

OZDRY Final Analysis

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For all effect estimates presented, the reference group is PRN (control arm).

Table 1: Non-Ocular Baseline Characteristics by Study Arm (of study patient)

| | Fixed dosing (N=50) | PRN dosing (N=50) |
|--|--------------------------------|------------------------------|
| Number of patients (eyes), n | 50 | 50 |
| Males, n (%) [N] | 40 (80) [50] | 34 (68) [50] |
| Age (years), mean (SD) [N] | 63.8 (11.1) [50] | 65.4 (9.8) [50] |
| Ethnicity [N] | [50] | [50] |
| White / Caucasioan, n (%) | 34 (68) | 35 (70) |
| Black or African, n (%) | 5 (10) | 5 (10) |
| Sout Asian, n (%) | 10 (20) | 8 (16) |
| Other, n (%) | 1 (2) | 2 (4) |
| Diabetes [N] | [50] | [50] |
| Type 1, n (%) | 7 (14) | 2 (4) |
| Type 2 on insulin, n (%) | 22 (44) | 22 (44) |
| Type 2 on tablets, n (%) | 21 (42) | 26 (52) |
| Duration of DM (months) median (IQR) [N] | 192 (112, 255) [50] | 196 (124, 249) [50] |
| HbA1c (%), mean (SD) [N] | 8.1 (1.4) [50] | 7.7 (1.3) [50] |
| Systolic BP (mmHg), mean (SD) [N] | 148.5 (20.5) [50] | 142.8 (20.5) [50] |
| Diastolic BP (mmHg), mean (SD) [N] | 79.3 (9.8) [50] | 77.7 (10.8) [50] |
| Study site [N] | [50] | [50] |
| Moorfields, n (%) | 16 (32) | 16 (32) |
| Wolverhampton, n (%) | 13 (26) | 12 (24) |
| Bristol, n (%) | 4 (8) | 6 (12) |
| Frimley, n (%) | 13 (26) | 12 (24) |
| Brighton, n (%) | 4 (8) | 4 (8) |

BP = blood pressure; DM = diabetes mellitus; n = number of patients (eyes); N = total number of patients (eyes); SD = standard deviation; IQR = interquartile range

Table 2: Ocular Baseline Characteristics by Study Arm (of study eye)

| | Fixed dosing (N=50) | PRN dosing (N=50) |
|--|--------------------------------|------------------------------|
| Laterality: right, n (%) [N] | 27 (54) [50] | 27 (54) [50] |
| ETDRS BCVA, mean (SD) [N] | 57.5 (9.5) [50] | 61.2 (8.6) [50] |
| VA group [N] | [50] | [50] |
| <54 ETDRS letters, n (%) | 15 (30) | 9 (18) |
| ≥54 ETDRS letters, n (%) | 35 (70) | 41 (82) |
| Duration of CSMO (months), median (IQR) [N] | 35.5 (15.0, 51.0) [50] | 37.0 (18.0, 48.0) [50] |
| Prior MLTs, n (%) [N] | 46 (96) [48] | 48 (96) [50] |
| Number of prior MLTs, median (IQR) [N] | 2 (1, 3) [45] | 2 (1, 3) [48] |
| MLT within last 12 months, n (%) [N] | 18 (39) [46] | 20 (42) [48] |
| Prior PRP, n (%) [N] | 14 (28) [50] | 8 (16) [50] |
| PRP within last 12 months, n (%) [N] | 5 (36) [14] | 2 (25) [8] |
| CRT (µm), mean (SD) [N] | 479.8 (128.4) [50] | 466.7 (144.1) [50] |
| CST (µm), mean (SD) [N] | 472.4 (113.5) [50] | 467.9 (126.4) [50] |
| Macular volume (mm ³), mean (SD) [N] | 10.0 (2.5) [50] | 10.4 (2.1) [50] |
| Morphology of macular oedema: | | |
| Intraretinal diffuse oedema, n (%) [N] | 43 (83) [50] | 41 (82) [50] |
| Intraretinal cysts, n (%) [N] | 48 (96) [50] | 50 (100) [50] |
| Subretinal fluid, n (%) [N] | 9 (18) [50] | 13 (26) [50] |
| Area of hypoautofluorescence (µm ²), median (IQR) [N] | 0.3 (0.2, 0.6) [14] | 0.2 (0.1, 0.6) [19] |
| Area of hyperautofluorescence (µm ²), median (IQR) [N] | 0.4 (0.2, 0.7) [29] | 0.5 (0.2, 0.6) [27] |
| Hard exudates in central 6mm fovea, n (%) [N] | 21 (42) [50] | 34 (68) [50] |
| Type of lens [N] | | |
| Pseudophakic, n (%) | 16 (32) [50] | 11 (22) [50] |
| Phakic, n (%) | 34 (68) [50] | 39 (78) [50] |
| Previous treatment for glaucoma, n (%) [N] | 0 (0) [50] | 1 (2) [50] |
| Prior cataract, n (%) [N] | 8 (16) [50] | 13 (26) [50] |
| ETDRS grade of retinopathy [N] | [49] | [50] |
| Mild NPDR, n (%) | 16 (33) | 17 (34) |
| Moderate NPDR, n (%) | 17 (35) | 21 (42) |
| Severe NPDR, n (%) | 5 (10) | 7 (14) |
| Treated PDR, n (%) | 11 (22) | 5 (10) |
| FAZ GLD (mm), mean (SD) [N] | 808.5 (271.8) [50] | 769.0 (190.4) [50] |
| FAZ Area (mm ²), median (IQR) [N] | 0.5 (0.3, 0.7) [49] | 0.4 (0.3, 0.6) [50] |

