

Voclosporin for Lupus Nephritis: Interim Analysis of the AURORA 2 Extension Study

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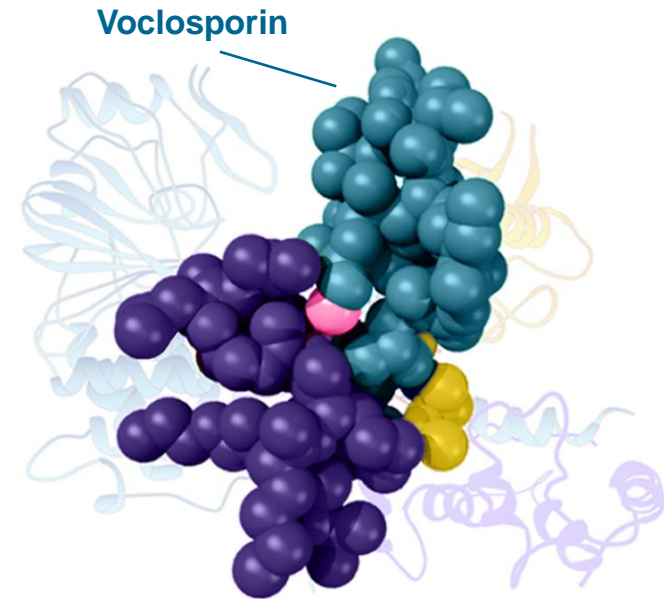
Disclosures

Dr. Amit Saxena has participated in advisory boards for Eli Lilly, Bristol Myers Squibb, Kezar Life Sciences and GlaxoSmithKline and in Aurinia clinical trials.

Aurinia provided funding for the study and presentation.

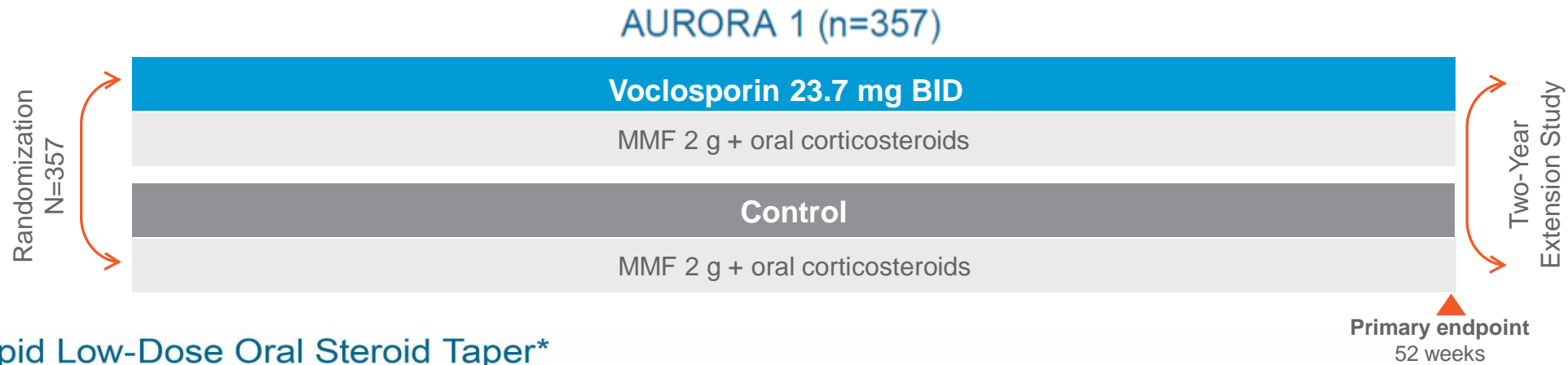
Voclosporin

- Voclosporin is a novel calcineurin inhibitor (CNI) recently approved for the treatment of adults with active lupus nephritis in combination with background immunosuppressive therapy¹
- As a CNI, voclosporin has two complementary mechanisms of action pertinent to the treatment of lupus nephritis¹:
 - Reduce activation of T-cells
 - Stabilize podocytes, reducing proteinuria
- Voclosporin has a consistent dose-concentration relationship, eliminating the need for therapeutic drug monitoring^{1,2}
- Compared to other CNIs, voclosporin is associated with an improved lipid and glucose profile and no drug-drug interaction with mycophenolate mofetil (MMF)³⁻⁶



