



Restoring Balance. Renewing Life.

Corporate Presentation



December 2024



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1

Potential to Treat Pre-Cirrhotic MASH (F2-F3)

- HARMONY: 96-wk Ph2b study
- Week 96 data provided strongest reported efficacy data to date across MASH field:
 - ≥1 stage fibrosis improvement
 - 2 stage fibrosis improvement
 - MASH resolution
 - Fibrosis improvement and MASH resolution

Unprecedented Fibrosis Improvement After 96 Weeks of Treatment

2

Potential to Treat MASH Due to Cirrhosis (F4, compensated)

- SYMMETRY: 96-wk Ph2b study
- Week 36 data provided encouraging evidence of activity in difficult-to-treat population
- Statistically significant MASH resolution
- Opportunity to build on fibrosis improvement observed at Week 36

SYMMETRY Week 96 Readout with Histology Expected February 2025

3

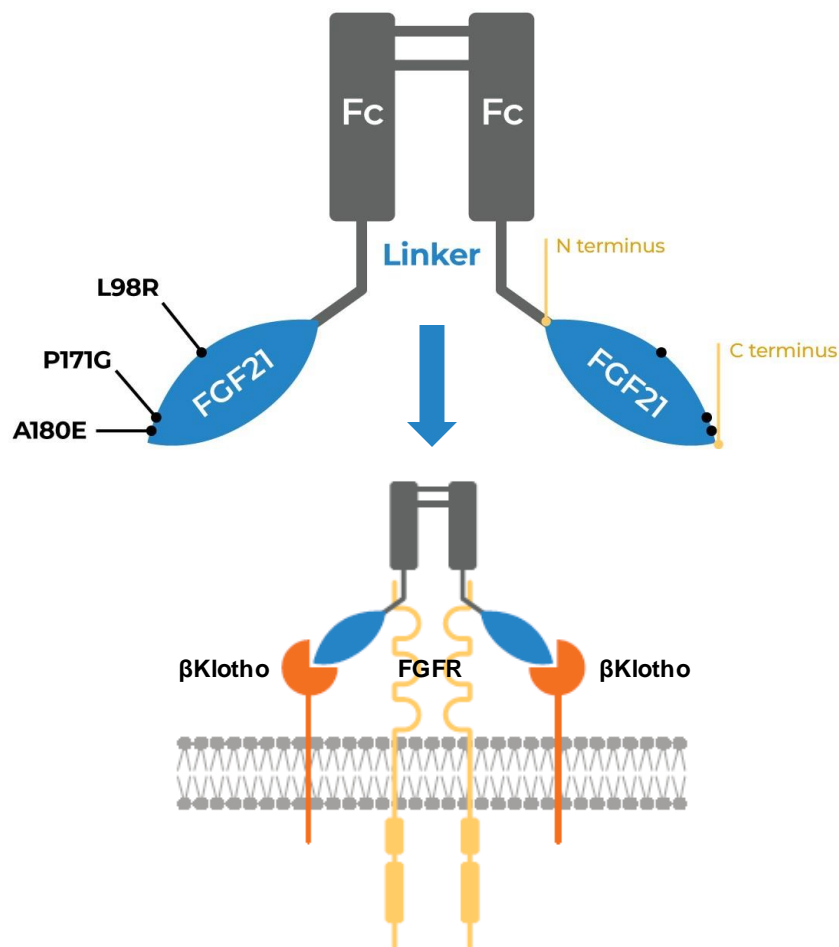
Global Phase 3 SYNCHRONY Program Underway (F1-F4, compensated)

- Phase 3 SYNCHRONY program comprised of three clinical trials
 - *Histology* (F2-F3), readout with histology expected 1H'27
 - *Real-World* (F1-F3), non-invasive tests only, readout expected 2026
 - *Outcomes* (F4, compensated)

All three SYNCHRONY studies are actively enrolling patients



EFX Bivalent Structure Potentially Optimal for MASH Efficacy, With Convenient Once-weekly Dosing



Bivalent FGF21 Analog Brings:



High β -Klotho affinity



High systemic exposure

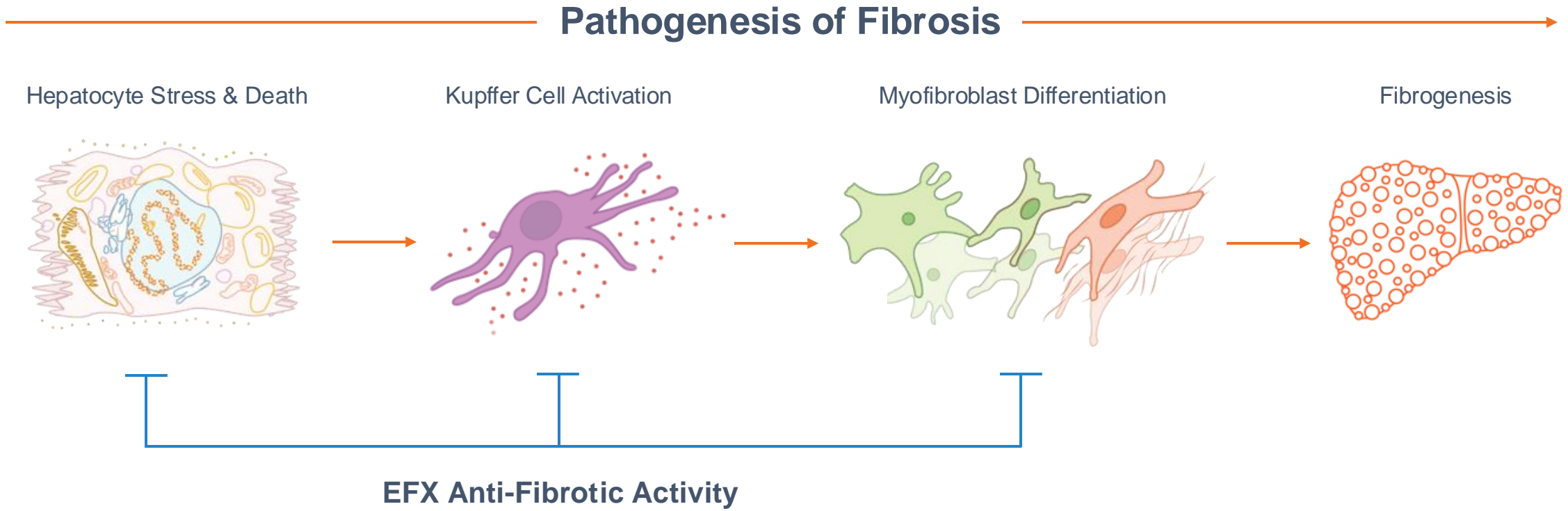


Maintained agonism of FGFRs throughout weekly dosing interval



Sustained pharmacodynamic effect through week 24 (F2-F3) and week 36 (F4, compensated)

Stanislaus, S *et al.* (2017) *Endocrinology* 158(5): 1314-27; Lee, S *et al.* (2018) *Nature* 553: 501-505; Kharitonov, A *et al.* (2007) *Endocrinology* 148(2)774-781



Bao, L et al. (2018) *Br J Pharmacol* 175:3379-3393; Fisher, FM et al. (2014) *Gastroenterology* 147:1073-1083.e6; Jimenez, V et al. (2018) *EMBO Mol Med* 10:e8791; Lee, JH et al. (2016) *Am J Transl Res* 8:4750-4763; Sanyal, A et al. (2018) *Lancet* 392:2705-2717; Le, CT et al. (2018) *PLOS one* 13:e0192146; Xu, P et al. (2016) *Toxicol Appl Pharmacol* 290:43-53; Yu, Y et al. (2016) *Int Immunopharmacol* 38:144-152

*Cited literature available on company website

Breakthrough Therapy (US FDA - 2022)

- Enables expedited development
- Signifies potential for substantial improvement over available therapy on clinically significant endpoints
- Based on Phase 2b HARMONY data

Fast Track (US FDA - 2021)

- Enables more frequent regulatory interactions to resolve development issues with potential eligibility for priority review
- Signifies potential to fill an unmet medical need
- Based on Phase 2a BALANCED data

PRIME (EMA - 2020)

- Enables enhanced regulatory support
- Signifies potential to offer a major therapeutic advantage over existing treatments or benefit patients without treatment options
- Based on Phase 2a BALANCED data

Efruxifermin was the first investigational MASH drug to receive all three designations



Comprehensive Phase 3 SYNCHRONY Program Builds on Data from Two Biopsy-based Phase 2b Studies



Comprehensive Phase 3 SYNCHRONY program (N ~3500) builds on two biopsy-based Phase 2b studies (N ~300) in corresponding patient populations

HARMONY¹



symmetry²
FOR CIRRHOTIC NASH



Fibrosis Stage	F2-F3	F2-F3	F4, Compensated	F4, Compensated
Phase	2b	3	2b	3
N	128	1650	182	1150
Weeks	96	240	96	~260



Phase 3 study evaluating safety & tolerability in ~700 clinically-diagnosed patients (F1 to F4, compensated) for 52 weeks

¹ HARMONY Phase 2b 24-Week Results published in Lancet Gastro Hepatol 2023; 8(12):1080–1093

² SYMMETRY Phase 2b 36-Week Results presented at AASLD 2023, LB-5005 Hepatology 2024; 79:E33-E85