SIVS1007: Finalised Tables

ETDRS = Early Treatment Diabetic Retinopathy Study; BCVA = best corrected visual acuity; VA = visual acuity; CSMO = clinically significant macular oedema; MLT = macular laser therapy; CRT = central retinal thickness; CST = central subfield thickness; NPDR = mild non-proliferative diabetic retinopathy (NPDR); PDR = proliferative diabetic retinopathy; FAZ – foveal avascular zone; GLD = greatest linear dimension; n = number of patients (eyes); N = total number of patients (eyes); SD = standard deviation; IQR = interquartile range; PRP=pan retinal photocoagulation

Please note that for the primary outcome we are assessing non-inferiority and therefore the lower limit of a one-sided 95% CI is derived from a two-sided 90% CI (both have the same lower limit).

Although one-sided p-values are provided, presentation of results should focus on the effect estimate and respective confidence interval.

For a non-inferiority margin of 5 ETDRS letters, the null hypothesis is that, Fixed is inferior to PRN and the alternative hypothesis is that Fixed is non-inferior to PRN.

For interpretation purposes, if the lower limit of the 90% CI contains -5 then there is no evidence to reject the null hypothesis. Conversely, if the 90% CI does not contain -5 then there is evidence to reject the null hypothesis.

Missing data were below the 10% as per approved SAP and thus primary intention to treat (ITT) analysis effect estimates are based on available cases (12 months data is not available for 3 patients who withdrew/died).

Table below summaries the primary outcome analyses for ITT and per protocol (PP) analyses and respective sensitivity analysis as per approved SAP. Also presented are the results of a post hoc ITT analysis using last observation carried forward (LOCF) for the 3 patients with missing 12 months primary outcome data.

For the PP analysis, the confidence interval does not contain -5 and thus we reject the null hypothesis (overall 5 patients excluded – 1 Fixed, 2 PRN withdrew/died; 1 PRN, 1 Fixed due to AE).

Table 3: Primary Analyses by Study Arm – Efficacy outcome measures

| | Fixed dosing (N=50) | PRN dosing (N=50) | Effect Estimate (two-sided 90% CI) | One-sided P-value |
|---|----------------------------|--------------------------|---|--------------------------|
| Intention To Treat (ITT) Analysis (available case) | | | | |
| ETDRS BCVA, mean (SD) [N] | | | | |
| - At 12 months | 57.8 (18.5) [49] | 61.4 (14.0) [48] | - | - |
| - Change from baseline* | 0.53 (16.1) [49] | 0 (13.0) [48] | -0.34 (-5.49, 4.81) | 0.07 |
| Per Protocol (PP) Analysis | | | | |
| ETDRS BCVA, mean (SD) [N] | | | | |
| - At 12 months | 58.5 (17.9) [48] | 61.1 (14.0) [47] | - | - |
| - Change from baseline* | 1.48 (14.8) [48] | -0.17 (13.1) [47] | 0.97 (-4.01, 5.95) | 0.02 |

