



# Sobi's Aspaveli<sup>®</sup> and Phase 3 VALIANT data in Nephrology 52-week update

Conference call for investors and analysts

12 June 2025



# Forward-looking statements



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# Agenda

**Introduction C3G and IC-MGN**



Nicholas Webb  
*VP, Head of Clinical Strategy Immunology*

**VALIANT 52-week data**



Fadi Fakhouri  
*MD PhD Professor of Nephrology*

**Summary and Q&A**



Guido Oelkers  
*Chief Executive Officer*



Lydia Abad-Franch  
*Head of R&D and Chief Medical Officer*

# Pegcetacoplan in C3G and primary IC-MPGN

Nicholas Webb  
VP, Head of Clinical Strategy Immunology

# C3G and primary IC-MPGN are rare, chronic and heterogeneous kidney diseases<sup>1–5</sup>

A

## Clinical background

A group of complement driven renal diseases that typically present with proteinuria and/or haematuria, with symptoms overlapping with other glomerulopathies






B

## Pathophysiology

C3 overactivation drives accumulation of C3 breakdown products in the glomeruli

This leads to progressive damage that can result in ESKD if left untreated

### Key

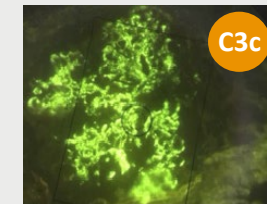
-  Myeloid cell
-  C3 deposit
-  Immune deposit



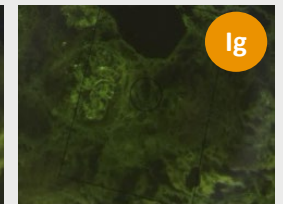
C

## Diagnosis

**C3 glomerulopathy (C3G)**  
No or few Igs | **C3 dominant\***



C3c

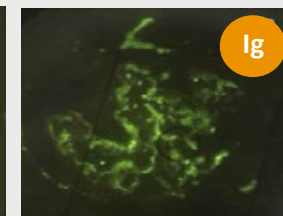


Ig

**C3/Ig deposits (IC-MPGN)**  
Ig positive | **Not C3 dominant**



C3c



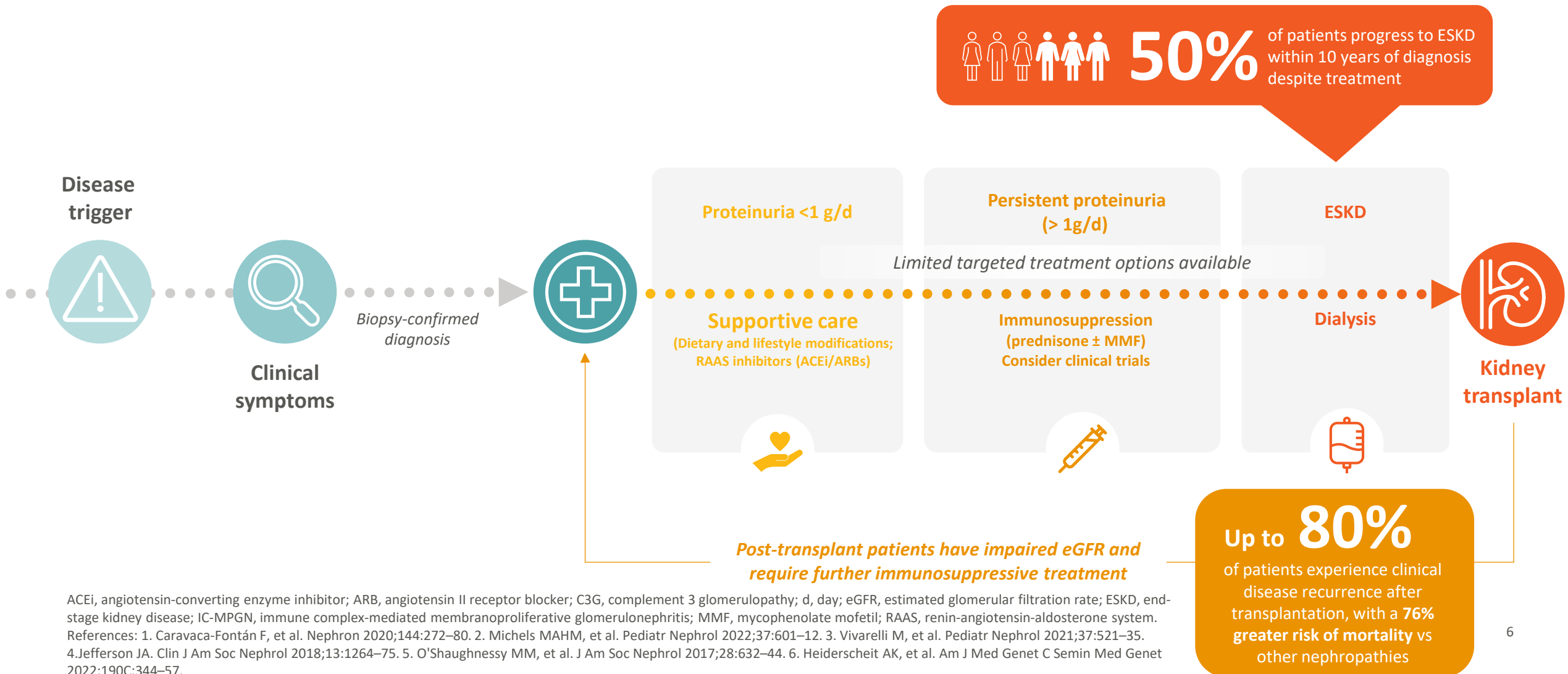
Ig

\*C3 dominant: C3 is  $\geq 2$  orders of magnitude stronger than for any other common immune reactant.

C3/3c, complement 3/3c; ESKD, end-stage kidney disease; IC-MPGN, immune complex-mediated membranoproliferative glomerulonephritis; Ig, immunoglobulin.

References: 1. Smith RJH, et al. Nat Rev Nephrol 2019;15:129–43. 2. Zipfel PF, et al. Mol Immunol 2015;67:21–30. 3. Cook HT & Pickering MC. Nat Rev Nephrol 2015;11:14–22. 4. Noris M & Remuzzi R. Nephrol Dial Transplant 2024;39:202–14. 5. Mastrangelo A, et al. Front Pediatr 2020;8:205.