HARMONY

STATISTICALLY SIGNIFICANT EFFECTS AFTER 96 WEEKS

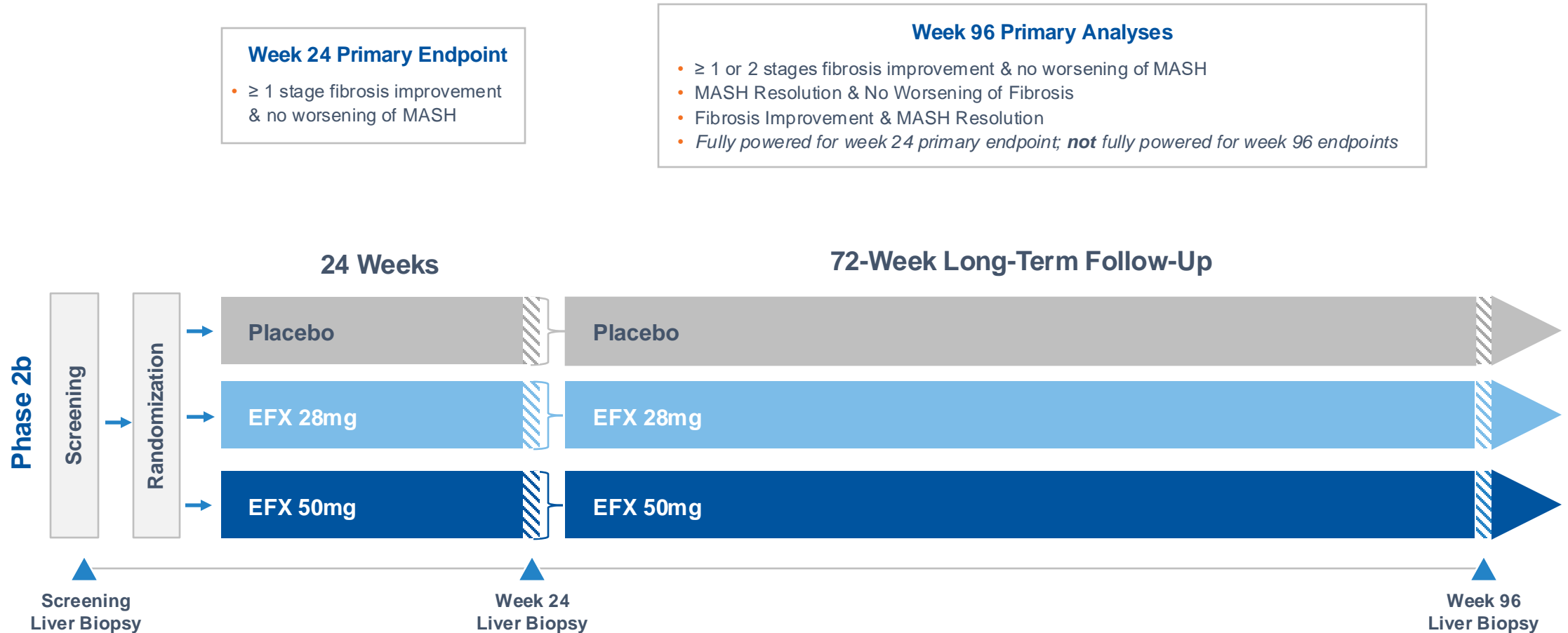
1-STAGE
FIBROSIS
IMPROVEMENT

2-STAGE
FIBROSIS
IMPROVEMENT

FIBROSIS IMPROVEMENT
AND
MASH RESOLUTION

MASH
RESOLUTION

HARMONY Trial Design: Pre-Cirrhotic (F2-F3) MASH with Liver Histology at 24 and 96 weeks



Analysis Set	N	Description
Full Analysis Set	128	All randomized subjects
Safety Set / Modified Full Analysis Set (ITT) <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">Placebo (N=43)</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">28mg (N=40)</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">50mg (N=43)</div> </div>	126	All randomized and dosed subjects ¹
Week 24 Liver Biopsy Analysis Set <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">Placebo (N=41)</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">28mg (N=38)</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">50mg (N=34)</div> </div>	113	All subjects with baseline and Week 24 biopsy results
Week 96 Liver Biopsy Analysis Set <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">Placebo (N=34)</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">28mg (N=26)</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">50mg (N=28)</div> </div>	88	All subjects with completed second on-study biopsy

¹ The Modified Full Analysis Set includes subjects that were randomized and received at least one dose of study drug per the Statistical Analysis Plan.

» Baseline Demographics

Parameter (Units)	Placebo (N=43)	EFX 28mg (N=42)	EFX 50mg (N=43)
Age (Years)	55	57	52
Sex (% Female)	63	69	53
Weight (kg)	108	104	103
Type 2 Diabetes (%)	65	76	70
Fibrosis Stage (% F3) ¹	70	64	63
Enhanced Liver Fibrosis (ELF) Score	9.8	9.7	9.8
Pro-C3 ² (µg/L) (GEN 2 ELISA)	125	113	145
Liver Stiffness by VCTE ³ (FibroScan) (kPa)	15	14	16
Hepatic Fat Fraction by MRI-PDFF ⁴ (%)	17.1	18.5	17.5
MASLD Activity Score (MAS)	5.4	5.1	5.6
Alanine Aminotransferase (ALT) (U/L)	62	50	63
Aspartate Aminotransferase (AST) (U/L)	57	42	52

¹ All patients either fibrosis stage 2 (F2) or stage 3 (F3); ² Procollagen 3 N-Terminal Propeptide; ³ Vibration-controlled transient elastography; ⁴ Magnetic Resonance Imaging Proton Density Fat Fraction

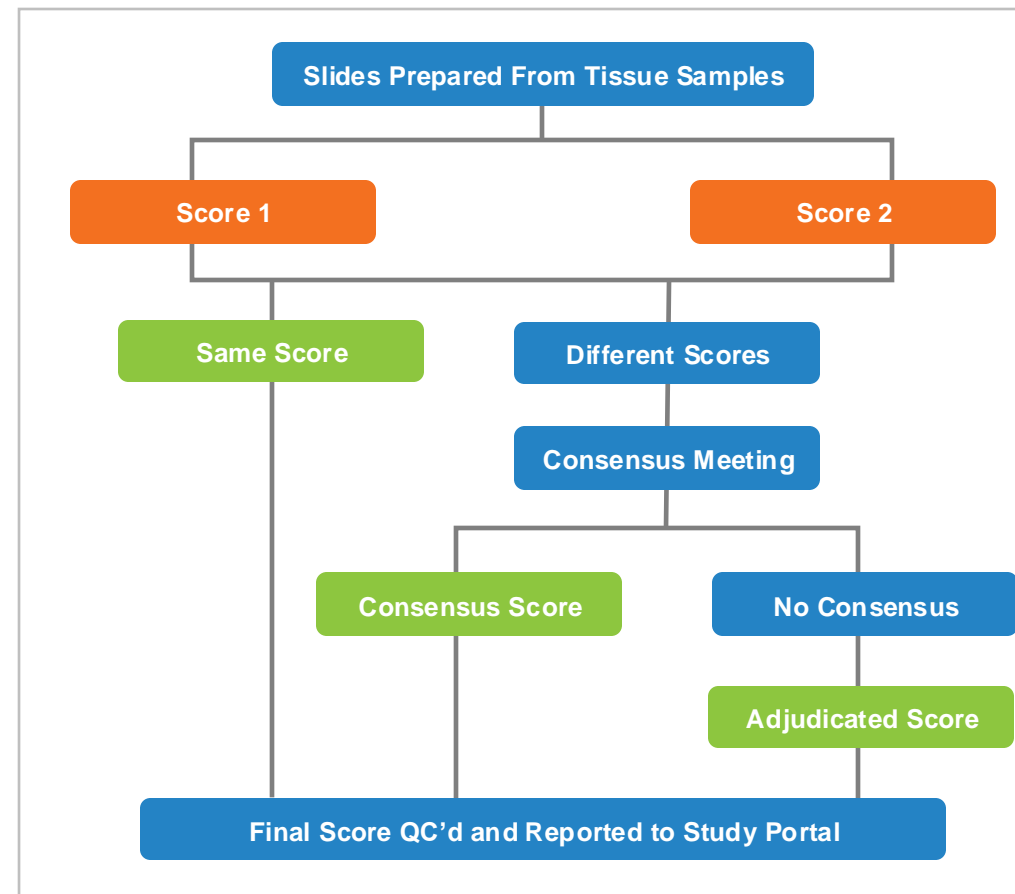


Consensus Reading of Biopsies: Rigorous Approach to Histopathology Based on FDA Input to Minimize Variability

Key Features of EFX Biopsy Analysis Plan

- Biopsies independently scored by two pathologists, with a third pathologist available to adjudicate in absence of consensus
- Pathologists underwent protocol-specific training to align on MASH-CRN scoring interpretation
- Pathologists blinded to subject, treatment, and sequence
- No paired biopsy reads (i.e., pre- and on-treatment biopsies not read side-by-side)

