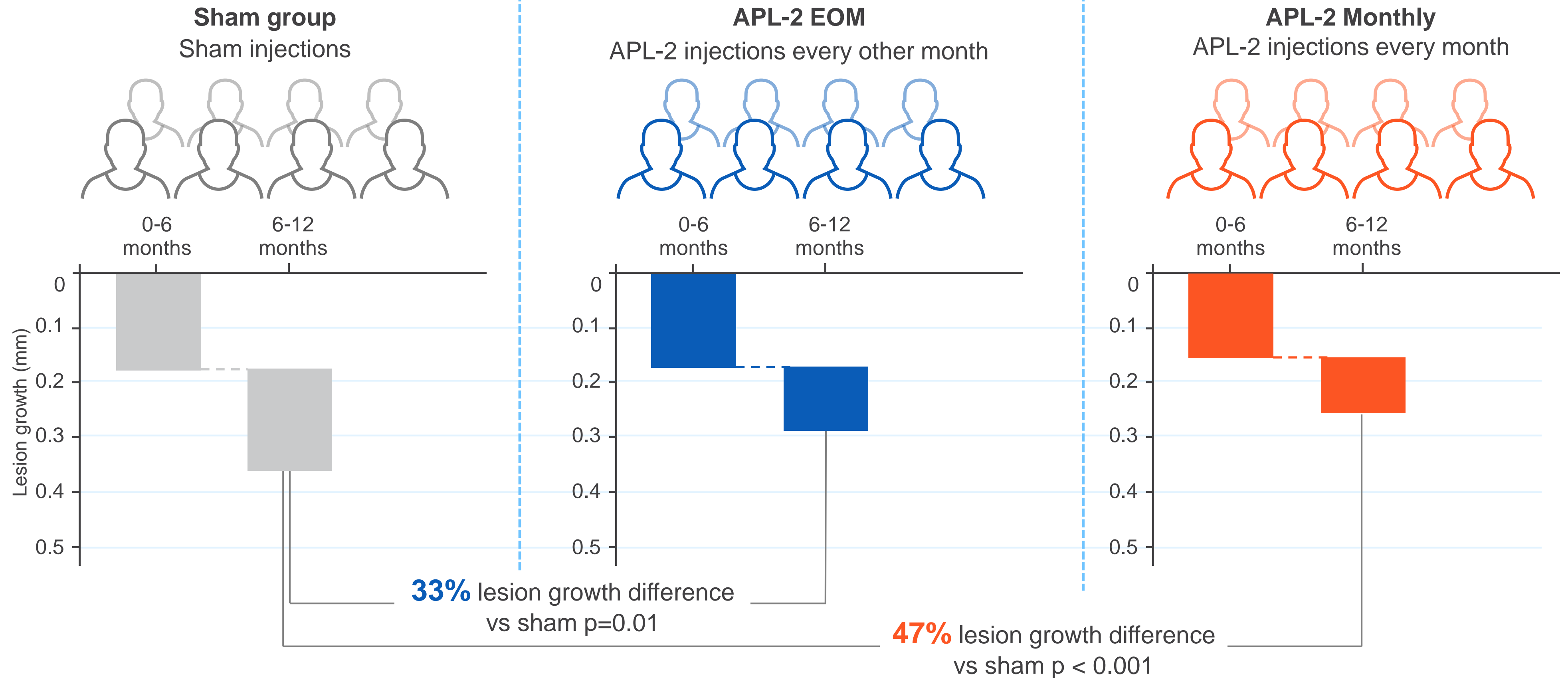
APL-2 every
other month



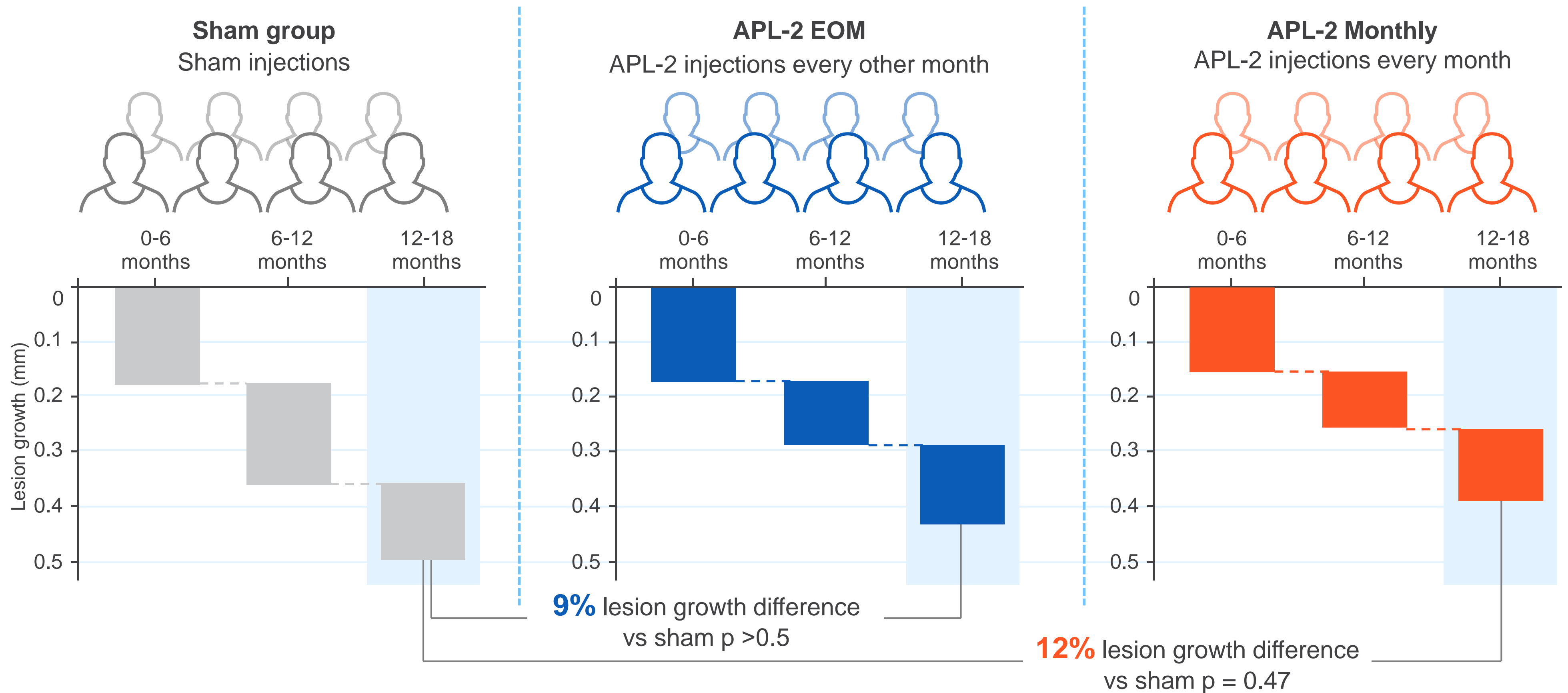
APL-2
monthly



Lesion growth by six-month periods (*square root*) - *post hoc analysis*



Lesion growth by six-month periods (*square root*) - *post hoc analysis*



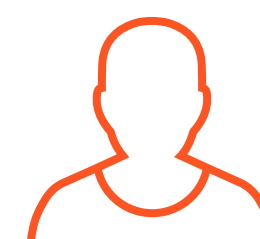
After cessation of treatment at 12 months, GA growth resumes but treatment effect is maintained through 18 months (square root)