AURORA 1 Study Design

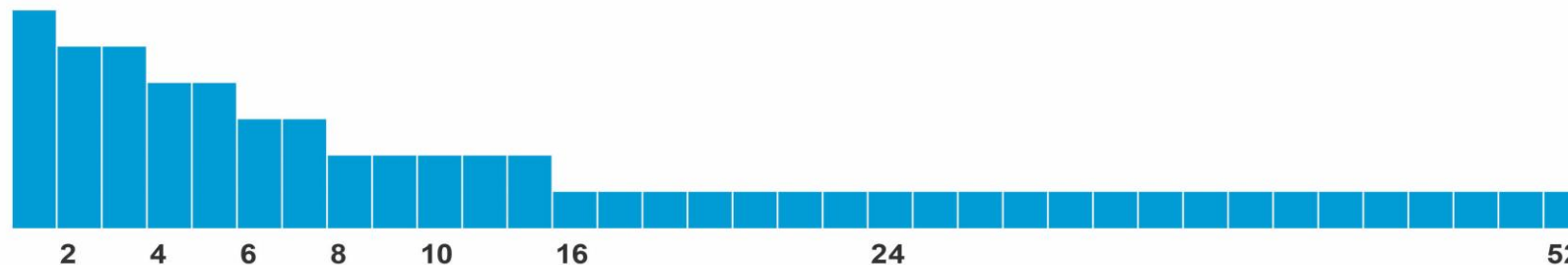
- AURORA 1 was a Phase 3, global, double-blind, one-year randomized-control trial evaluating voclosporin compared to placebo in achieving complete renal response when used in combination with MMF and low-dose oral steroids
- AURORA 1 enrolled patients with biopsy-proven active lupus nephritis, eGFR ≥ 45 mL/min/1.73 m² and proteinuria ≥ 1.5 mg/mg (≥ 2 mg/mg for Class V)



Rapid Low-Dose Oral Steroid Taper*

20-25 mg/day
15-20 mg/day
10-15 mg/day
10 mg/day
5 mg/day
2.5 mg/day

Study Week



BID, twice daily; eGFR, estimated glomerular filtration rate; MMF, mycophenolate mofetil. *Protocol-defined steroid taper included intravenous methylprednisolone 0.25-0.5 g/day administered on Days 1 and 2. Oral steroid was initiated on Day 3 with 20-25 mg/day prednisone and tapered to a target dose of 2.5 mg/day at Week 16.

AURORA 1 Primary Outcome

In AURORA 1, compared to MMF and steroids alone, the addition of voclosporin increased complete renal response by 18% at week 52