Consensus Biopsy Analysis Flow Chart

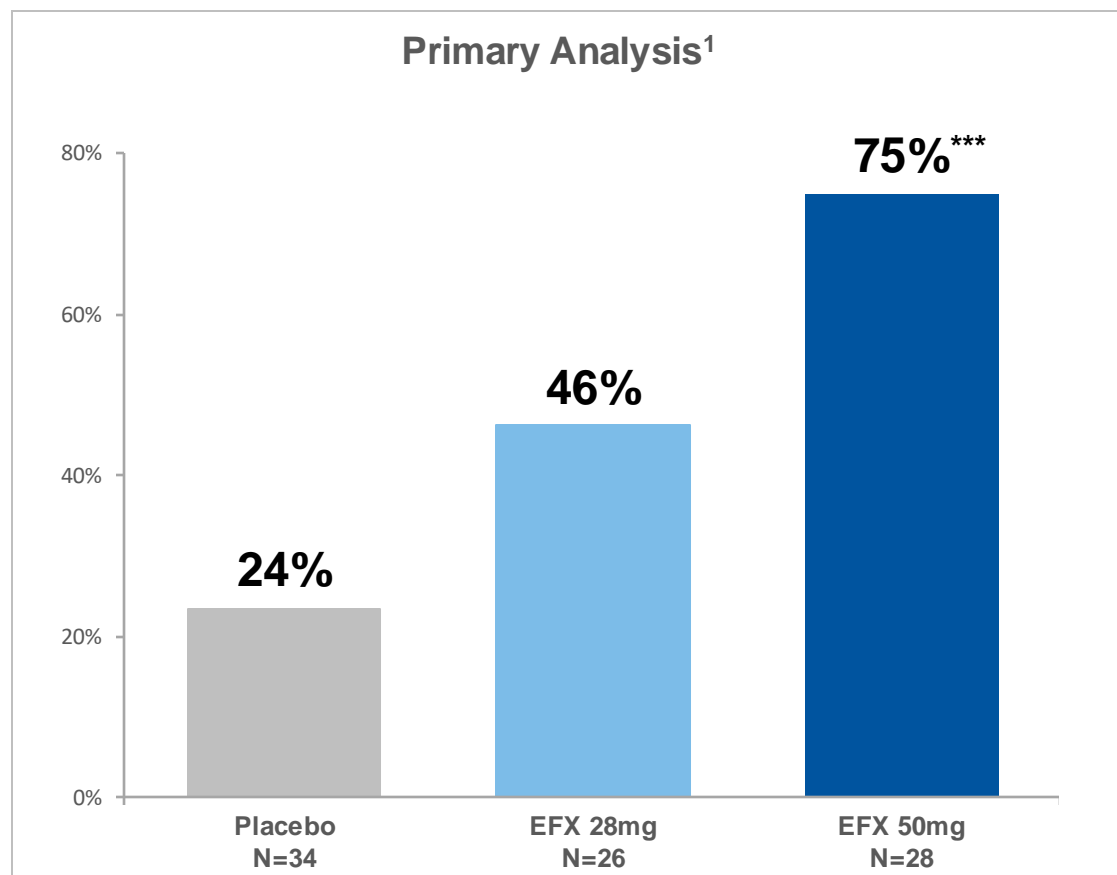




≥1 Stage Fibrosis Improvement & No Worsening of MASH: Statistically Significant Response Observed for 50mg EFX at Week 96



Fibrosis Improvement ≥1 Stage & No Worsening of MASH at Week 96



¹ All subjects with baseline and Week 96 biopsies

*** p<0.001, versus placebo (Cochran-Mantel-Haenszel Test [CMH])

ITT Analysis²

Placebo (N=43)	EFX 28mg (N=40)	EFX 50mg (N=43)
19%	30%	49%**

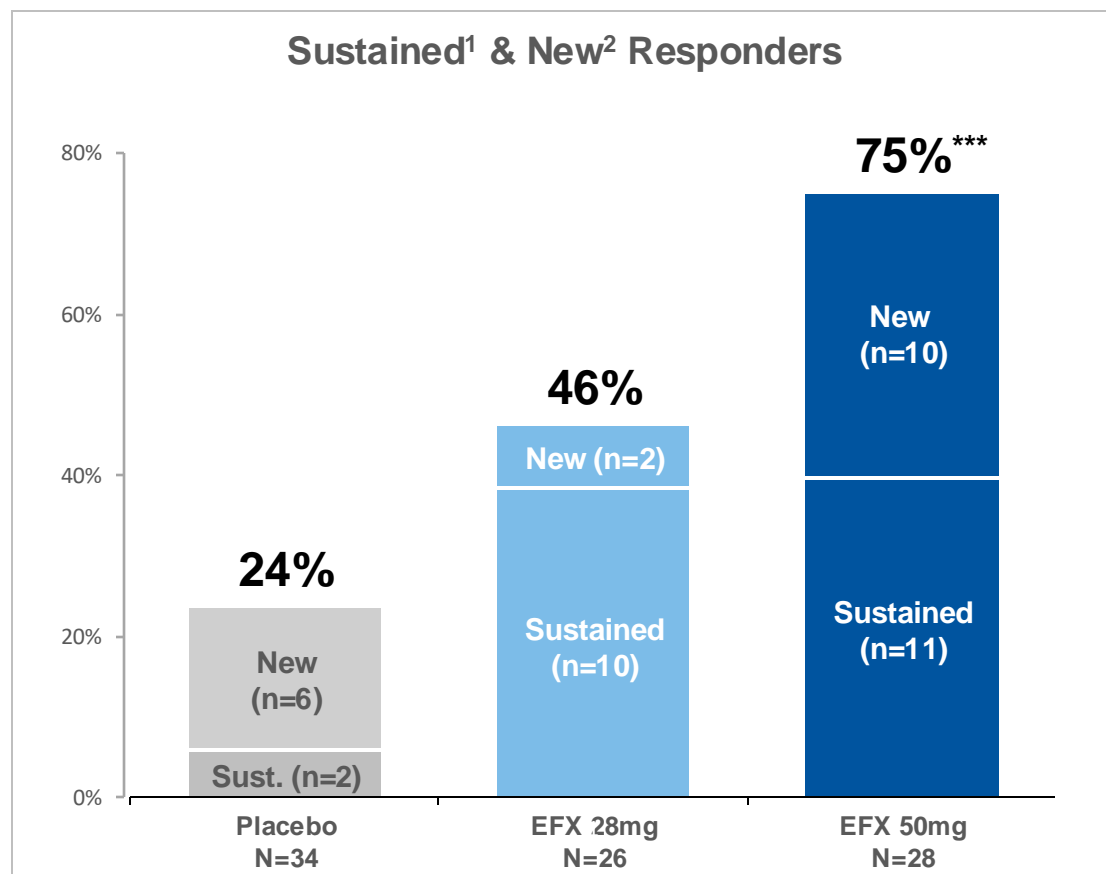
² All missing biopsies are imputed as a non-responder

** p<0.01, versus placebo (CMH)



≥1 Stage Fibrosis Improvement & No Worsening of MASH: Sustained, Broad and Durable Response

Fibrosis Improvement ≥1 Stage & No Worsening of MASH at Week 96



¹ Responder at Weeks 24 & 96; ² Responder at Week 96

*** p<0.001, versus placebo (CMH)

Proportion of Week 24 Responders with Sustained Response at Week 96^{3,5}

Placebo (N=5)	EFX 28mg (N=12)	EFX 50mg (N=12)
2 (40%)	10 (83%)	11 (92%)

Proportion of Week 24 Non-Responders with New Response at Week 96^{4,5}

Placebo (N=29)	EFX 28mg (N=14)	EFX 50mg (N=16)
6 (21%)	2 (14%)	10 (63%)

³ Among Week 24 responders with Week 96 biopsies

⁴ Among Week 24 non-responders with Week 96 biopsies

⁵ Not analyzed for statistical significance



EFX Fibrosis Improvement in Context: Pre-Cirrhotic MASH: ≥1 Stage Improvement in Fibrosis & No Worsening of MASH



akero
Efruxifermin
 Phase 2b (F2-F3)
 96 Wks / 66% F3
 Consensus Reading
Completers⁷

89bio
Pegozafermin¹
 Phase 2b (F2-F3)
 24 Wks / 65% F3
 Algorithmic Scoring
Completers⁷

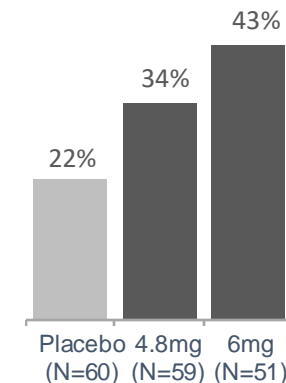
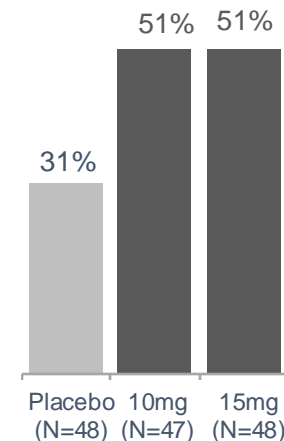
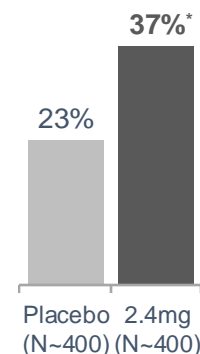
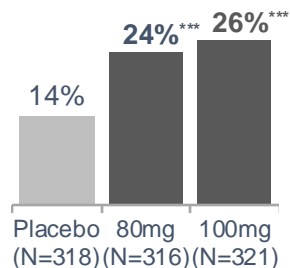
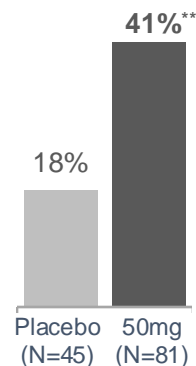
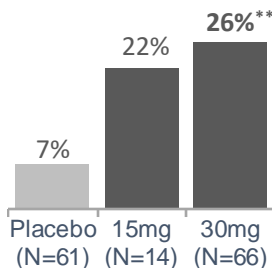
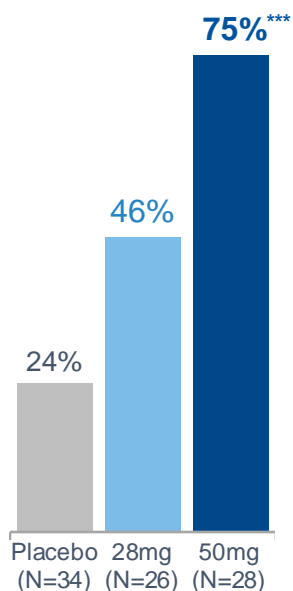
SAGIMET
 BIOSCIENCES
Denifanstat²
 Phase 2b (F2-F3)
 52 Wks / 58% F3
 Single Pathologist
Completers⁷

Madrigal
 Pharmaceuticals
Rezdiffra³
 Phase 3 (F1-F3)
 52 Wks / 62% F3
 Statistically Combined
ITT⁸

novo nordisk
Semaglutide⁴
 Phase 3 (F2-F3)
 72 Wks / ?% F3
 Consensus Reading
ITT¹⁰