# Despite the current treatment algorithm in C3G and primary IC-MPGN, patients continue to progress to ESKD<sup>1-6</sup>





# Pegcetacoplan, a C3 and C3b inhibitor, targets C3 dysregulation to preserve kidney function and prevent disease progression

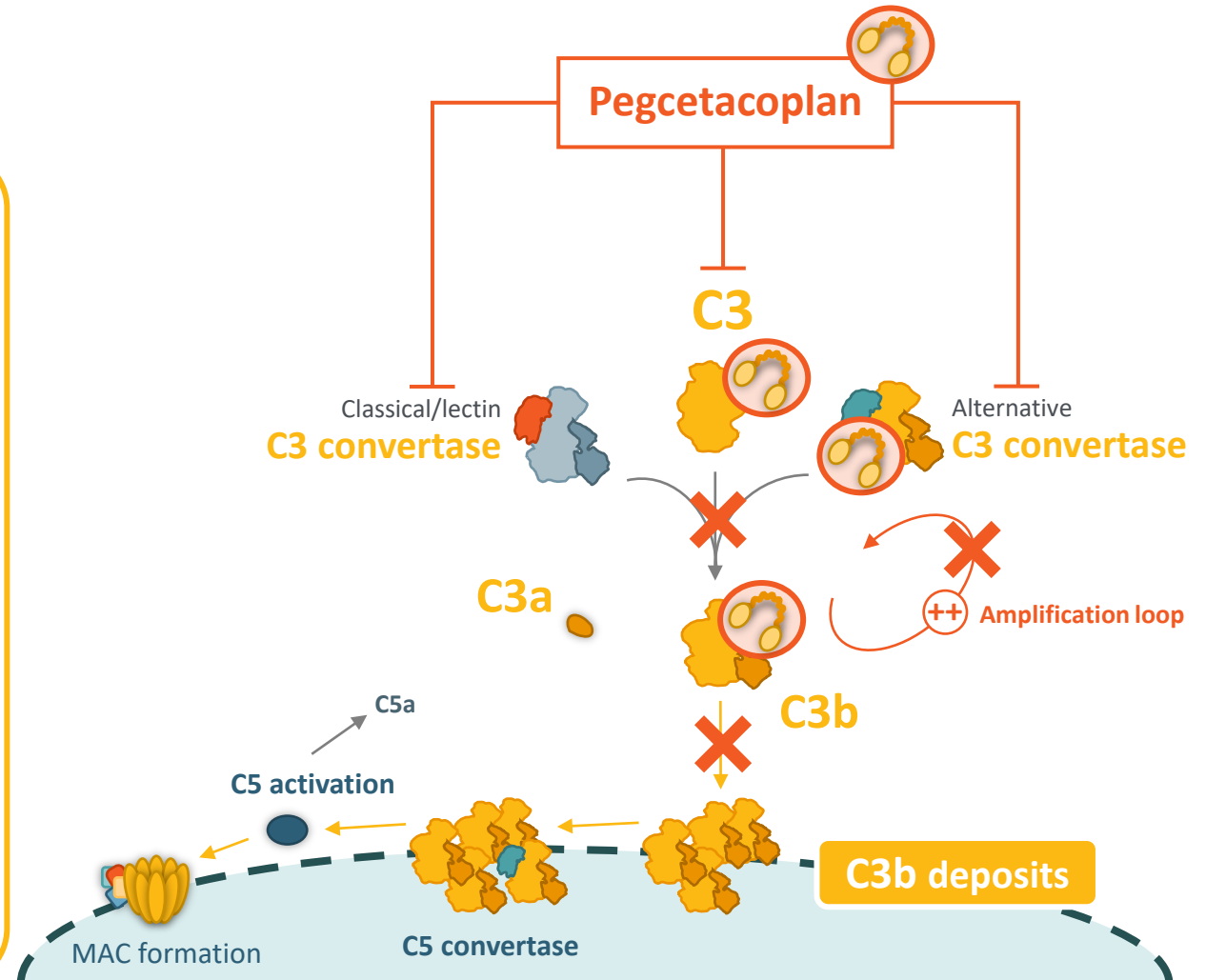


## Pegcetacoplan

Selectively binds to **C3** and **C3b**, blocking C3 cleavage by all convertases and downstream effectors of complement activation<sup>1-5</sup>

Assessed in patients with C3G and IC-MPGN in Phase 2 studies<sup>6,7</sup>

Under **Phase 3 investigation in adults and adolescents with C3G and primary IC-MPGN**, either in native kidneys or post-transplant<sup>8,9</sup>



Pegcetacoplan in C3G and primary IC-MPGN is investigational and has not been reviewed or approved for C3G/primary IC-MPGN by any regulatory authority.

C3/3a/3b/5/5a, complement 3/3a/3b/5/5a; C3G, C3 glomerulopathy; IC-MPGN, immune complex-mediated membranoproliferative glomerulonephritis; MAC, membrane attack complex.

1. Smith RJH, et al. *Nat Rev Nephrol* 2019;15:129-43; 2. Zipfel PF, et al. *Front Immunol* 2019;10:2166; 3. Meuleman MS, et al. *Semin Immunol* 2022;60:101634; 4. US Prescribing Information: EMPAVELI® (pegcetacoplan) injection, for subcutaneous use, 02/2024. Accessed 12 September 2024; 5. EMA Summary of Product Characteristics: ASPAVELI 1.080 mg solution for infusion, 12/2021. Accessed 12 September 2024; 6. Dixon BP, et al. *Kidney Int Rep* 2023;8:2284-93; 7. Bomback A, et al. Presented at American Society of Nephrology Kidney Week 2023 (Poster SA-PO923); 8. Dixon BP, et al. Presented at American Society of Nephrology Kidney Week 2023 (Poster 048); 9. ClinicalTrials.gov identifier: [NCT05809531](https://clinicaltrials.gov/ct2/show/study/NCT05809531). Last update posted 12 March 2024. Accessed 12 September 2024.

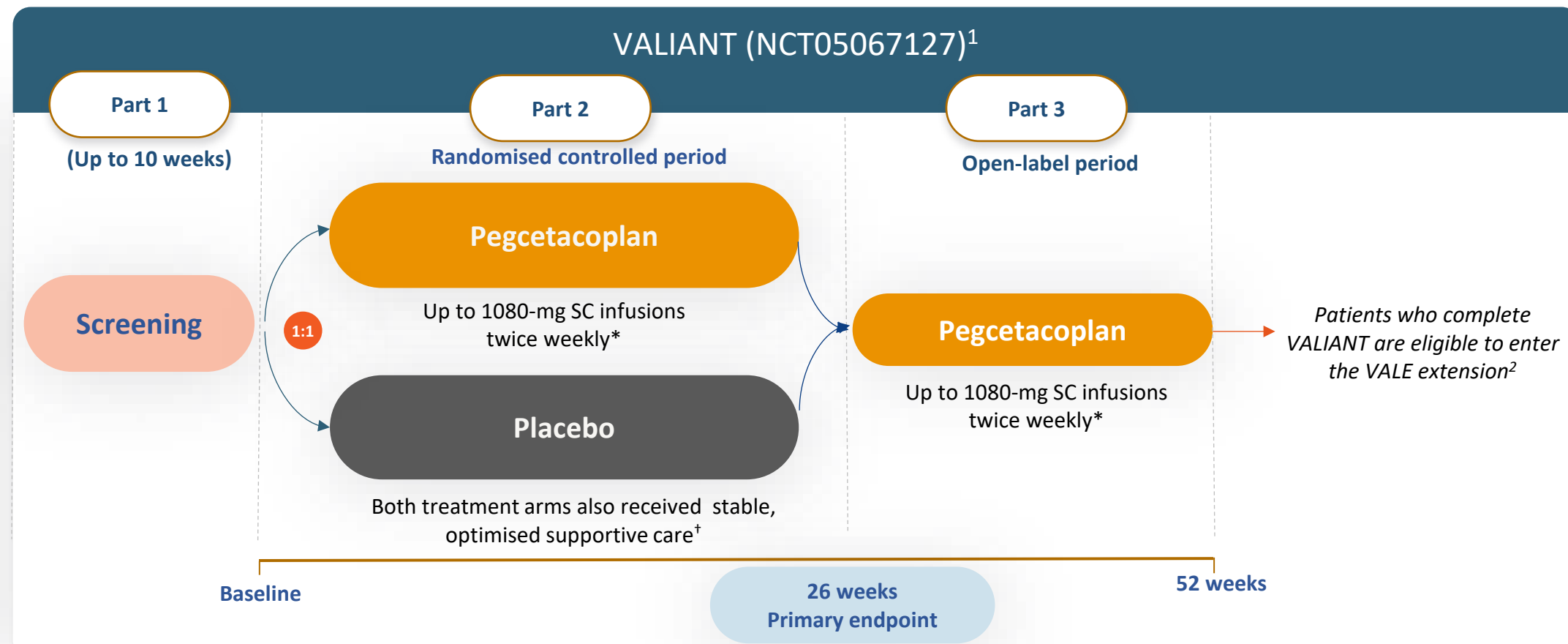
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# Pegcetacoplan for C3G and primary (idiopathic) IC-MPGN: 52-week results from the Phase 3 VALIANT trial show sustained efficacy