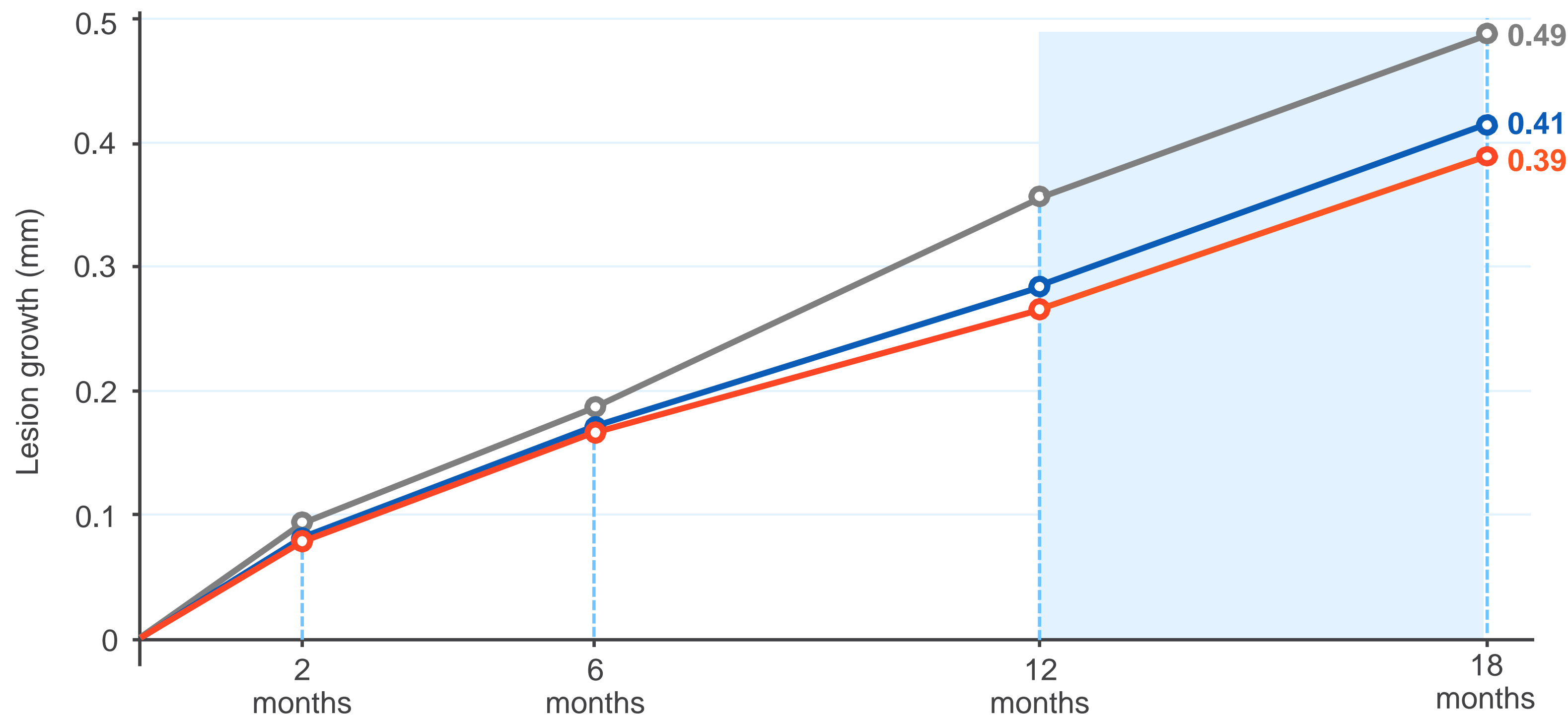
sham
injections



APL-2 every
other month



APL-2
monthly