Lilly
Tirzepatide⁵
 Ph2b (F2-F3)
 52 Wks / 57% F3
 Consensus Reading
ITT¹¹

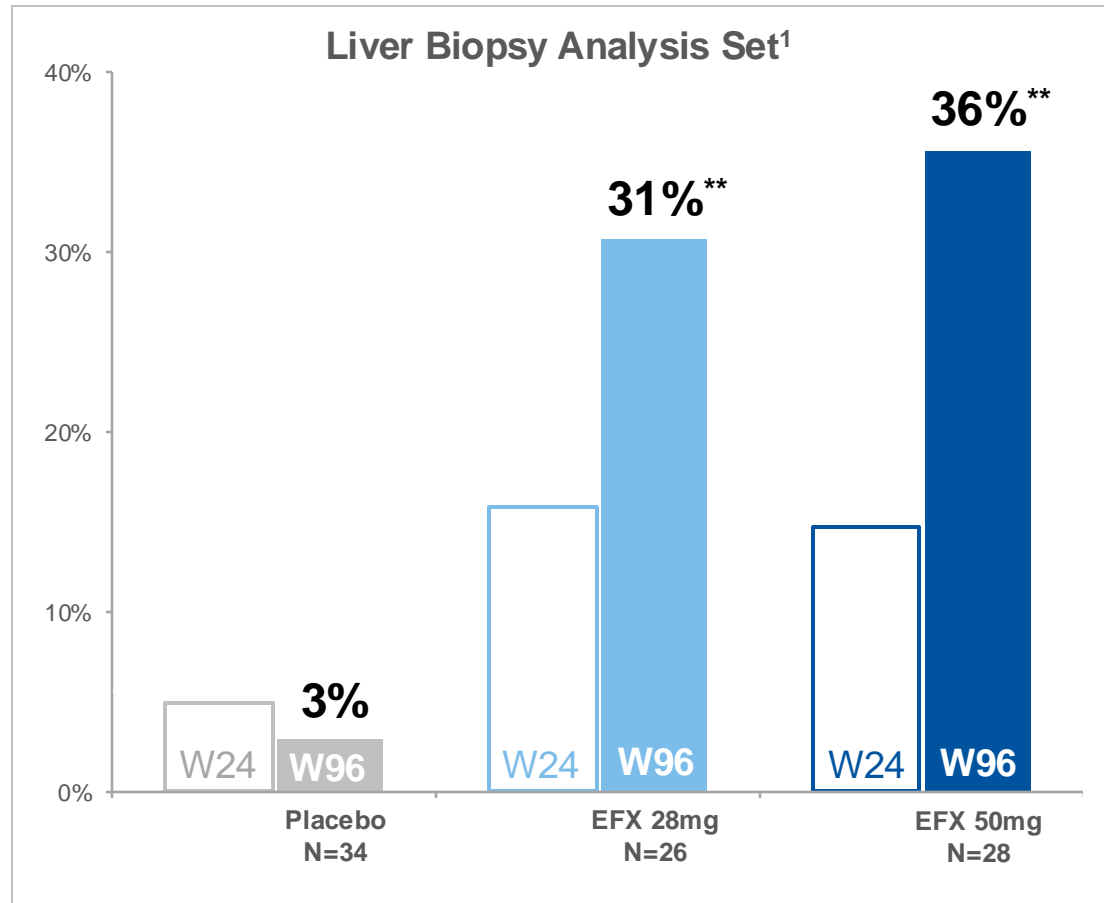
Boehringer
Ingelheim
Survodutide⁶
 Ph 2b (F2-F3⁵)
 48 Wks / 46% F3
 Single Pathologist
ITT^{8,9}



¹ 89Bio (2023) Mar 22 Corp Pres; ² Sagimet (2024) Aug Corp Pres; ³ Madrigal (2022) Dec 19 Press Rel; ⁴ Novo Nordisk (2024) Nov 1 Press Rel; ⁵ Loomba et al. (2024) New Engl J Med 391, 299-310; ⁶ Sanyal et al. (2024) New Engl J Med 391, 311-9; ⁷ Baseline and end-of-study biopsies available; ⁸ Missing biopsies (or ⁹ failure to reach target dose) imputed as non-responders; ¹⁰ Based on treatment policy estimand: treatment effect regardless of treatment adherence; ¹¹ Missing biopsies imputed assuming they follow the pattern of the placebo group. All trademarks are the property of their respective owners. * p<0.05, ** p<0.01, *** p<0.001, versus placebo (CMH). Note: These data are derived from different clinical trials at different points in time, with differences in trial design and patient populations. As a result, cross-trial comparisons cannot be made, and no head-to-head clinical trials have been conducted.

» Rate of 2-Stage Fibrosis Improvement Doubled from Week 24 to 96

Fibrosis Improvement 2 Stages & No Worsening of MASH, Weeks 24 and 96



Week 96 ITT Analysis²

Placebo (N=43)	EFX 28mg (N=40)	EFX 50mg (N=43)
2%	20%**	23%**

² Subjects with missing biopsies are imputed as non-responders

** p<0.01, versus placebo (CMH)

¹ All subjects with baseline and Week 24 or Week 96 biopsies ** p<0.01, [†]versus placebo (CMH)



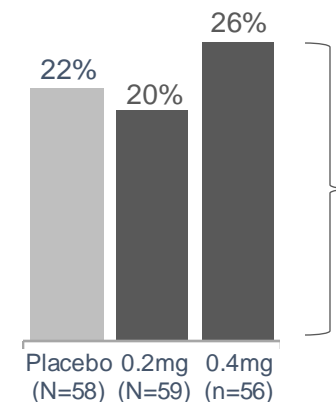
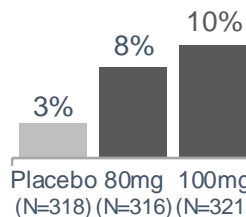
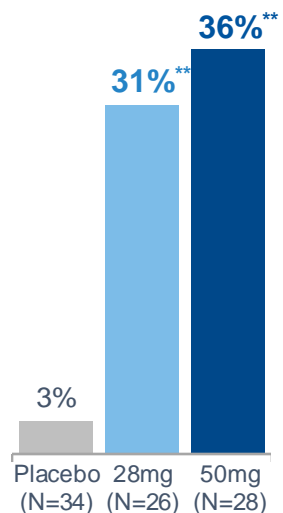
EFX Fibrosis Improvement in Context: Pre-Cirrhotic MASH: ≥ 2 Stage Improvement in Fibrosis & No Worsening of MASH



akero
Efruxifermin
 Phase 2b (F2-F3)
 96 Wks / 66% F3
 Consensus Readers
Completers¹

Madrigal
 Pharmaceuticals
Resmetirom
 Phase 3 (F1-F3)
 52 Wks / 62% F3
 Two Readers
ITT²

novo nordisk
Semaglutide
 Phase 2b (F2-F3)
 72 Wks / 69% F3
 Consensus Readers
ITT²



*Fibrosis Improvement Only
 (Worsening of MASH Not
 Reported)*

Note: These data are derived from different clinical trials at different points in time, with differences in trial design and patient populations. As a result, cross-trial comparisons cannot be made, and no head-to-head clinical trials have been conducted.

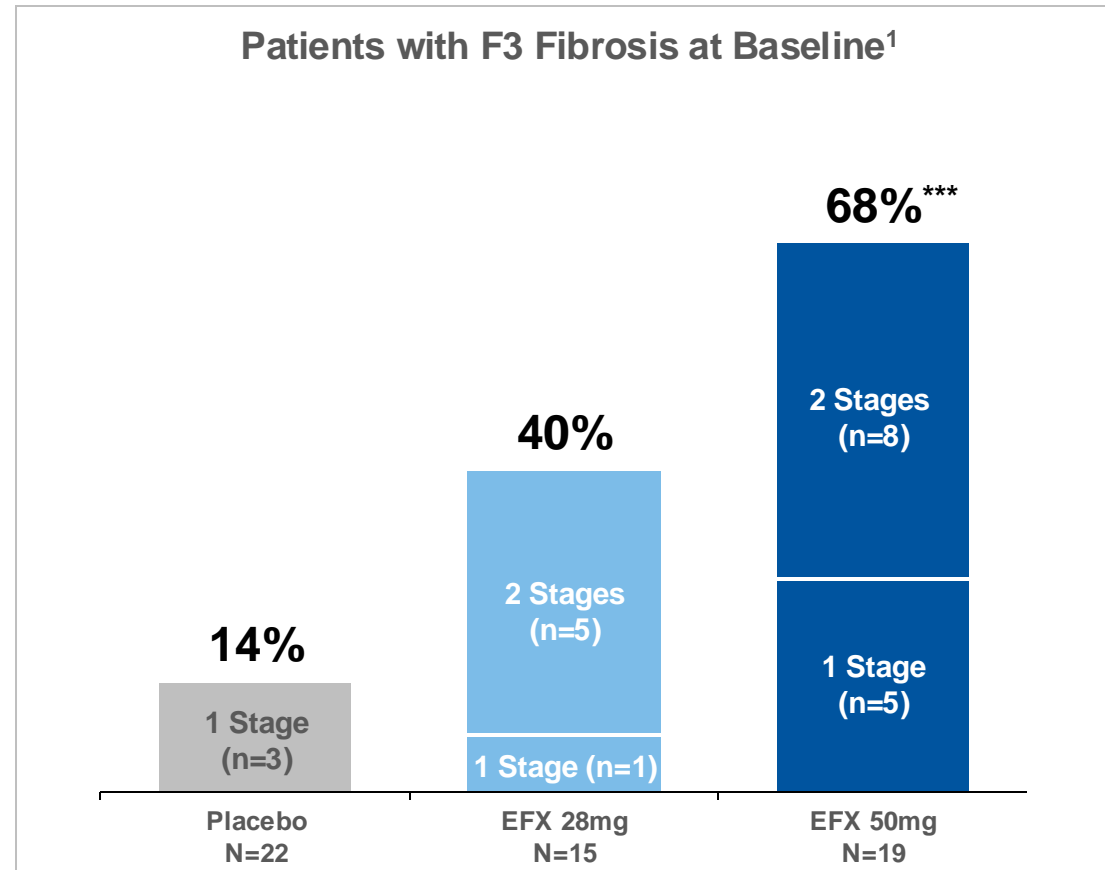
** p<0.01, versus placebo (CMH)