Fadi Fakhouri, MD PhD  
Professor of Nephrology  
Centre Hospitalier Universitaire Vaudois  
Lausanne, Vaud, Switzerland



# VALIANT: Double-blind Phase 3 study



\* All adults and adolescents weighing  $\geq 50$  kg self administered 1080 mg/20 mL. Adolescent patients weighing 30–34 kg received 540 mg/10 mL for the first 2 doses, then 648 mg/12 mL. Adolescent patients weighing 35–49 kg received 648 mg/12 mL for the first dose, then 810 mg/15 mL.

<sup>†</sup> Stable, optimized antiproteinuric regimens: ACEis, ARBs, SGLT2is, MMF, and corticosteroids (prednisone  $\leq 20$  mg/d or equivalent) were permitted.

1. Dixon BP, et al. ASN Kidney Week 2023. Nov. 2–5, 2023. Abstract INFO12-SA. 2. <https://clinicaltrials.gov/study/NCT05809531>. Accessed May 20, 2025.

# VALIANT: Eligibility criteria

## Key eligibility criteria

### Inclusion

- ✓ **Adolescents (12–17 y) or adults (≥18 y)**
- ✓ **Diagnosis of primary C3G or IC-MPGN**  
(with or without previous renal transplant)
- ✓ **MMF and corticosteroids**  
(prednisone ≤20 mg/d or equivalent) permitted

### Exclusion

- ✗ **>50% global glomerulosclerosis or interstitial fibrosis on renal biopsy**

## Other eligibility criteria

### Inclusion

- ✓ Evidence of active disease\*
- ✓ ≥1 g/d of proteinuria on screening urine collection and UPCR  
≥1 g/g in ≥2 first-morning spot urine samples
- ✓ eGFR ≥30 mL/min/1.73 m<sup>2</sup>†
- ✓ Mandatory vaccination against *Streptococcus pneumoniae*, *Neisseria meningitidis* (types A, C, W, Y, and B), and *Haemophilus influenzae* (type B)
- ✓ Stable, optimized antiproteinuric regimens: ACEis, ARBs, SGLT2is

### Exclusion

- ✗ Evidence of transplant rejection
- ✗ Diagnosis of secondary C3G or IC-MPGN
- ✗ Severe infection within 14 days prior to first dose
- ✗ Recurrent or chronic severe infections or history of meningococcal disease
- ✗ Previous exposure to pegcetacoplan or another complement inhibitor
- ✗ Evidence of improving renal disease

\*In adults or adolescents with a baseline kidney biopsy collected during screening or a historic biopsy collected within 28 weeks prior to randomisation, ≥2+ C3 staining in kidney biopsy. In adolescents without a baseline kidney biopsy, ≥1 of the following: plasma sC5b-9 level > ULN during screening, serum C3 < LLN during screening, active urine sediment during screening, presence of C3 nephritic factor within 6 months of screening.

† Calculated using the CKD-Epi equation for adults or the Bedside Schwartz equation for adolescents.

1. Nester CM et al. Presented at American Society of Nephrology Kidney Week 2024 (Oral SA-OR92) 2. Nester C, et al. *Clin J Am Soc Nephrol* 2024;19:1201–8.

# VALIANT: Primary and key secondary endpoints

## Primary (week 26)

- **Log-transformed ratio of UPCR** compared with baseline

## Key Secondary (week 26)

- Proportion of participants **achieving a composite renal endpoint**
- Proportion of participants with a **reduction of  $\geq 50\%$  in UPCR** from baseline
- **Change in the activity score of the C3G histologic index score** from baseline
- **Decreased C3 staining on renal biopsy** from baseline
- **Change in eGFR** from baseline

## Exploratory (week 52)

- Primary and secondary endpoints

## Safety

- **Incidence and severity of TEAEs** over 52 weeks
- **Graft rejection and loss**

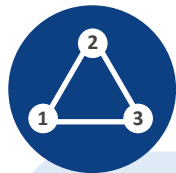
# VALIANT included a broad patient population

Baseline characteristic	Pegcetacoplan	Placebo
› <b>Patients, n (%)</b>	63 (100.0)	61 (100.0)
› <b>Age, mean (SD), y</b>	28.2 (17.1)	23.6 (14.3)
› <b>Sex, female, n (%)</b>	37 (58.7)	33 (54.1)
› <b>Race, white, n (%)</b>	45 (71.4)	46 (75.4)
› <b>Baseline 24-h UPCR, mean (SD), g/g</b>	4.0 (2.9)	3.3 (2.4)
› <b>Baseline triplicate first morning spot UPCR, mean (SD), g/g</b>	3.1 (2.4)	2.5 (2.0)
› <b>Baseline eGFR,* mean (SD), mL/min/1.73 m<sup>2</sup></b>	78.5 (34.1)	87.3 (37.2)
› <b>Underlying disease based on screening biopsy, n (%)</b>		
› C3G	51 (81.0)	45 (73.8)
› C3GN	45 (71.4)	41 (67.2)
› DDD	4 (6.3)	4 (6.6)
› Undetermined	2 (3.2)	0
› Primary IC-MPGN	12 (19.0)	16 (26.2)
› <b>Time since diagnosis, mean (SD), y</b>	3.6 (3.5)	3.8 (3.6)
› <b>Post-transplant recurrent disease, n (%)</b>	5 (7.9)	4 (6.6)

Calculated using the CKD-Epi equation for adults or the Bedside Schwartz equation for adolescents.