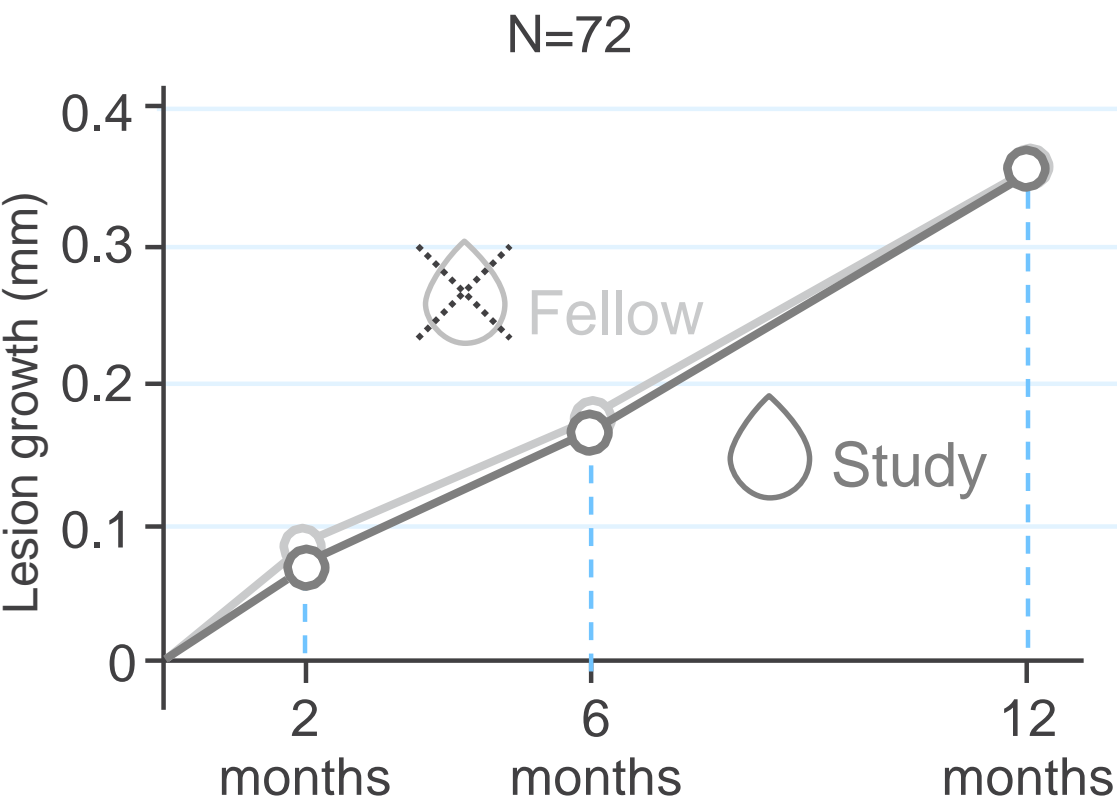
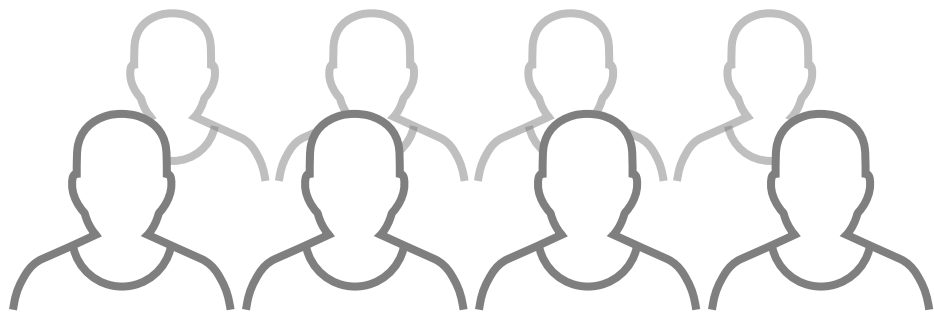
16% lesion
growth difference
 $p=0.097$ vs Sham