¹ Baseline and end-of-study biopsies available; ² Missing biopsies imputed as non-responders
 Resmetirom – Madrigal (2022) December 19 Press Release; Semaglutide - Newsome et al. (2021) New Engl J Med 384, 1113-24

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» **≥1 Stage Fibrosis Improvement & No Worsening of MASH: Statistically Significant Response Among F3 Patients Observed for 50mg EFX**

Fibrosis Improvement ≥1 Stage & No Worsening of MASH at Week 96



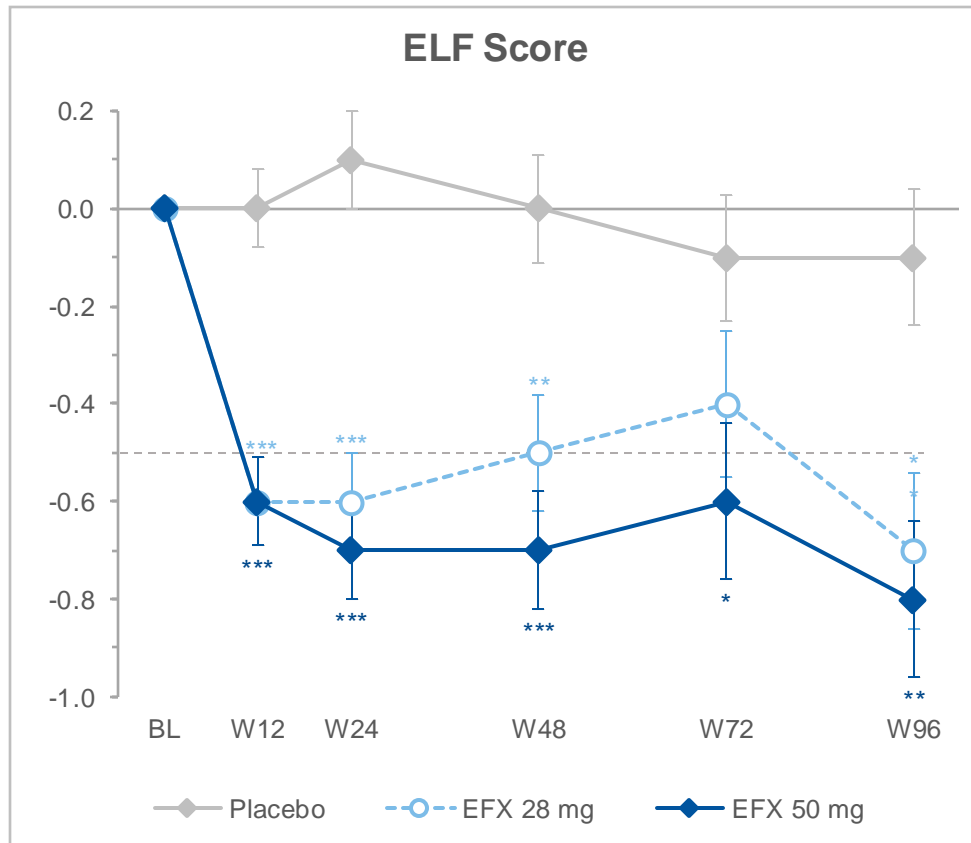
*** p<0.001, versus placebo (CMH)



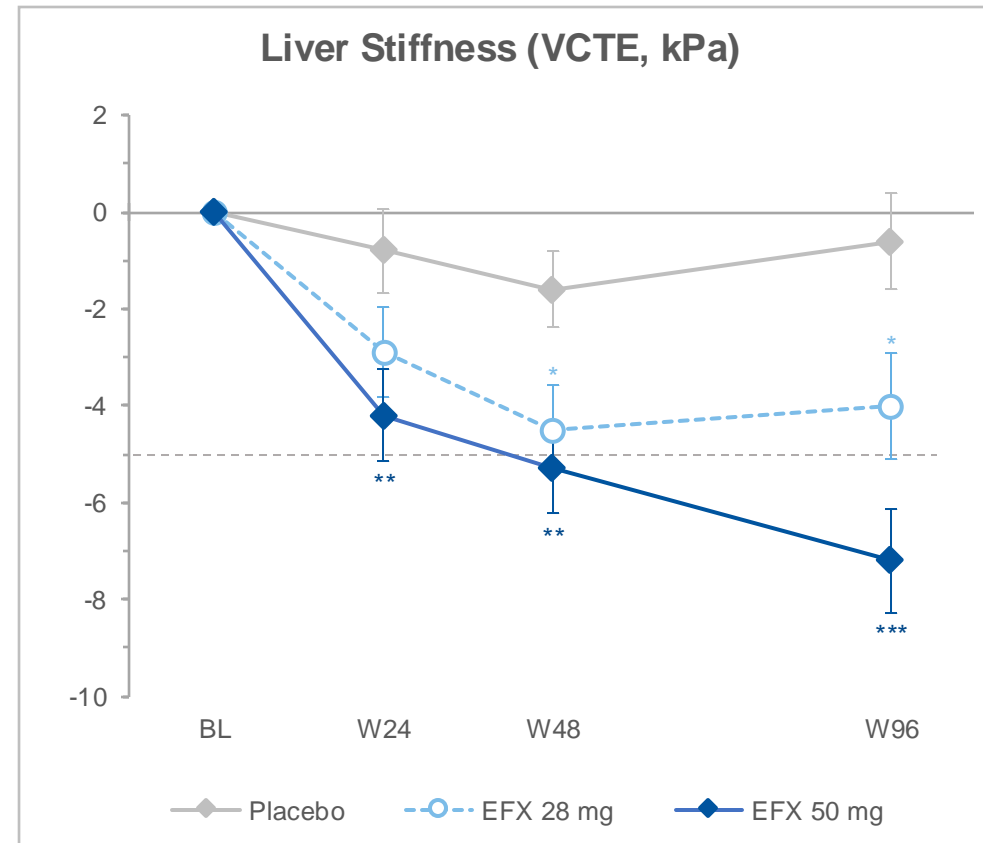
Pattern of Reductions in Imaging and Circulating Biomarkers of Fibrosis Corroborate Histological Improvement in Fibrosis



LS Mean (SE) Absolute Change From Baseline to Week 96



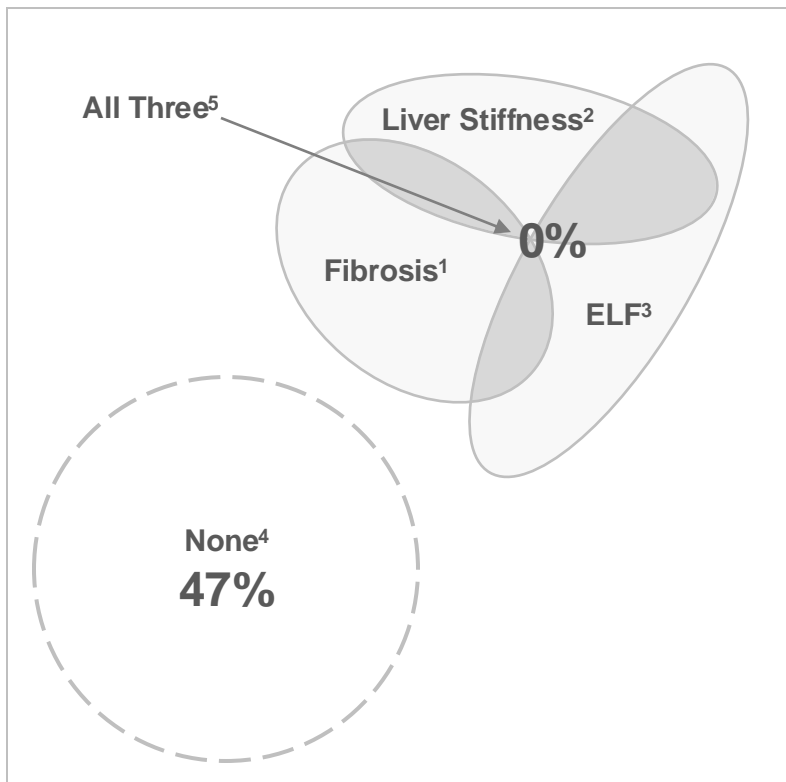
*p<0.05, **p<0.01, ***p<0.001 versus placebo (MMRM)



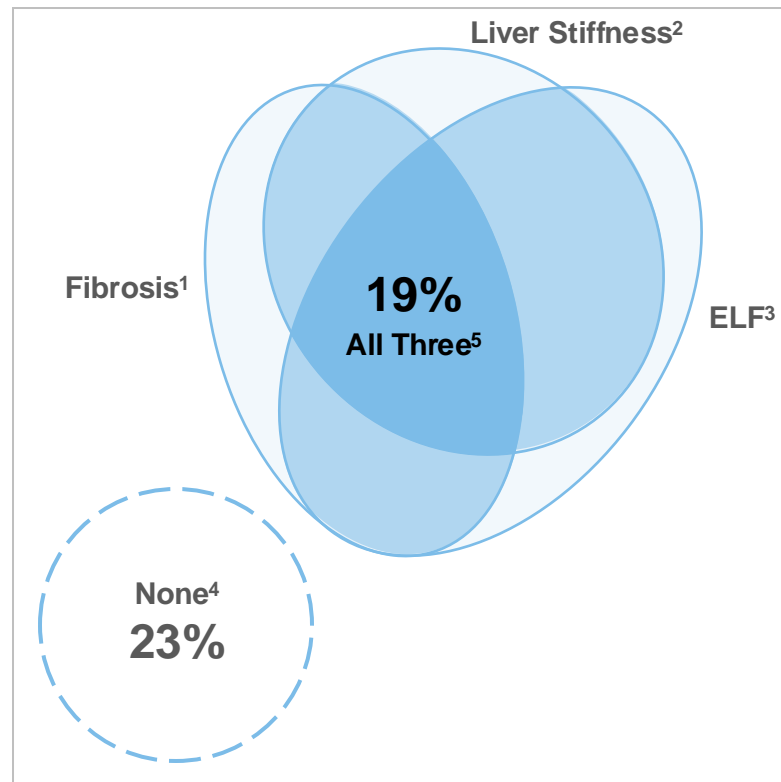
*p<0.05, **p<0.01, ***p<0.001 versus placebo (MMRM)