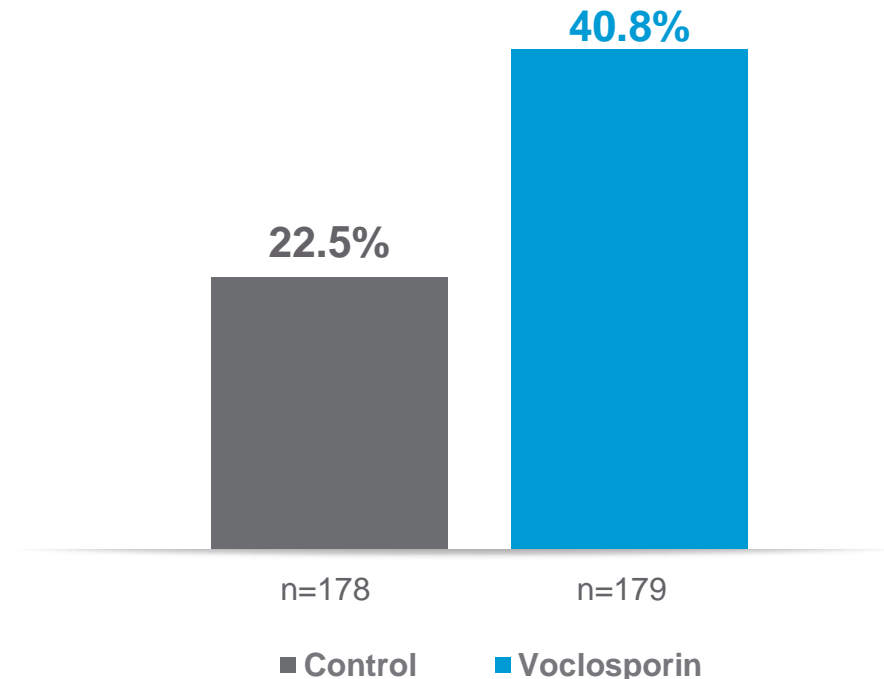
Composite Primary Outcome

Complete Renal Response at Week 52

- Urine protein creatinine ratio (UPCR) of ≤ 0.5 mg/mg
- Stable renal function (eGFR ≥ 60 mL/min/1.73 m² or no decrease $>20\%$ from baseline)
- Presence of sustained, low-dose steroids*
- No rescue medications

Complete Renal Response at Week 52

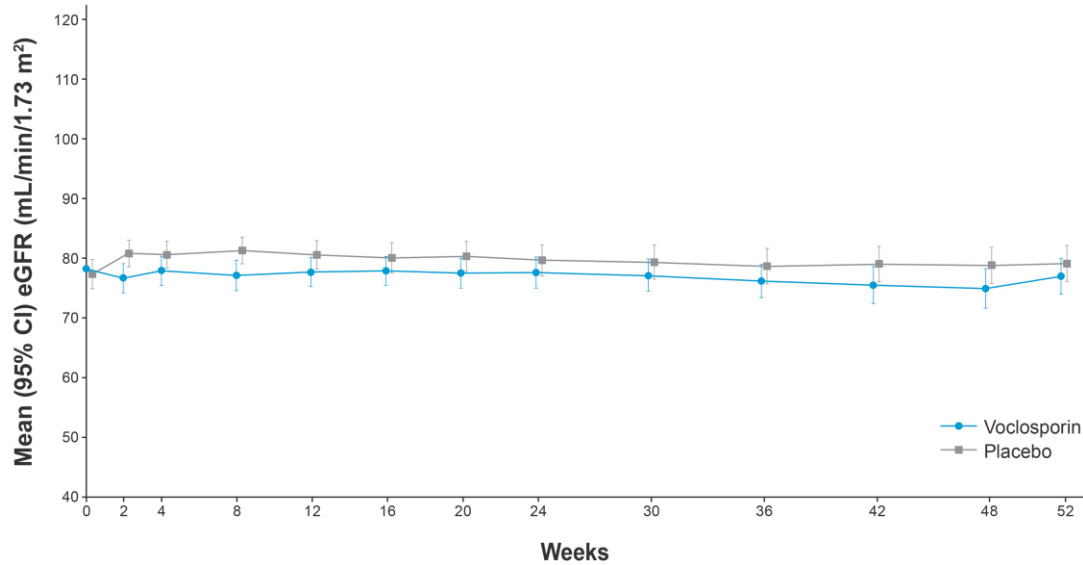
OR 2.65 (95% CI 1.64, 4.27)
p<0.001



AURORA 1 Safety

There were no unexpected safety signals and adverse events were balance between groups

AURORA 1 Mean eGFR



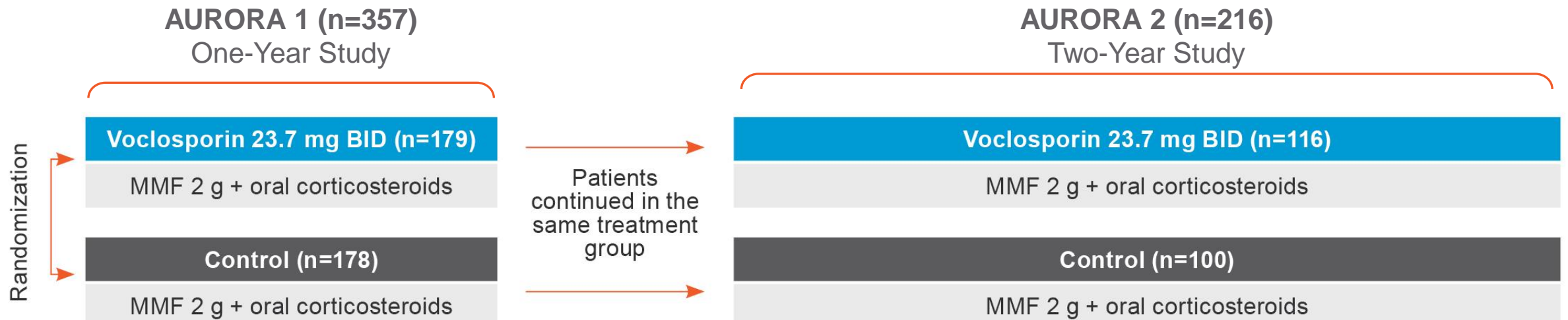
There was an expected, early eGFR decrease of 1.5 mL/min/1.73 m² at week 2 in the voclosporin group that returned to near baseline levels by week 4 and remained stable for the duration of the study.