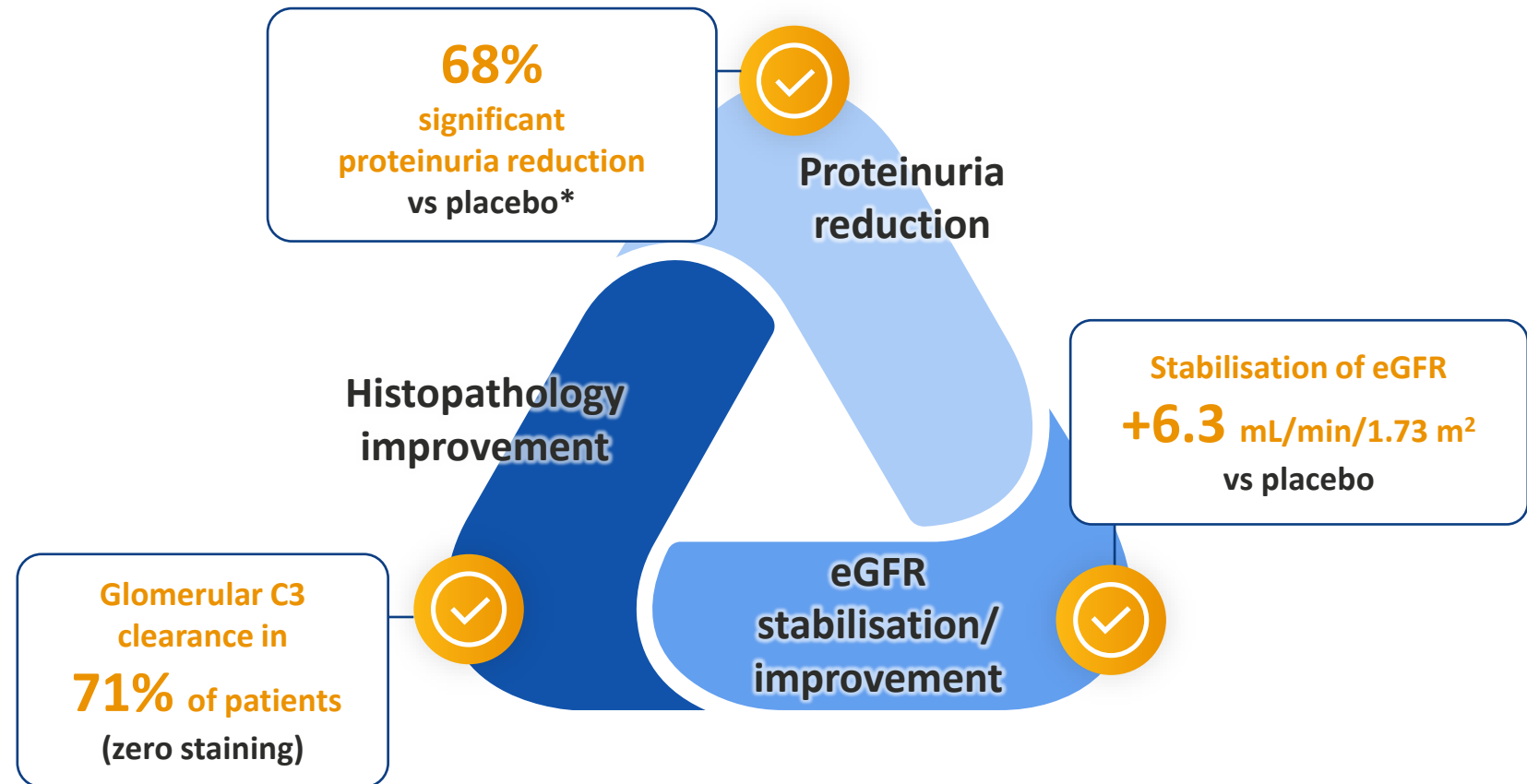
1. Nester CM et al. Presented at American Society of Nephrology Kidney Week 2024 (Oral SA-OR92) 2. Nester C, et al. *Clin J Am Soc Nephrol* 2024;19:1201–8.

# VALIANT overall study results (26 weeks): pegcetacoplan's efficacy in C3G and primary IC-MPGN<sup>1</sup>



## Kidney Health Initiative (KHI) consensus<sup>2</sup>:

Favorable treatment effect on  
**histopathology, proteinuria  
and eGFR**



\* Consistent across subgroups (age, disease type, transplant status).

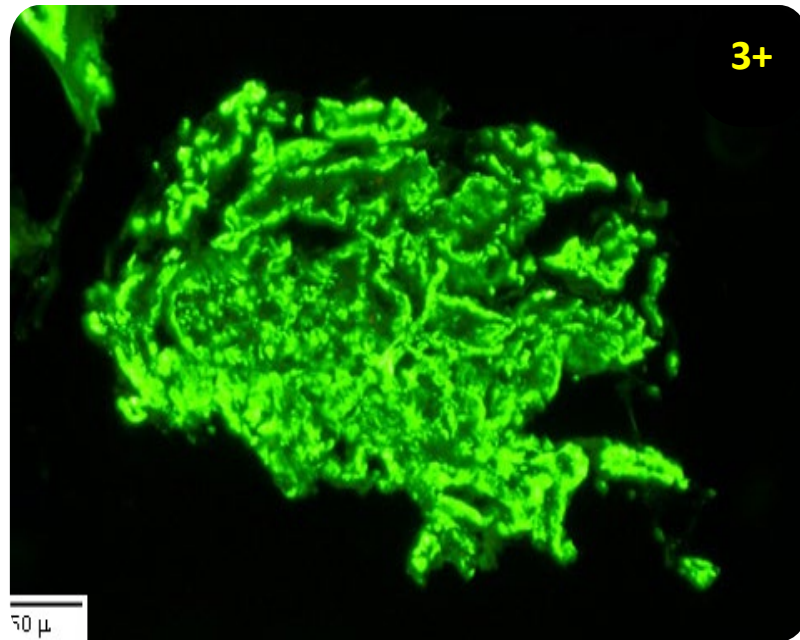
C3G, C3 glomerulopathy; eGFR, estimated glomerular filtration rate; IC-MPGN, immune complex membranoproliferative glomerulonephritis.

1. Nester CM et al. Presented at American Society of Nephrology Kidney Week 2024 (Oral SA-OR92) 2. Nester C, et al. *Clin J Am Soc Nephrol* 2024;19:1201–8.

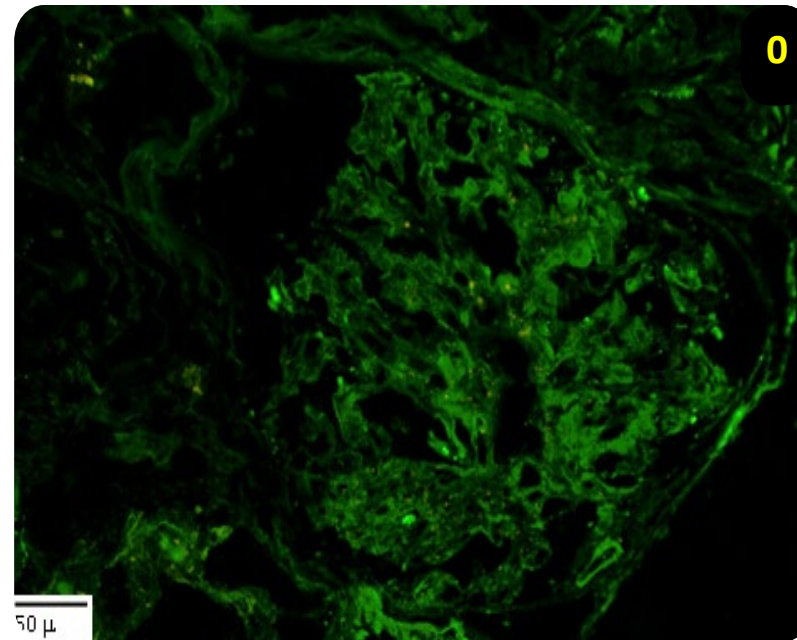
# VALIANT (26 weeks): pegcetacoplan's glomerular C3 clearance