| Post Hoc Last Observation Carried Forward (LOCF) ITT Analysis | | | | |
|---|---------------------|----------------------|------------------------|-------|
| ETDRS BCVA, mean (SD) [N] | | | | |
| - At 12 months | 58.0 (18.4) [50] | 60.8 (14.2) [50] | - | - |
| - Change from baseline* | 0.52 (15.9) [50] | -0.44 (13.0) [50] | 0.28 (-4.72, 5.27) | 0.04 |
| Intention To Treat (ITT) Sensitivity Analysis (available case): Cataract Surgery | | | | |
| ETDRS BCVA, mean (SD) [N] | | | | |
| - At 12 months | 57.6 (18.6) [49] | 59.8 (14.1) [48] | - | - |
| - Change from baseline* | 0.35 (16.0) [49] | -1.65 (13.2) [48] | 1.18 (-3.97, 6.34) | 0.02 |
| Intention To Treat (ITT) Sensitivity Analysis (available case): Pseudophakic at Baseline | | | | |
| ETDRS BCVA, mean (SD) [N] | | | | |
| - At 12 months | 58.3 (19.9) [15] | 63.2 (14.5) [10] | - | - |
| - Change from baseline* | 0.53 (14.7) [15] | 1.2 (13.6) [10] | 0.73 (-11.4, 12.9) | 0.2 |
| Per Protocol (PP) Sensitivity Analysis: Cataract Surgery | | | | |
| ETDRS BCVA, mean (SD) [N] | | | | |
| - At 12 months | 58.3 (18.0) [48] | 59.4 (14.0) [47] | | - |
| - Change from baseline* | 1.29 (14.7) [48] | -1.85 (13.2) [47] | 2.51 (-2.48, 7.50) | 0.007 |
| Per Protocol (PP) Sensitivity Analysis: Pseudophakic at Baseline | | | | |
| ETDRS BCVA, mean (SD) [N] | | | | |
| - At 12 months | 61 (17.7) [14] | 63.2 (14.5) [10] | | - |
| - Change from baseline* | 3.78 (7.8) [14] | 1.2 (13.6) [10] | 5.81 (-2.44, 14.05) | 0.02 |
| Post Hoc LOCF ITT Sensitivity Analysis: Cataract Surgery | | | | |
| ETDRS BCVA, mean (SD) [N] | | | | |
| - At 12 months | 57.8 (18.5) [50] | 59.2 (14.2) [50] | - | - |
| - Change from baseline* | 0.34 (15.8) [50] | -2.02 (13.1) [50] | 1.73 (-3.26, 6.72) | 0.01 |
| Post Hoc LOCF ITT Sensitivity Analysis: Pseudophakic at Baseline | | | | |
| ETDRS BCVA, mean (SD) [N] | | | | |

| | | | | |
|-------------------------|---------------------|---------------------|------------------------|------|
| - At 12 months | 59.1 (19.5) [16] | 61.9 (14.4) [11] | - | - |
| - Change from baseline* | 0.5 (14.2) [16] | 0.64 (13.1) [11] | 1.22 (-9.51, 11.96) | 0.16 |

ETDRS = Early Treatment Diabetic Retinopathy Study; BCVA = best corrected visual acuity; SD = standard deviation;
 N = total number of patients (eyes)