AURORA 1 AE Summary

	Control (n=178) n (%)	Voclosporin (n=179) n (%)
Adverse Event (AE)	158 (89)	162 (91)
Serious Adverse Event (SAE)	38 (21)	37 (21)
SAE Infections and Infestations	20 (11)	18 (10)
Treatment-related SAE	8 (5)	8 (5)
AE Leading to Study Drug Discontinuation	26 (15)	20 (11)
Death	5 (3)	1 (<1)
Treatment-related AE Leading to Death	0	0

AURORA 2 Study Design

- AURORA 2 is a Phase 3, global, double-blind, two-year extension study of AURORA 1 evaluating voclosporin compared to placebo, in combination with MMF and low-dose steroids, in patients with lupus nephritis
- This interim analysis of AURORA 2 patients includes integrated data from AURORA 1 and AURORA 2 with up to 30 months of total exposure



AURORA 2 Demographics

	Control n=100	Voclosporin n=116
Age, years		
Mean (SD)	35.4 (11.6)	32.3 (10.3)
Sex, n (%)		
Female	88 (88.0)	105 (90.5)
Race, n (%)		
White	40 (40.0)	44 (37.9)
Asian	30 (30.0)	30 (25.9)
Black	7 (7.0)	18 (15.5)
Other	23 (23.0)	24 (20.7)
Biopsy class, n (%)		
Pure Class III or IV	58 (58.0)	78 (67.2)
Pure Class V	14 (14.0)	17 (14.7)
Mixed Class V	28 (28.0)	21 (18.1)
Region, n (%)		
North and Latin America	36 (36.0)	49 (42.2)
Europe and South Africa	37 (37.0)	38 (32.8)
Asia	27 (27.0)	29 (25.0)