Biopsies from C3G native kidney patient who received pegcetacoplan

Baseline



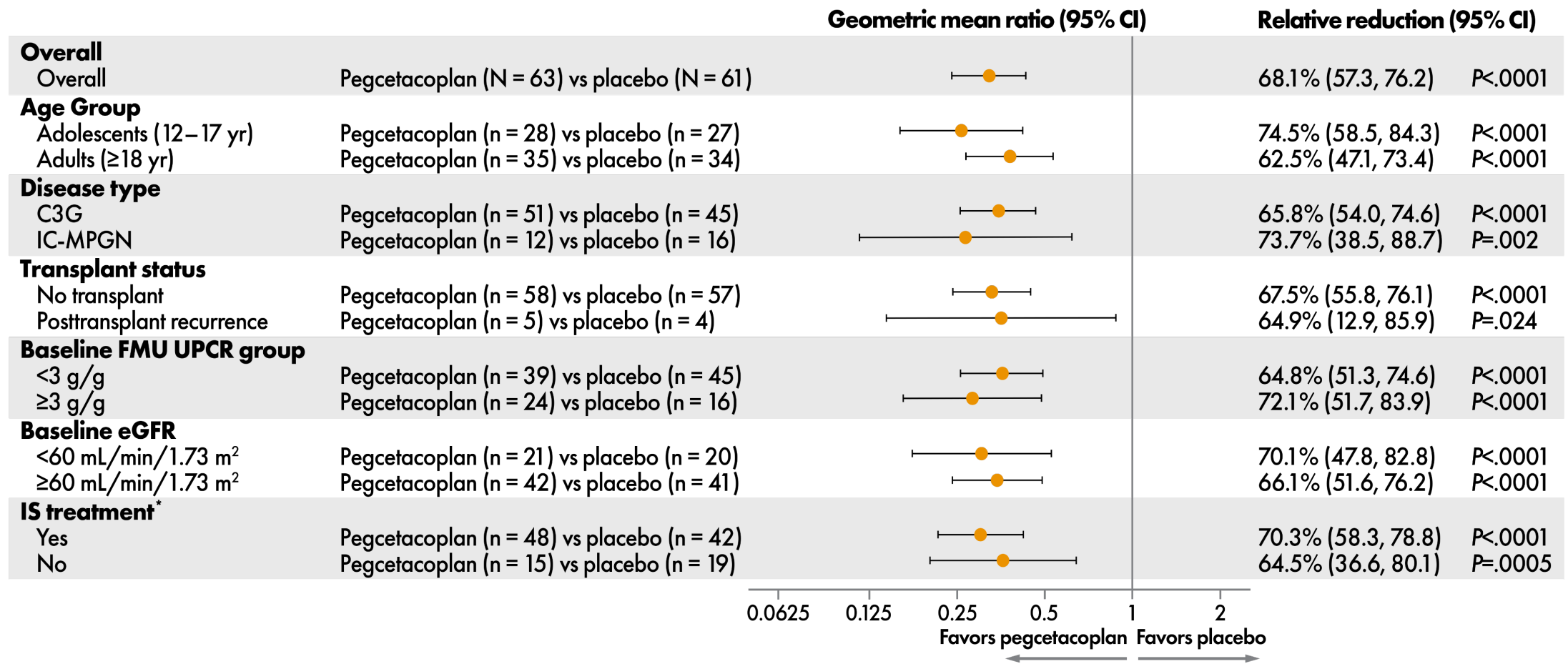
Week 26



**71.4%** (25/35) of pegcetacoplan-treated patients  
achieved **0 intensity staining**



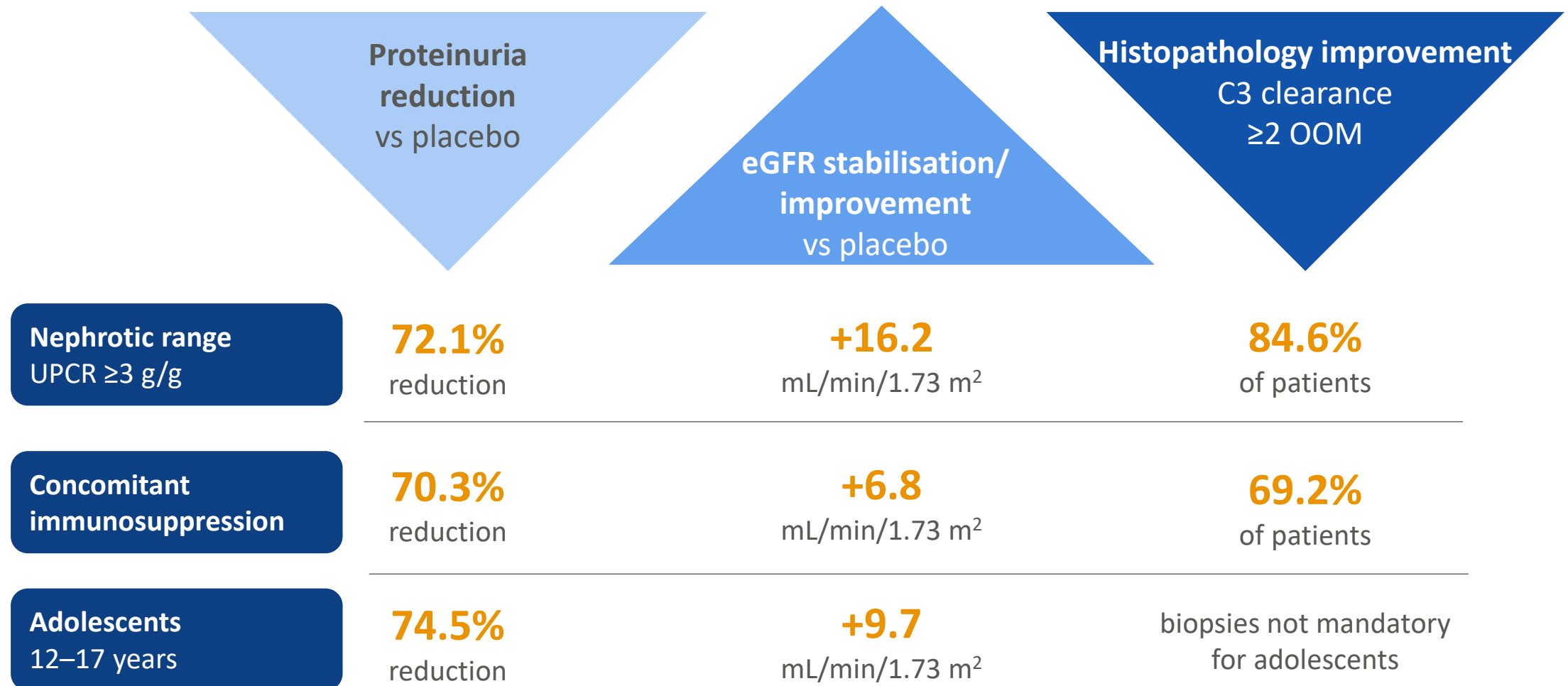
# VALIANT (26 weeks): pegcetacoplan's consistent efficacy in proteinuria reduction in broad patient subgroups



IS treatment was based on “immunosuppressants” and/or “corticosteroids for systemic use” per Anatomical Therapeutic Chemical level 2.