» Overlap of Imaging and Circulating Biomarkers of Fibrosis at 96 Weeks Corroborate Conventional Histopathology only in EFX-treated Individuals

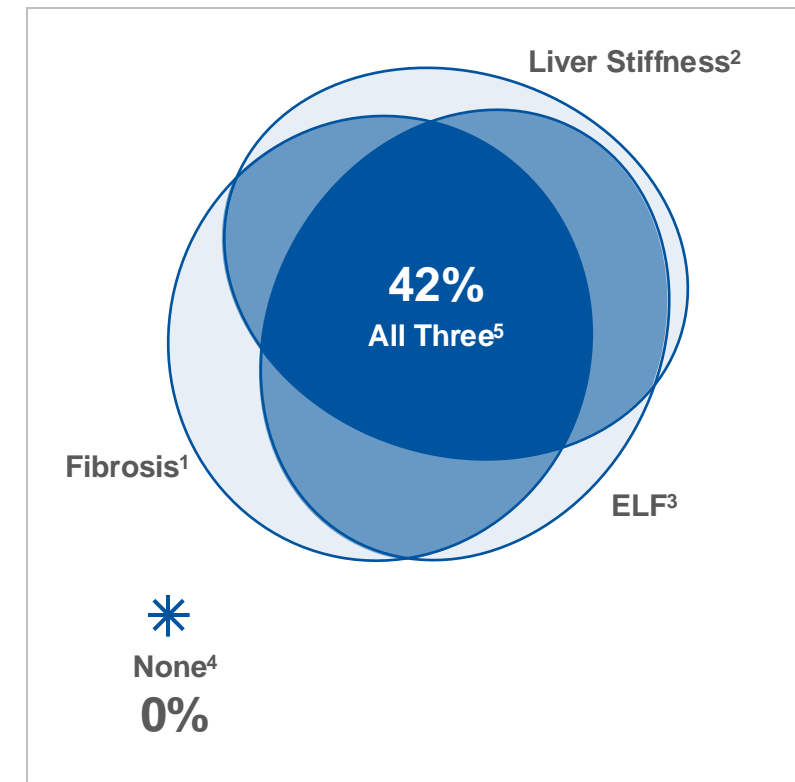
Placebo (N=32)



EFX 28 mg (N=26)



EFX 50 mg (N=24)



¹ Proportion with **histological fibrosis response** (improvement ≥ 1 stage without MASH worsening); ² Proportion with **liver stiffness response** ($\geq 30\%$ reduction by FibroScan [VCTE]); ³ Proportion with **ELF response** (≥ 0.5 reduction in ELF Score); ⁴ None: Proportion without any of fibrosis improvement, liver stiffness response, or ELF response; ⁵ All Three: proportion with fibrosis improvement, liver stiffness response, and ELF response

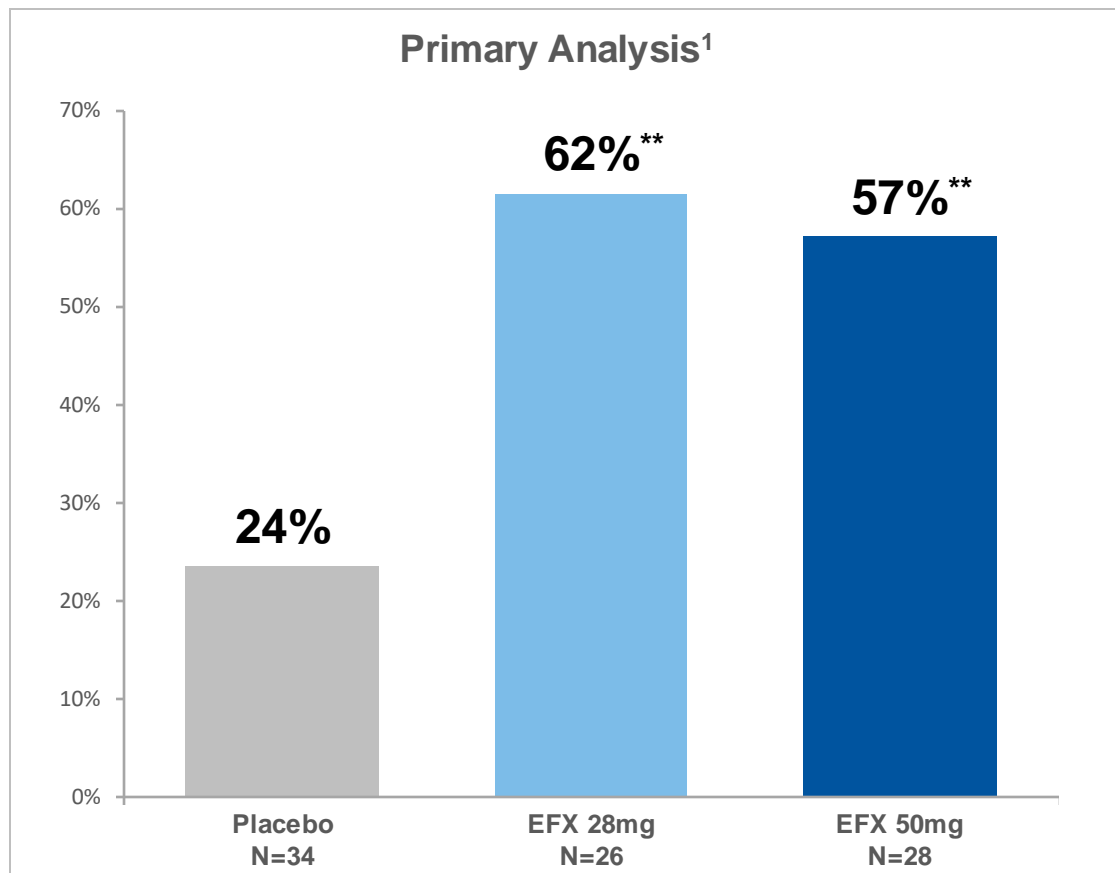


MASH Resolution & No Worsening of Fibrosis:

Statistically Significant Response Observed for Both EFX Groups



MASH Resolution & No Worsening of Fibrosis at Week 96



¹ All subjects with baseline and Week 96 biopsies

** p<0.01, versus placebo (CMH test)

ITT Analysis²

Placebo (N=43)	EFX 28mg (N=40)	EFX 50mg (N=43)
19%	40%*	37%*

² Subjects with missing biopsies are imputed as non-responders

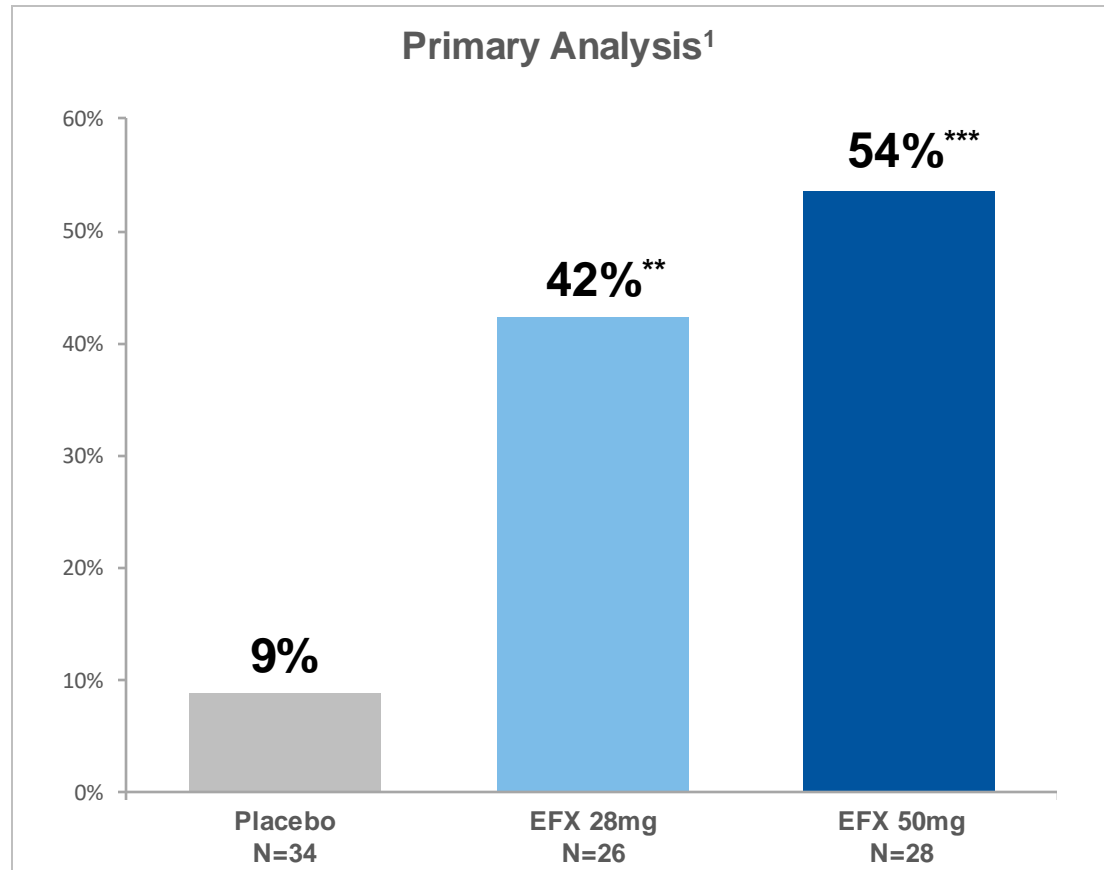
* p<0.05, versus placebo (CMH test)



≥1 Stage Fibrosis Improvement AND MASH Resolution: Statistically Significant Response Observed for Both EFX Groups



Fibrosis Improvement ≥1 Stage AND MASH Resolution at Week 96



¹ All subjects with baseline and Week 96 biopsies ** p<0.01, *** p<0.001, versus placebo (CMH)