AURORA 2 Clinical Characteristics

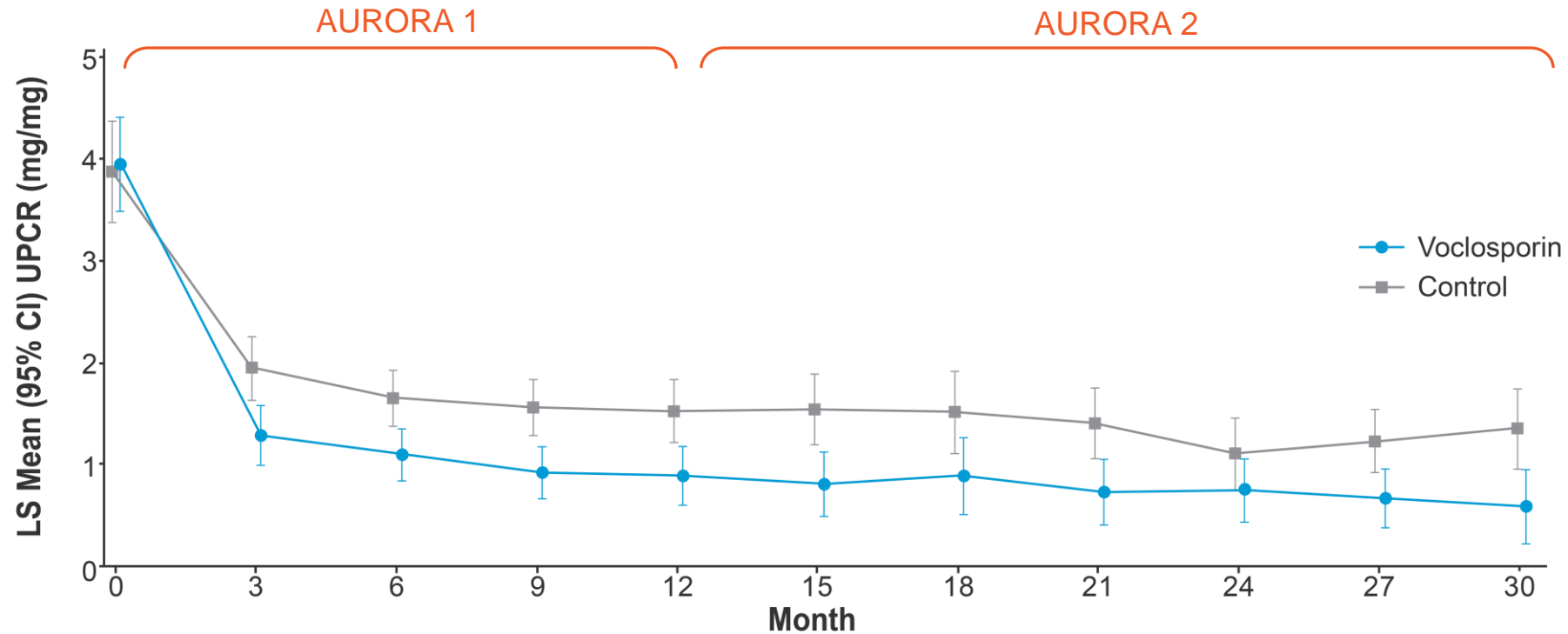
	Control n=100	Voclosporin n=116
Corrected* eGFR, mL/min/1.73 m², mean (SD)		
AURORA 1 Baseline	78.9 (16.6)	79.6 (15.2)
AURORA 2 Baseline (Month 12)	83.2 (12.7)	80.3 (14.1)
UPCR, mg/mg, mean (SD)		
AURORA 1 Baseline	3.9 (2.5)	3.9 (2.6)
AURORA 2 Baseline (Month 12)	1.5 (1.7)	0.9 (1.5)
AURORA 2 Baseline (Month 12) oral steroid dose		
Mean (SD), mg/day	3.6 (4.2)	3.0 (3.2)
0 mg/day, n (%)	3 (3.0)	10 (8.6)
≤2.5 mg/day, n (%)	82 (82.0)	92 (79.3)

AURORA 2 patient characteristics at pre-treatment baseline of AURORA 1 and baseline of AURORA 2.

*Renal function assessed with corrected eGFR (Chronic Kidney Disease Epidemiology Collaboration equation) using a prespecified ceiling of 90 mL/min/1.73 m².

AURORA 2 Interim Analysis: UPCR Over Time

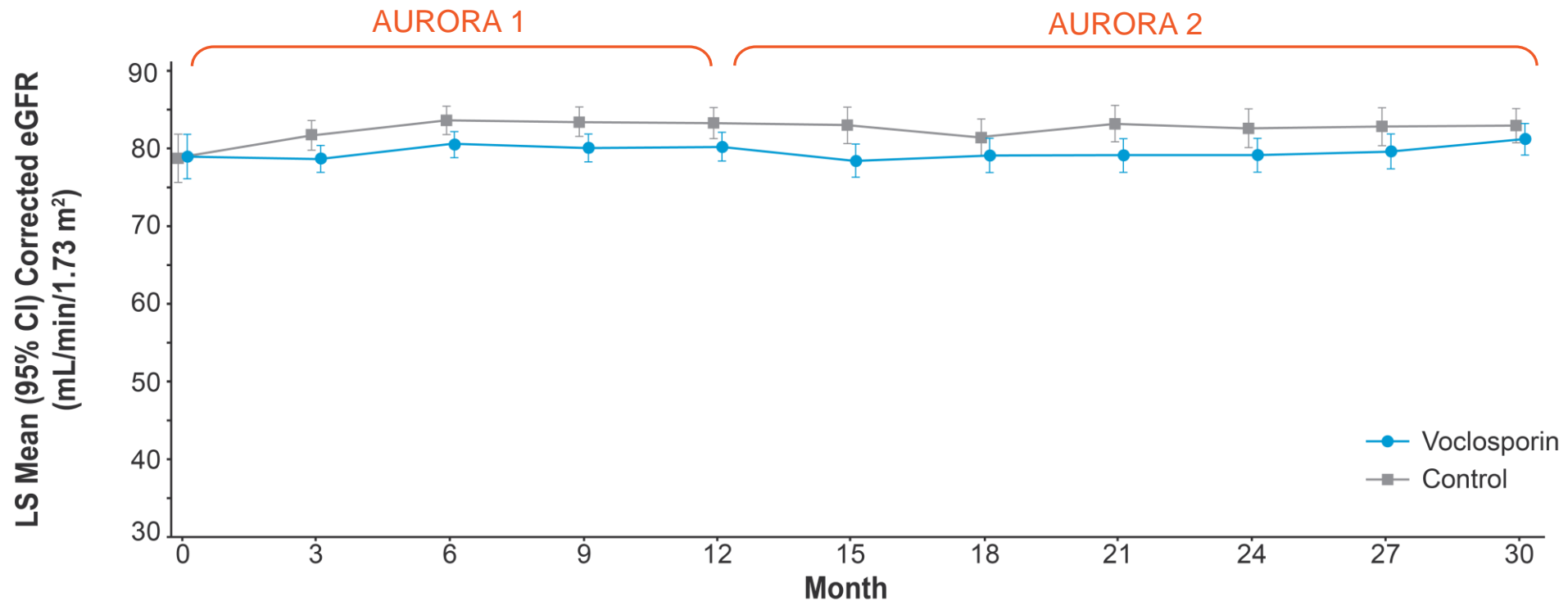
Mean UPCR at month 30 was 0.58 mg/mg in the voclosporin arm (n=90) and 1.34 mg/mg in the control arm (n=78)