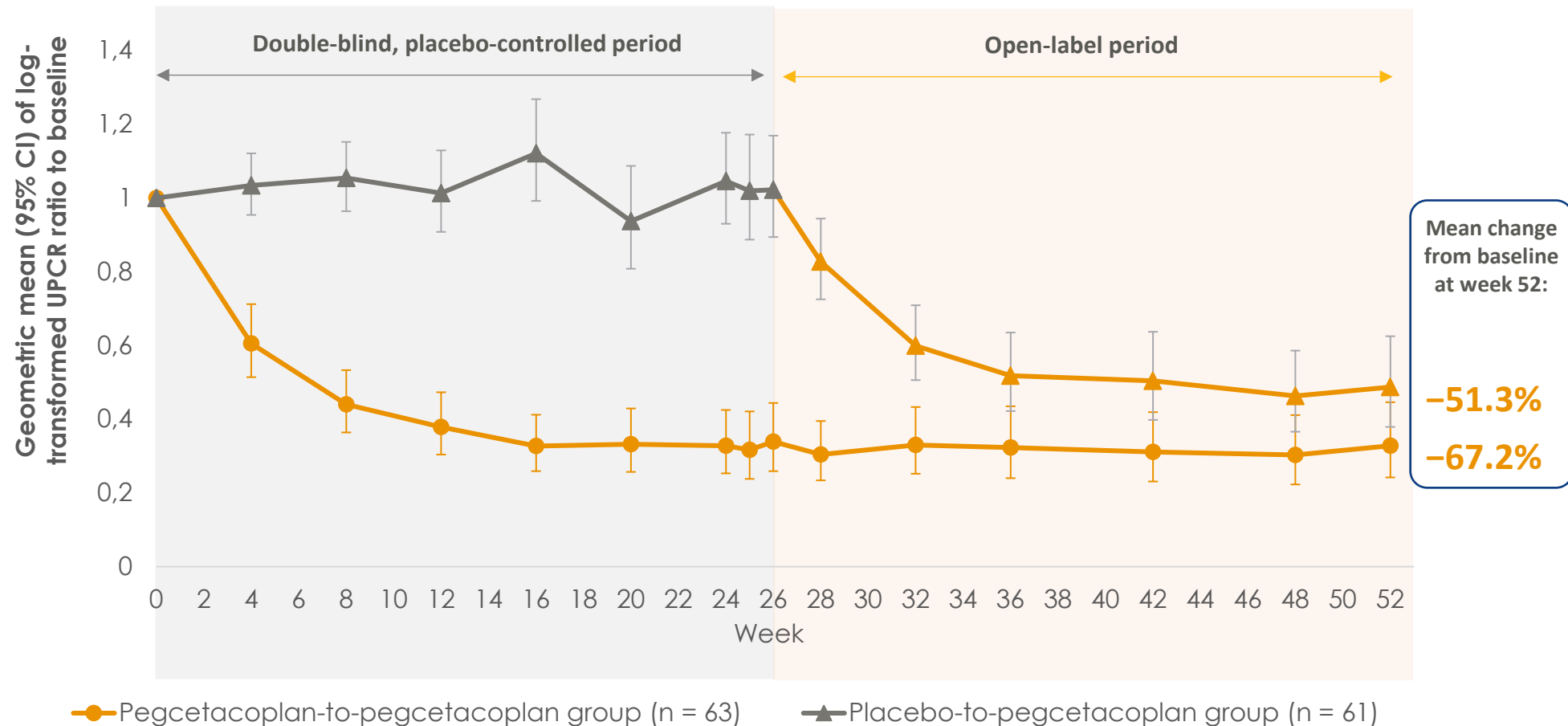
1. Vivarelli M, et al. Presented at ERA 2025. 2. Kavanagh DC, et al. Presented at ERA 2025.

# VALIANT (26 weeks): pegcetacoplan's **efficacy** in key populations



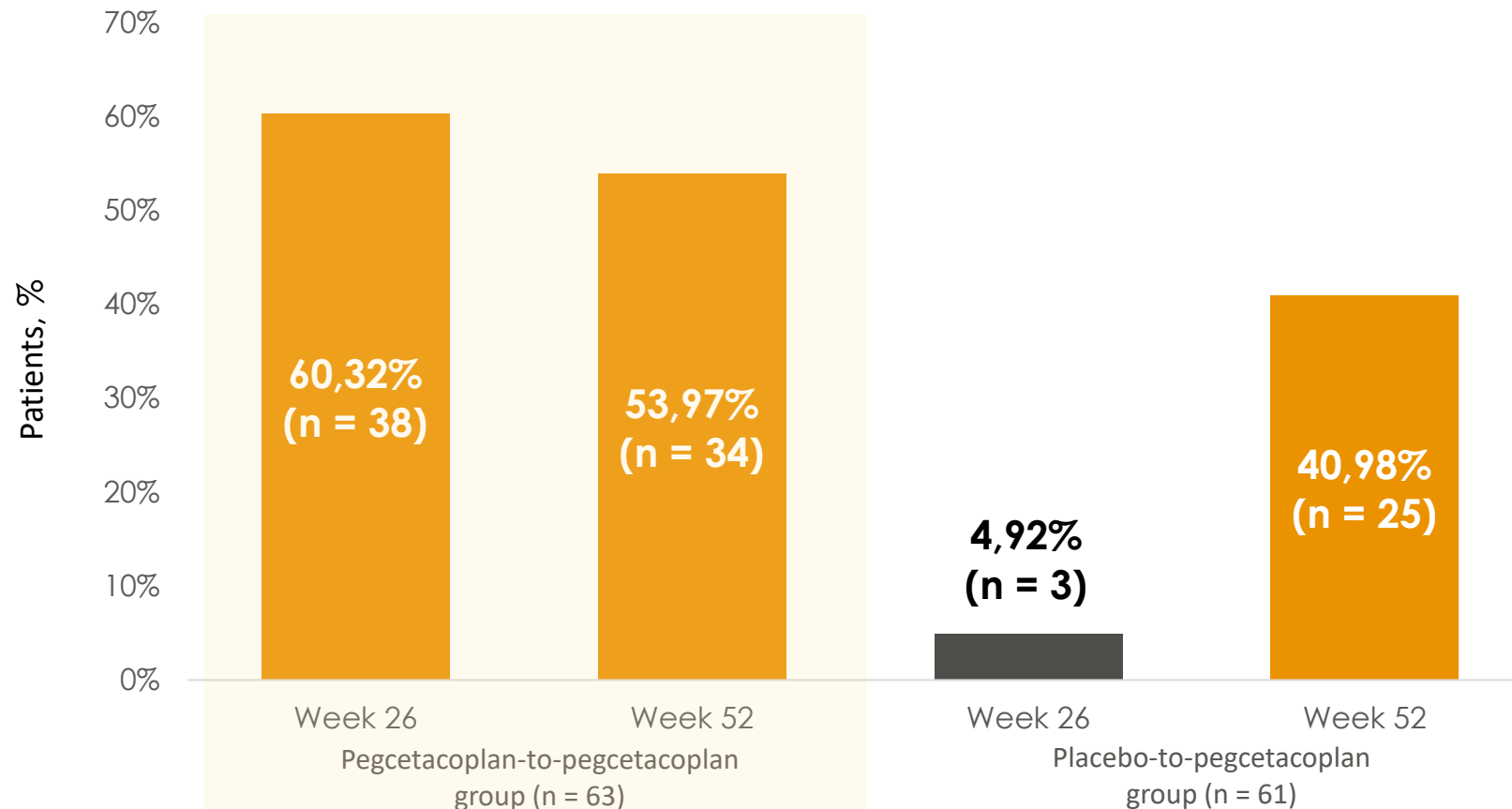
# Robust proteinuria reductions at week 26 were maintained through week 52