* Adjusted for baseline BCVA and study site

Table 4: Secondary Analyses by Study Arm – Efficacy outcome measures

| | Fixed dosing (N=50) | PRN dosing (N=50) | Effect Estimate (95% CI) |
|--|-----------------------------|-----------------------------|---------------------------------|
| Proportion of patients with improvement in BCVA at 12 months from baseline (gaining ≥ 10 ETDRS letters)*, n (%) [N] | 12 (24) [49] | 11 (23) [48] | 0.82 (0.3, 2.3) |
| Proportion of patients with stabilisation in BCVA at 12 months from baseline (losing < 15 ETDRS letters)*, n (%) [N] | 42 (86) [49] | 44 (92) [48] | 0.56 (0.15, 2.18) |
| Distribution of change in BCVA at 12 months from baseline* [N] | [49] | [48] | Odds ratio for each |
| ≥ 15 letters improvement, n (%) | 7 (14) | 4 (8) | 1.3 (0.33, 5.40) |
| ≥ 5 and < 15 letters improvement, n (%) | 14 (29) | 12 (25) | 1.3 (0.50, 3.36) |
| ≥ 4 and < 5 letters (i.e. no change), n (%) | 4 (8) | 2 (4) | 2.5 (0.40, 15.62) |
| ≥ 5 and < 15 letters worsening, n (%) | 4 (8) | 7 (15) | 0.65 (0.17, 2.60) |
| ≥ 15 letters worsening, n (%) | 7 (14) | 4 (8) | 1.76 (0.46, 6.76) |
| CST, mean (SD) [N] | | | |
| - At 12 months | 292.9 (118.9) [47] | 372.3 (117.3) [47] | - |
| - Change from baseline* | -179.9 (172.4) [47] | -90.1 (96.2) [47] | -71.34 (-117.33, -25.34) |
| Change in 12 month ETDRS grade of retinopathy from baseline* [N] | [46] | [45] | |
| -2, n (%) | 1 (2) | 0 (0) | - |
| -1, n (%) | 1 (2) | 9 (20) | |
| 0, n (%) | 38 (83) | 29 (64) | |
| 1, n (%) | 4 (9) | 4 (9) | |
| 2, n (%) | 2 (4) | 3 (7) | |
| 3, n (%) | 0 (0) | 0 (0) | |
| 4, n (%) | 0 (0) | 0 (0) | |
| Number of treatments per patient, mean (SD) / median (IQR) [N] | 2.86 (0.45) / 3 (3, 3) [50] | 2.60 (0.70) / 3 (2, 3) [50] | 0.26 (0.03, 0.49) |
| Change in morphology of macular oedema from baseline*: | | | |
| Intraretinal diffuse oedema, n (%) [N] | 15 (31) [48] | 25 (53) [47] | 0.29 (0.11, 0.81) |
| Intraretinal cysts, n (%) [N] | 36 (75) [48] | 39 (83) [47] | 0.67 (0.23, |

| | | | |
|---|--------------------------|--------------------------|-------------------|
| Subretinal fluid, n (%) [N] | 0 (0) [47] | 3 (6) [47] | 1.95) - |
| Change in Area of hypoautofluorescence (μm^2), median (IQR) [N] | -0.04 (-0.13, -0.02) [5] | -0.19 (-0.22, -0.19) [5] | - |
| Change in Area of hyperautofluorescence (μm^2), median (IQR) [N] | -0.2, (-0.4, -0.1) [13] | -0.09 (-0.48, 0.02) [14] | - |
| Hard exudates in central 6mm fovea, n (%) [N] | 18 (38) [47] | 28 (62) [45] | 0.59 (0.21, 1.67) |