ITT Analysis²

Placebo (N=43)	EFX 28mg (N=40)	EFX 50mg (N=43)
7%	28%**	35%**

² Subjects with missing biopsies are imputed as non-responders

** p<0.01, versus placebo (CMH)

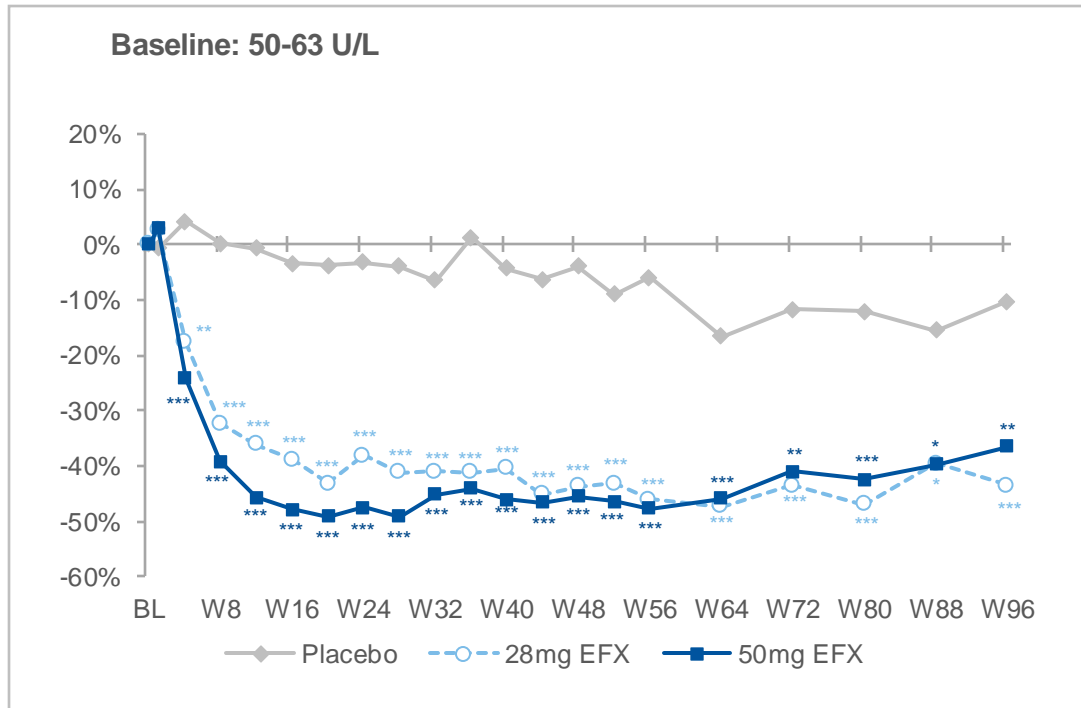


Statistically Significant Improvements in Markers of Liver Injury Sustained Through Week 96



ALT

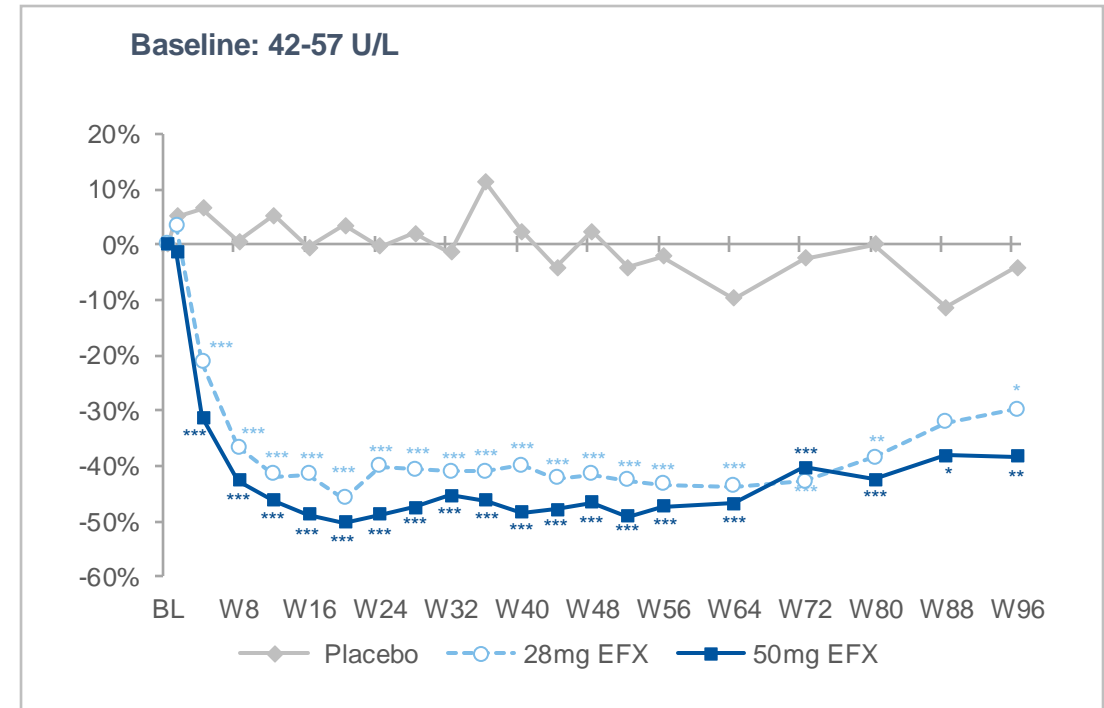
LS Mean Percent Change from Baseline



* p<0.05, ** p<0.01, *** p<0.001, versus placebo (MMRM)

AST

LS Mean Percent Change from Baseline



* p<0.05, ** p<0.01, *** p<0.001, versus placebo (MMRM)

» Treatment-Emergent Adverse Events (TEAE) From Baseline through Week 96

TEAE Overview	Placebo (N=43)	EFX 28mg (N=40)	EFX 50mg (N=43)
TEAE Leading to Death	0 (0%)	0 (0%)	0 (0%)
Serious Adverse Event (SAE)	4 (9%)	4 (10%)	7 (16%)
Drug-Related SAE	0 (0%)	1 (2%) ^a	1 (2%) ^b
Drug-Related TEAE Leading to Discontinuation	0 (0%)	4 (10%) ^{c,d}	3 (7%) ^{e,f}
Most Frequent (≥15%) Drug-Related TEAEs	Placebo	EFX 28mg	EFX 50mg
Diarrhea	7 (16%)	16 (40%)	16 (37%)
Nausea	5 (12%)	12 (30%)	14 (33%)
Increased Appetite	3 (7%)	7 (18%)	10 (23%)
Injection Site Erythema	6 (14%)	8 (20%)	7 (16%)
Injection Site Bruising	2 (5%)	6 (15%)	3 (7%)

^a Post week 24: pancreatitis (not confirmed on imaging and discharged within 24 hours)

^b Previously reported: esophagitis

^c Previously reported: (1) increased appetite & weight gain; (2) diarrhea;