## Change in proteinuria according to treatment group



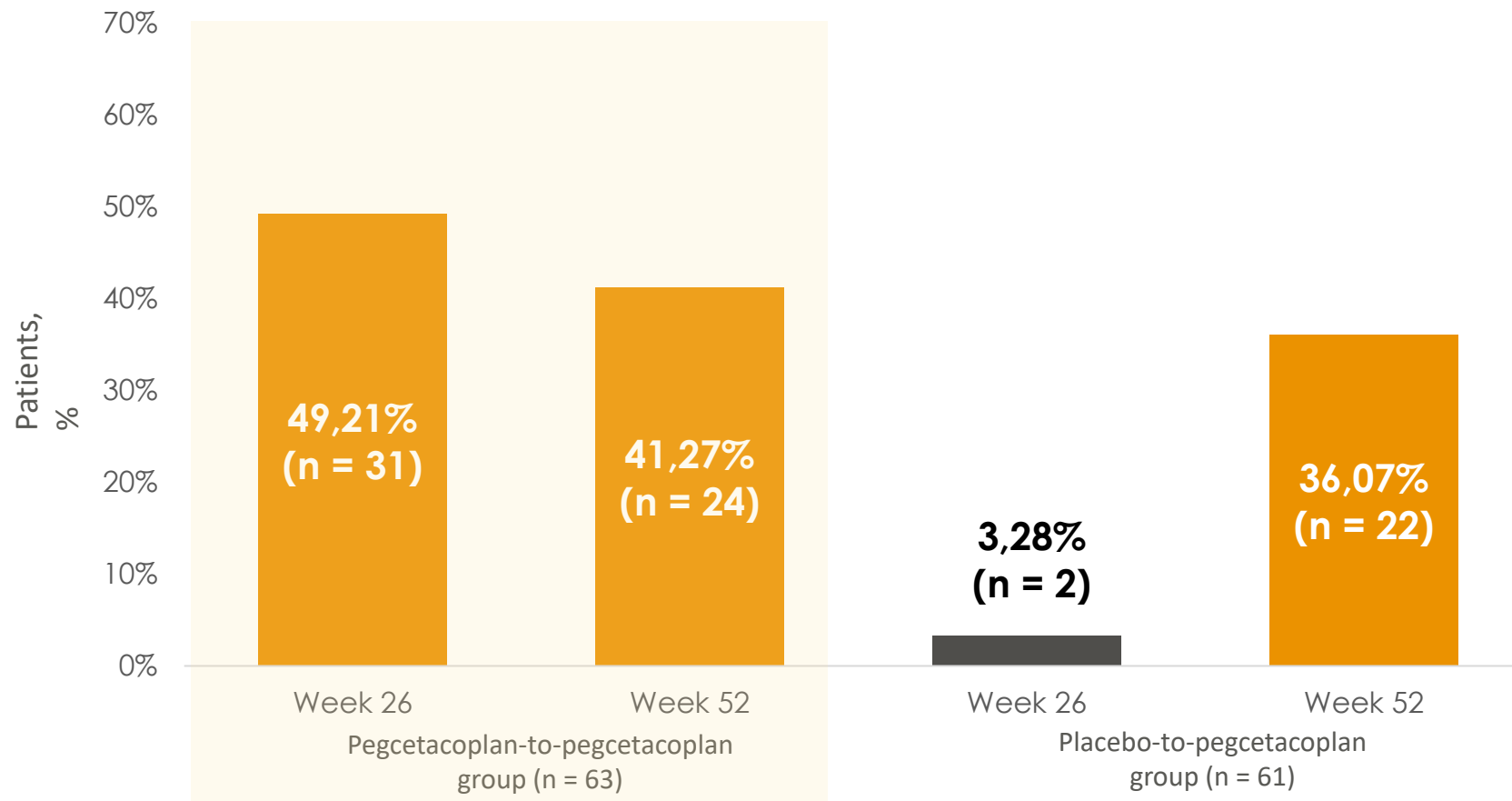
# Similar proportions of patients in each group achieved **≥50% proteinuria reduction at week 52**

Proportion of patients with ≥50% proteinuria reduction



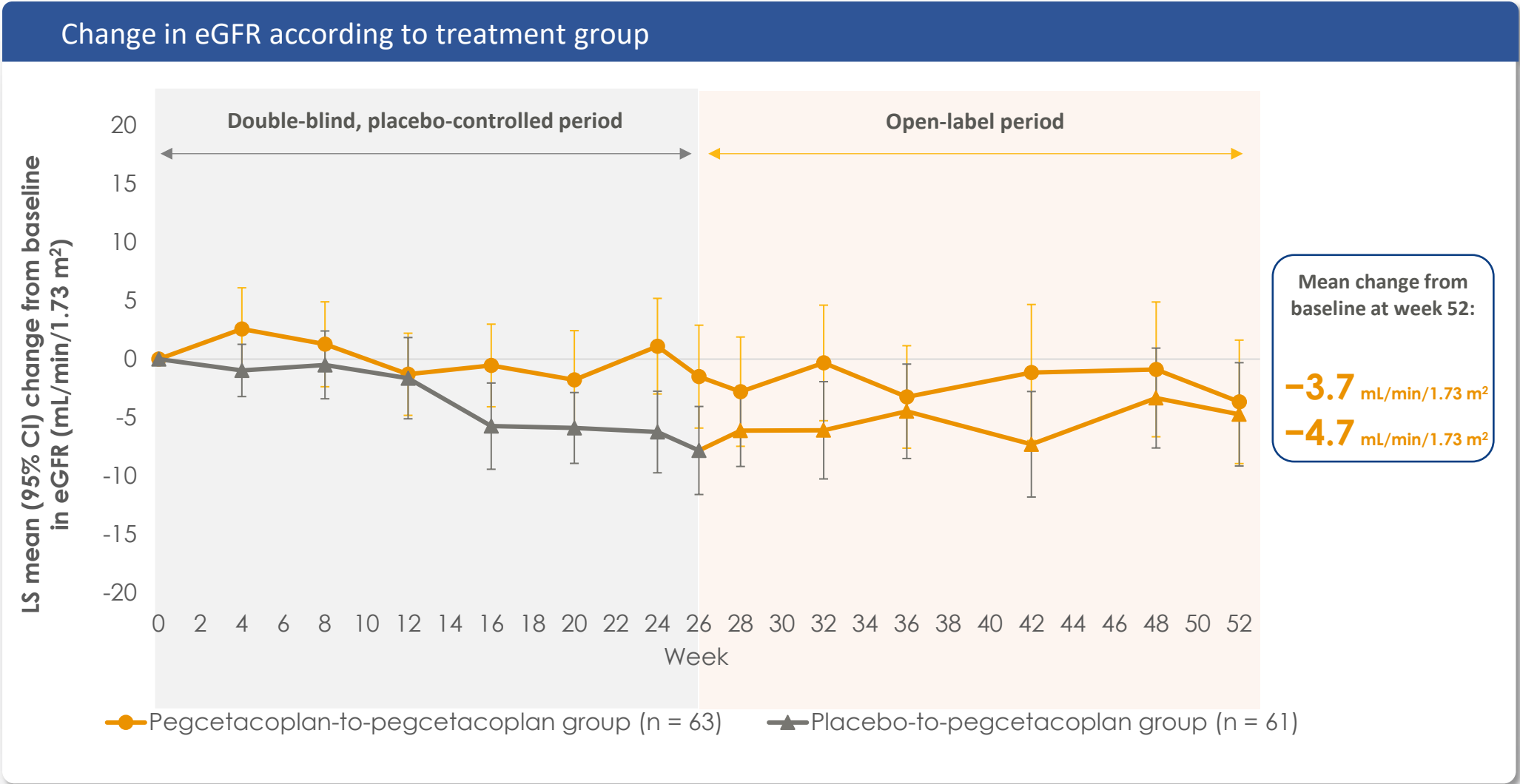
# Similar proportions of patients in each group achieved the **composite renal endpoint at week 52**