20% lesion
growth difference
 $p=0.044$ vs Sham

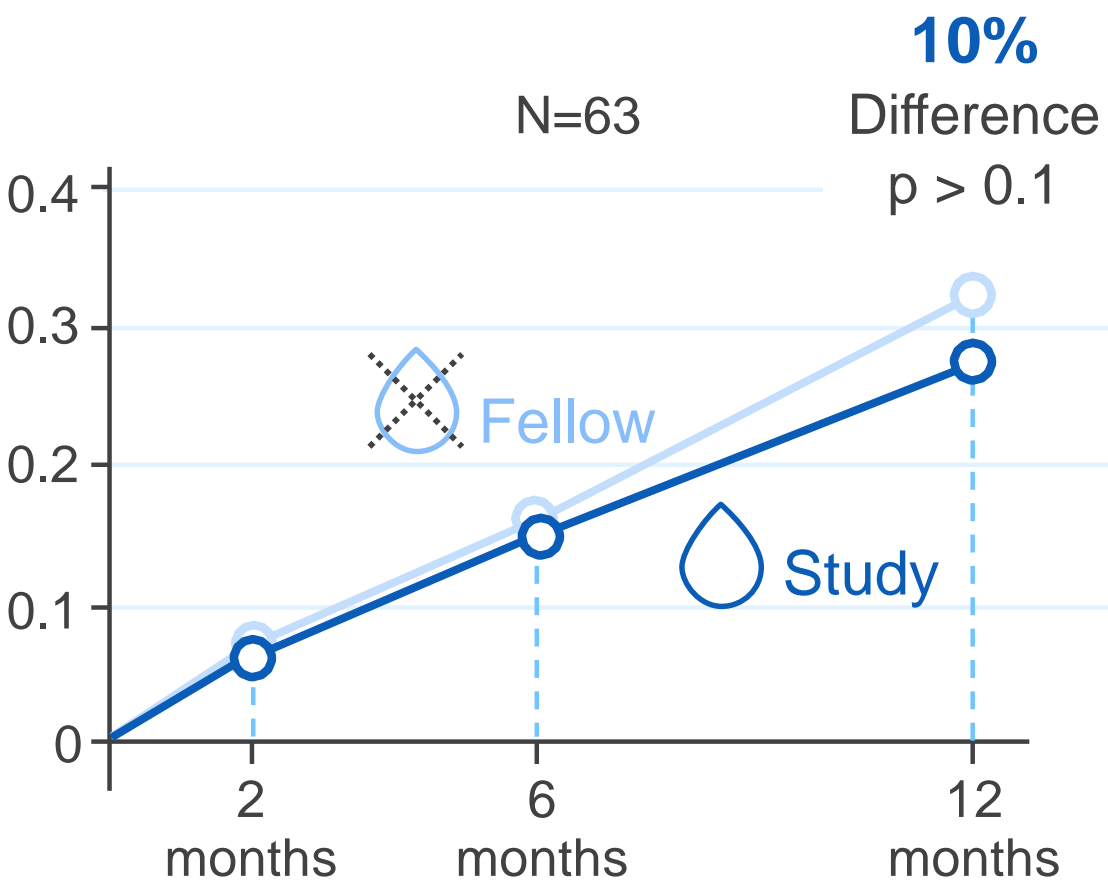
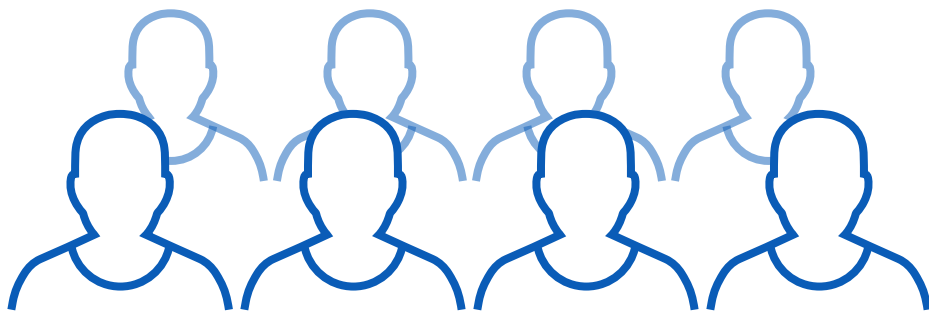
GA growth comparison: fellow eye vs study eye