Voclosporin (n)	116	116	115	115	115	109	109	105	98	92	90
Control (n)	100	100	100	100	100	92	94	89	75	80	78

AURORA 2 Interim Analysis: eGFR Over Time

There was a small, expected and early decrease in mean eGFR in the voclosporin arm in the first four weeks of treatment in AURORA 1, after which eGFR remained stable through to month 30



Voclosporin (n)	116	116	116	116	116	112	111	105	97	92	90
Control (n)	100	100	100	100	100	96	95	89	75	78	76

AURORA 2 Interim Analysis: Summary of Adverse Events

- No unexpected new AEs were reported in voclosporin-treated patients compared to control-treated patients
- A total of 10 and 6 patients in the control and voclosporin arms reported events of coronavirus (COVID-19) infection, with 6 and 2 patients, respectively, reporting serious coronavirus infections

	Control (n=100) n (%)	Voclosporin (n=116) n (%)
Adverse Event (AE)	94 (94.0)	107 (92.2)
AE of coronavirus infection	10 (10.0)	6 (5.2)
Serious Adverse Event (SAE)	29 (29.0)	31 (26.7)
SAE of Infections and Infestations	18 (18.0)	14 (12.1)
SAE of coronavirus infection	6 (6.0)	2 (1.7)
Death	3 (3.0)	0 (0.0)

AURORA 2 Interim Analysis: Summary of Adverse Events

Adverse Event	Control (n=100) n (%)	Voclosporin (n=116) n (%)
Infections and infestations	70 (70.0)	81 (69.8)
Herpes zoster	13 (13.0)	14 (12.1)
Vascular disorders	23 (23.0)	30 (25.9)
Hypertension	12 (12.0)	30 (25.9)
Investigations	27 (27.0)	44 (37.9)
eGFR decreased	9 (9.0)	28 (24.1)
Electrocardiogram QT prolonged	2 (2.0)	0
Neoplasms	3 (3.0)	3 (2.6)
Metabolism and Nutrition Disorders	22 (22.0)	19 (16.4)
Hyperlipidaemia	5 (5.0)	5 (4.3)
Hyperkalaemia	0	2 (1.7)
Hyperglycaemia	0	1 (0.9)

Includes adverse events that occur on or after the day of the first dose of study drug including up to 30 days after the last dose and all events of death reported during study follow up. Interim analysis of AURORA 2 patients includes safety data from the one-year treatment period in AURORA 1 and all data available from AURORA 2 at the time of the analysis.

Conclusions

- Patients in the voclosporin arm of the AURORA 2 extension study maintained meaningful reductions in proteinuria with no change in mean eGFR at 30 months of treatment
- No unexpected AEs were observed in the AURORA 2 extension study
- This analysis provides further support on the positive benefit risk profile of voclosporin seen in both the Phase 2 AURA-LV and Phase 3 AURORA 1 studies, representing the largest successful LN clinical program to date
- Additional AURORA 2 efficacy and safety data will be provided at the conclusion of the study