Proportion of patients who met the composite endpoint\*



\*  $\geq 50\%$  reduction in UPCR and  $\leq 15\%$  reduction in eGFR.

# eGFR remained stable for both groups for the duration of the study



1. Fakhouri F, et al. Presented at ERA 2025.



# TEAEs consistent with previous safety profile

Event, n (%) of patients	Double-blind, placebo-controlled period	Open-label period	
	Pegcetacoplan group (n=63)	Pegcetacoplan-to-pegcetacoplan group (n=61)	Placebo-to-pegcetacoplan group (n=57)
<b>Any TEAE</b>	54 (85.7)	47 (77.0)	42 (73.7)
<b>Maximum severity</b>			
Mild	26 (41.3)	25 (41.0)	20 (35.1)
Moderate	25 (39.7)	19 (31.1)	17 (29.8)
Severe	3 (4.8)	3 (4.9)	5 (8.8)
<b>Treatment-related TEAE</b>	27 (42.9)	10 (16.4)	19 (33.3)
<b>Infusion-related TEAE</b>	21 (33.3)	6 (9.8)	12 (21.1)
<b>Serious TEAE</b>	6 (9.5)	6 (9.8)	4 (7.0)
<b>TEAE leading to treatment withdrawal</b>	2 (3.2)	2 (3.3)	2 (3.4)
<b>TEAE leading to dose interruption</b>	8 (12.7)	7 (11.5)	6 (10.5)
<b>TEAE leading to study discontinuation</b>	1 (1.6)	2 (3.3)	2 (1.8)
<b>TEAE leading to death</b>	1 (1.6)	0	0
<b>Rejection episodes</b>	0	1 (1.6)	0
<b>Graft loss</b>	0	0	0

# Adherence was high and the safety profile was consistent with previous reports



During the OLP, most patients had **adherence  $\geq 90\%$**   
Pegcetacoplan-to-pegcetacoplan group: 59 (96.7%)  
Placebo-to-pegcetacoplan group: 55 (96.5%)



**No infections** caused by **encapsulated bacteria** were reported **during the RCP**

**Four infections** caused by **encapsulated bacteria** were reported **during the OLP**: two cases of pneumococcal pneumonia, one case of streptococcal pharyngitis, and one urinary tract infection caused by *Escherichia*

**One of the cases of pneumococcal pneumonia met seriousness criteria**

With **1 year** of treatment, **pegcetacoplan** led to **robust and sustained proteinuria reductions** and **stable eGFR** for patients with C3G and primary IC-MPGN

VALIANT study in patients aged  $\geq 12$  years with native or post-transplant recurrent C3G/primary IC-MPGN

Proteinuria reduction:

**67%** reduction in patients receiving **52 weeks of pegcetacoplan**

Proteinuria reduction

eGFR:

**stabilization of eGFR**  
-3.7 mL/min/1.73 m<sup>2</sup> change from baseline with **52 weeks of pegcetacoplan**

eGFR stabilization/improvement

Histopathology improvement

Histopathology improvement:

glomerular C3 clearance in **71%** of patients (zero staining) at week 26

**Pegcetacoplan was well tolerated with no new safety signals**



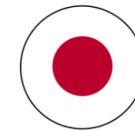
# Summary and concluding remarks

Guido Oelkers  
CEO Sobi

# On track for launch in early 2026 in C3G and primary IC-MPGN in Europe



- **EMA** filing validated in February
  - Expect CHMP opinion by year-end
- **PMDA** (Japan) filing planned by year-end
  - Incorporating 52-week data into package
- **enFuse® Injector** for subcutaneous delivery on track
  - Aim to be available in Europe for PNH, C3G and primary IC-MPGN
- **Launch preparation and country launch readiness** ongoing with commercial and medical build up



*Empaveli Injector® commercialised by Apellis Pharmaceuticals, Inc. in the US*

# Exciting potential for Aspaveli/Empaveli in Nephrology

## ➤ We are confident in pegcetacoplan's blockbuster potential

- Diagnosed patient population today of approximately **8k patients with C3G or primary IC-MPGN in Europe** with an addressable population of approximately 4-5K
- Additional potential opportunity in selected international markets, **total current diagnosed population in Sobi territories approximately 16K** with an addressable population of approximately 6K
- Unlocking the full potential requires understanding the individual complete patient journey and ensuring every patient with kidney disease receives a diagnosis

## ➤ Market research indicates high enthusiasm on pegcetacoplan's potential

*"Data suggests that pegcetacoplan is effective across many subpopulations, including some of the more fragile patients like transplant recipients."*  
Spanish HCP

*"Histological evidence is very important to me, and the ability for most patients to have no staining is impressive\*. This potentially completes the biological story: inhibiting C3 addresses the C3 deposits and the disease."*  
Japanese HCP

*"At 26 weeks, it is very favorable that we are already seeing this level of placebo-adjusted eGFR stabilization."*  
German HCP



# Aspaveli/Empaveli a key near term building block of the future

*Investment in 2025 for multiple launches in 2025/26*

2

## Major launches

1. Altuvoc
2. Vonjo

3

## Key filing

1. Gamifant - HLH/MAS
2. **Aspaveli - C3G/IC-MPGN**
3. NASP - uncontrolled gout

4

## Priority development projects in area of high unmet medical need

1. Gamifant - IDS
2. Vonjo - VEXAS
3. Vonjo - CMML
4. Altuvoc - synovitis



# Aspaveli/Empaveli a potential new treatment in C3G and primary IC-MPGN

- Devastating diseases with limited target treatment options
- Large market potential – 8K diagnosed patients in Europe
- Pegcetacoplan results at week 52 show potential best in class efficacy in C3G and primary IC-MPGN
- Launch in Europe is on track for early 2026





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Q&A