- *post hoc analysis*

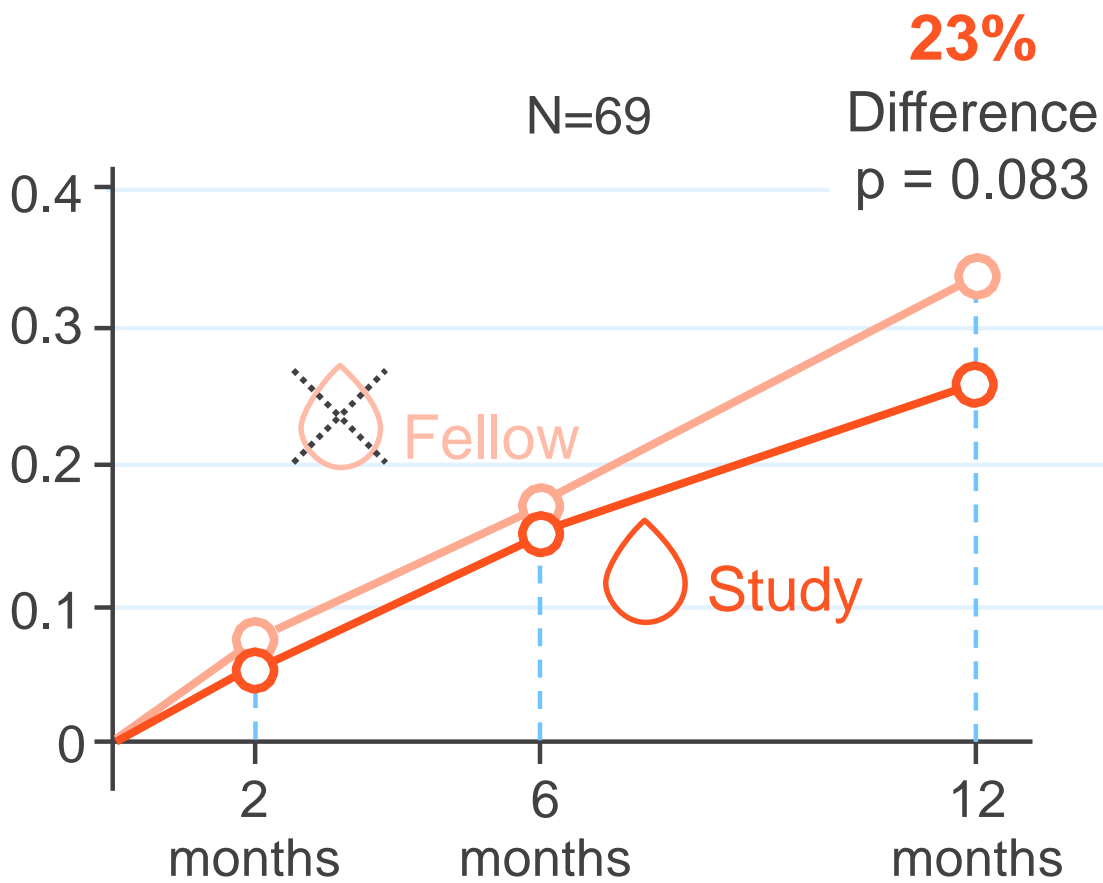
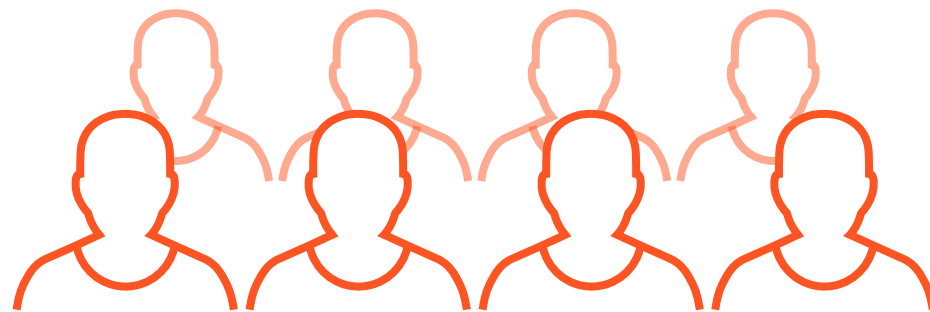
Sham group
Sham injections



APL-2 EOM
APL-2 injections every other month



APL-2 Monthly
APL-2 injections every month



New onset exudations

FILLY: 38% of enrolled patients had wet AMD in the non-study eye (fellow eye), balanced between the three groups.