* Adjusted for baseline BCVA, study site and respective baseline covariate

Table 5: Secondary Analyses by Study Arm – Safety outcome measures

| | Fixed dosing (N=50) | PRN dosing (N=50) | Effect Estimate (95% CI) |
|--|------------------------------|-----------------------------|---------------------------------|
| FAZ GLD (um), mean (SD) [N] - At 12-months | 931.1 (366.3) [42] | 824.5 (272.1) [45] | |
| - Change from baseline* | 152.8 (419.2) [42] | 55.4 (293.8) [45] | 108.2 (-16.4, 232.7) |
| FAZ Area (mm ²)*, median (IQR) [N] - At 12-months | 0.47 (0.31, 0.78) [41] | 04 (0.27, 0.56) [45] | |
| - Change from baseline* | 0.03 (-0.11, 0.3) [41] | -0.05 (-0.14, 0.16) [45] | 0.06 (-0.11, 0.23) |
| Systolic BP (mmHg) at 12 months, mean (SD) [N] - At 12-months | 139.9 (18.2) [49] | 140.9 (16.1) [48] | |
| - Change from baseline* | -8.1 (22.5) [49] | -2.5 (21.5) [48] | -2.98 (-9.60, 3.63) |
| Diastolic BP (mmHg), mean (SD) [N] - At 12-months | 75.5 (9.5) [49] | 76.6 (10.2) [48] | |
| - Change from baseline* | -3.8 (10.4) [49] | -1.5 (8.6) [48] | -1.95 (-5.43, 1.53) |
| HbA1c (%), mean (SD) [N] - At 12-months | 8.1 (1.6) [49] | 7.8 (1.54) [48] | |
| - Change from baseline* | -0.001 (1.41) [49] | 0.12 (1.45) [48] | -0.02 (-0.56, 0.53) |
| Cataract surgery in study eye during 12 months, n (%) [N] | 1 (0) [49] | 4 (8.3) [48] | - |
| Commenced topical treatment for glaucoma, n (%) [N] | | | - |
| Required laser/surgical intervention for glaucoma, n (%) [N] | | | - |

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

BP = blood pressure; FAZ = foveal avascular zone; GLD = greatest linear dimension; IQR = interquartile range; PFCL = perifoveal capillary loss

* Adjusted for baseline BCVA, study site and respective baseline covariate

Table 6: Secondary Analyses by Study Arm – Patient reported outcome measures

| | Fixed dosing (N=50) | PRN dosing (N=50) | Effect Estimate (95% CI) |
|--|----------------------------|--------------------------|---------------------------------|
| Change composite scores of the National Eye Institute Visual Functioning Questionnaire (NEI-VFQ-25)* | 3.02 (15.4) [49] | -0.45 (12.2) [47] | 3.1 (-2.1, 8.3) |
| Change in each domain score: | | | |
| - General Health* | 1.56 (25.0) [48] | -4.79 (22.5) [47] | 0.6 (-7.4, 8.6) |
| - General Vision* | 2.04 (17.0) [49] | 2.13 (17.8) [47] | 1.0 (-5.8, 7.8) |
| - Ocular Pain* | 2.04 (19.5) [49] | -5.32 (19.3) [47] | 5.7 (-1.3, 12.8) |
| - Near Activities* | 3.15 (23.3) [49] | -2.22 (17.1) [47] | 5.8 (-1.4, 13.1) |
| - Distance Activities* | 2.04 (19.5) [49] | -5.32 (19.3) [47] | 5.7 (-1.3, 12.8) |
| - Social Functioning* | 6.12 (20.9) [49] | -2.13 (18.5) [47] | 6.3 (-0.6, 13.3) |
| - Mental Health* | 4.46 (26.4) [49] | 6.38 (21.5) [47] | -1.1 (-10.2, 8.0) |
| - Role Difficulties* | -1.27 (29.7) [49] | 0.27 (25.3) [47] | 1.7 (-8.3, 11.6) |
| - Dependency* | 1.36 | 2.72 | -1.3 (-11, |

| | | | |
|---|------------------------|-------------------------|----------------------|
| | (27.0) [49] | (23.8) [46] | 8.5) |
| - Driving* | 0.93 (5.8) [27] | 1.52 (13.1) [33] | -1.4 (-7.5, 4.7) |
| - Color Vision* | 7.65 (25.6) [49] | -1.63 (8.2) [46] | 2.7 (-3.5, 8.9) |
| - Peripheral Vision* | 4.17 (27.9) [48] | -3.26 (27.7) [46] | 4.8 (-4.1, 13.7) |
| Retinopathy Treatment Satisfaction Questionnaire (RetTSQ)* | 4.4 (12.7) [49] | 3.6 (15.1) [47] | 2.7 (-2.3, 7.7) |
| Retinopathy-Dependent Quality of Life questionnaire (RetDQoL)* | -0.38 (1.7) [49] | -0.14 (1.6) [48] | -0.16 (-0.8, 0.5) |

* Adjusted for baseline BCVA, study site and respective baseline covariate