Sham group
(n=81)



Fellow
eye DRY

1%

APL-2 EOM
(n=79)



Fellow
eye DRY



Fellow eye WET

9%

APL-2 Monthly
(n=86)



Fellow eye DRY

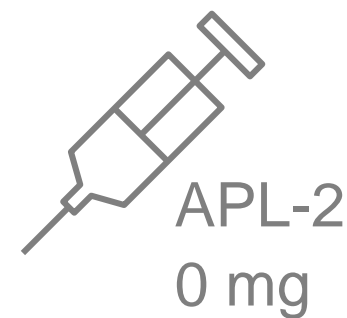
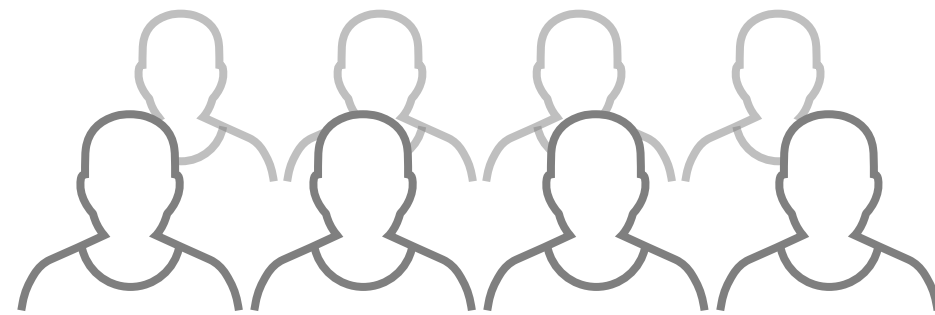


Fellow eye WET

21%

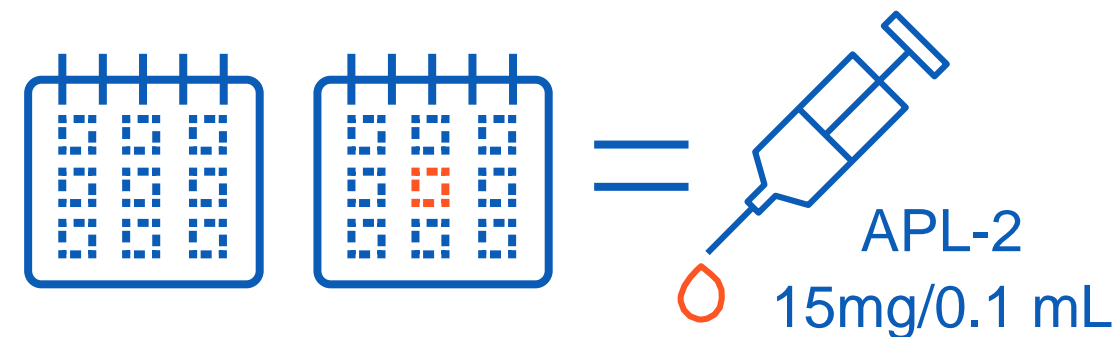
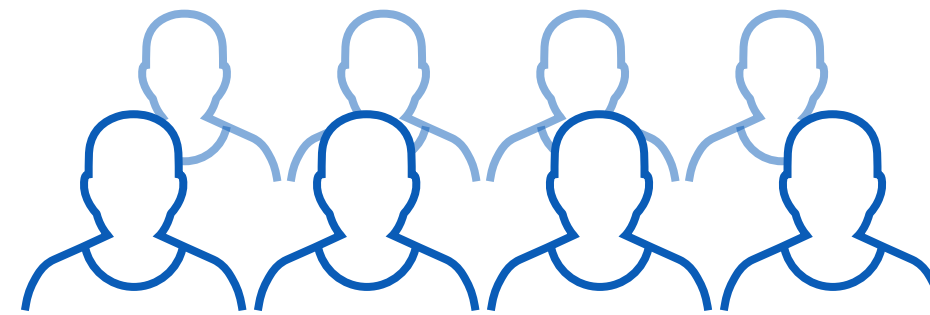
DERBY & OAKS - Phase 3 Program Overview

Sham group, n=200 (pooled)



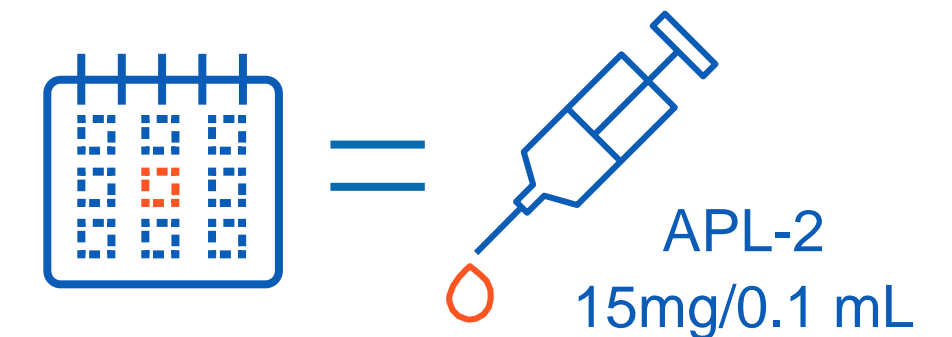
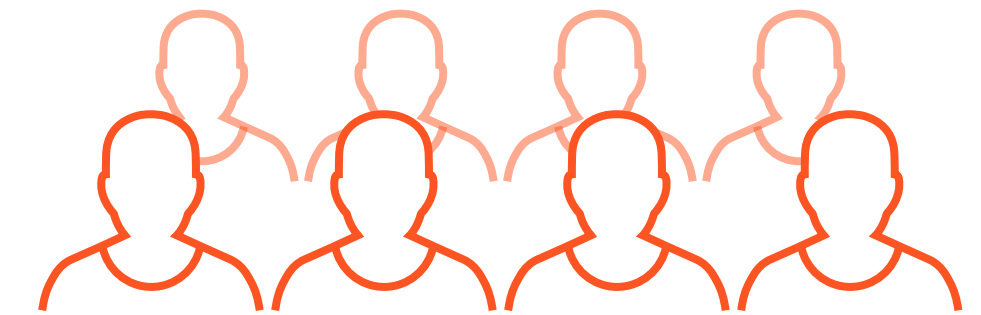
Sham injections

APL-2 EOM, n=200



APL-2 injections every other month

APL-2 Monthly, n=200



APL-2 injections every month

Population: Patients with Geographic Atrophy secondary to AMD

1st Endpoint: Change in total area of GA lesion(s) based on FAF at Month 12

Design: Double Masked, Randomized 2:1:2:1

Treatment: 15 mg/0.1 mL Intravitreal Injection vs. Sham Injection

Sample size: 600 Subjects from approx. 100 multinational sites per study

Duration: 2 years

The background of the slide is a microscopic image of cells, overlaid with a semi-transparent blue filter. The Apellis logo is centered at the top, featuring the word 'Apellis' in white with a small red dot above the 'i'.

Apellis

VISION 2020

- Prepare for potential commercial launch of APL-2 in PNH
- Fully enroll GA Phase 3 Program
- Continue clinical development in CAD or wAIHA or both
- PoC in new indications
- 2x global employee footprint

The background is a solid blue color with a repeating pattern of white, dashed-line chemical structures. These structures include various organic molecules such as benzene rings, alcohols, and esters, scattered across the entire surface.

Thank you

design by
THEORIA
CREATIVE