^d Post week 24: (1) pancreatitis (SAE reported above); (2) diarrhea

^e Previously reported: (1) esophagitis & vomiting; (2) nausea

^f Post week 24: (1) diarrhea

Blood Pressure

- No statistical difference versus placebo in systolic & diastolic BP at week 96

Markers of Liver Function and Hemostasis

- Remained stable, including platelets, bilirubin, INR¹, MELD² and CP³ score

Progression to Cirrhosis

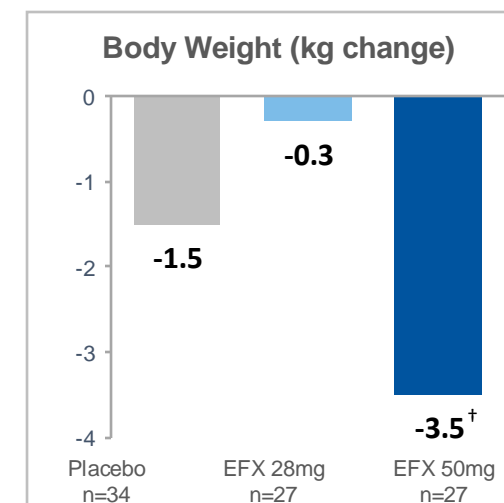
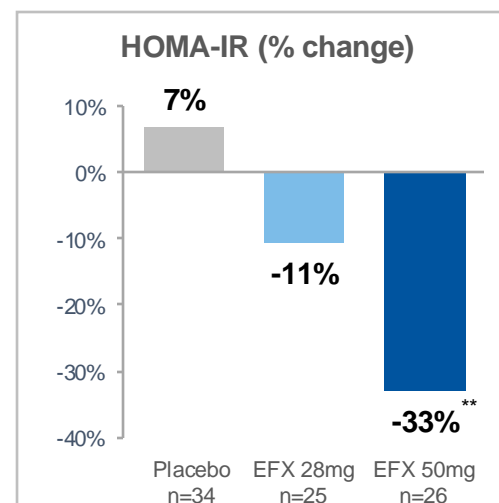
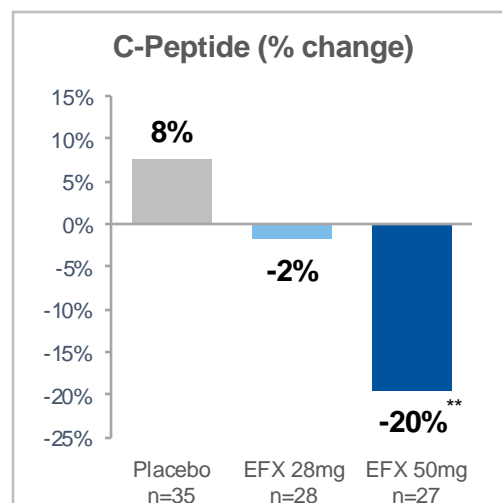
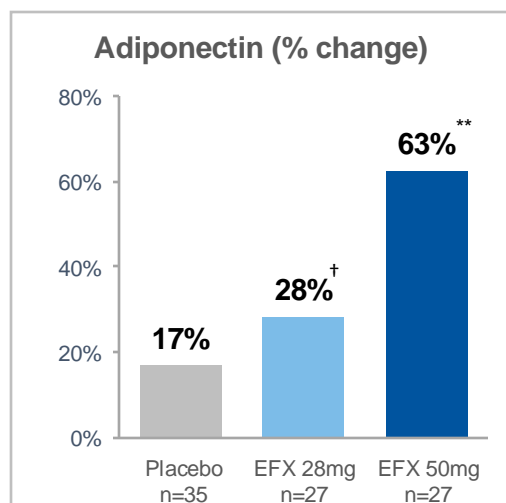
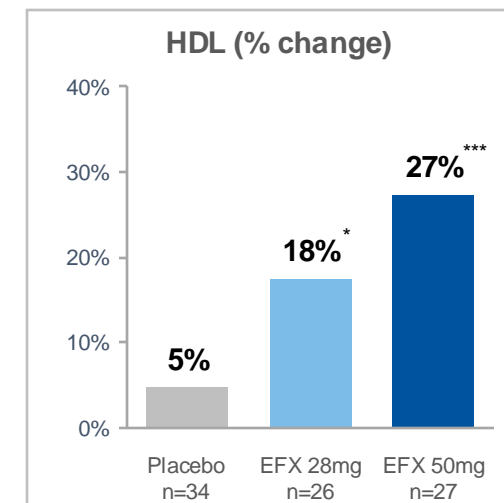
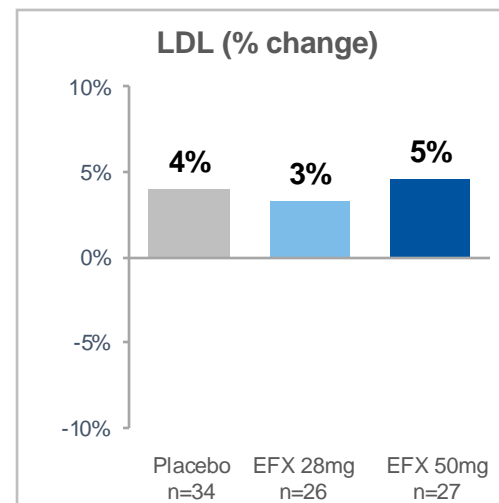
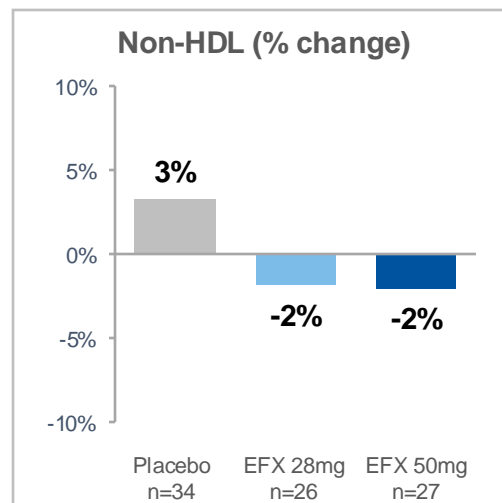
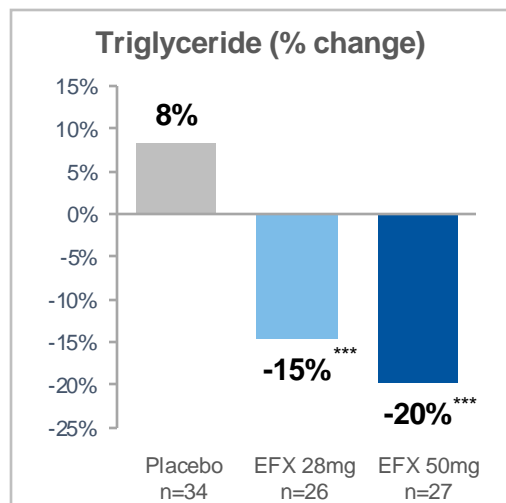
- Balanced across dose groups

Bone Mineral Density

- At week 48, no significant changes versus placebo for lumbar spine and femoral neck regions
- At week 96, significant reductions versus placebo for lumbar spine (3-4%, both EFX groups) and femoral neck regions (< 3%, 50mg EFX only)
- One vertebral fracture (L1) observed in placebo group; no vertebral fractures observed in EFX groups



Improvement in Lipoproteins, Markers of Insulin Sensitivity and Body Weight After 96 Weeks, LS Mean Change From Baseline

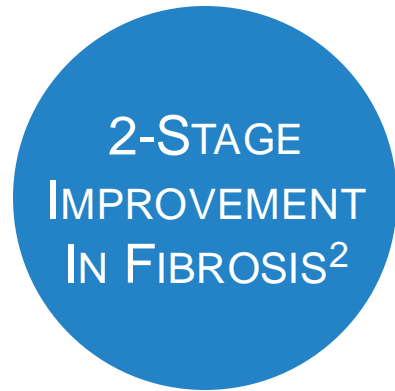


Unprecedented



75%* vs. 24%**
(50mg EFX vs. Placebo)

Deep



36%* vs. 3%**
(50mg EFX vs. Placebo)

Broad



63% vs. 20%⁶
(50mg EFX vs. Placebo)

Durable



92% vs. 40%⁶
(50mg EFX vs. Placebo)

Advanced

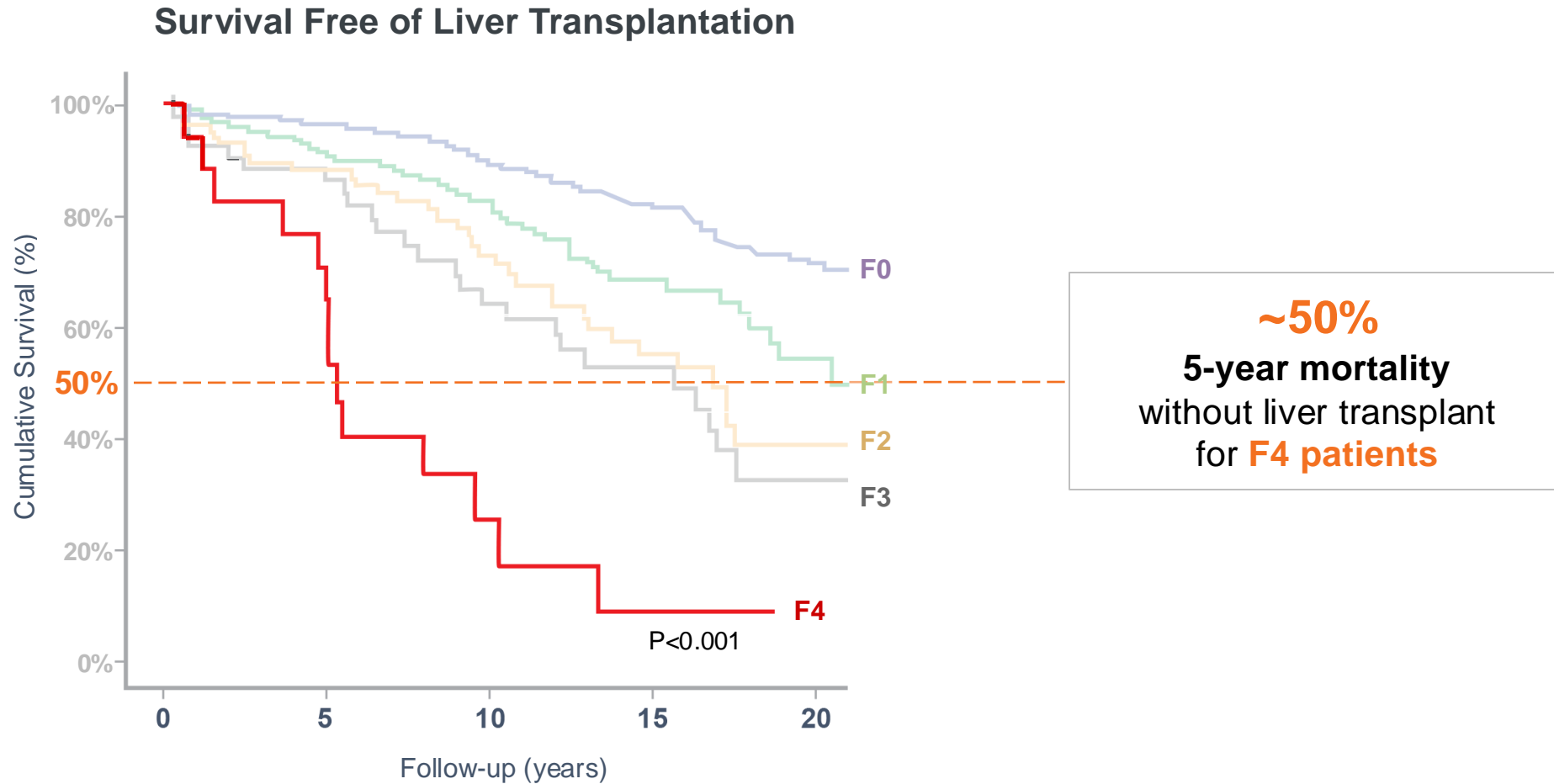


68%* vs. 14%**
(50mg EFX vs. Placebo)

*** p<0.001, versus placebo (CMH)

¹ ≥1 stage improvement in fibrosis without worsening of MASH; ² 2 stages improvement in fibrosis without worsening of MASH; ³ proportion of Week 24 non-responders who converted to week 96 responders; ⁴ proportion of Week 24 responders who were also week 96 responders; ⁵ ≥1 stage improvement in fibrosis without worsening of MASH among patients with week 96 biopsies and F3 fibrosis at baseline; ⁶ Not evaluated for statistical significance

» High Risk of Mortality Associated with Cirrhosis Due to MASH



» SYMMETRY Trial Design: Compensated Cirrhosis Due to MASH (F4) with Liver Histology at 36 and 96 weeks

Key Inclusion Criteria¹

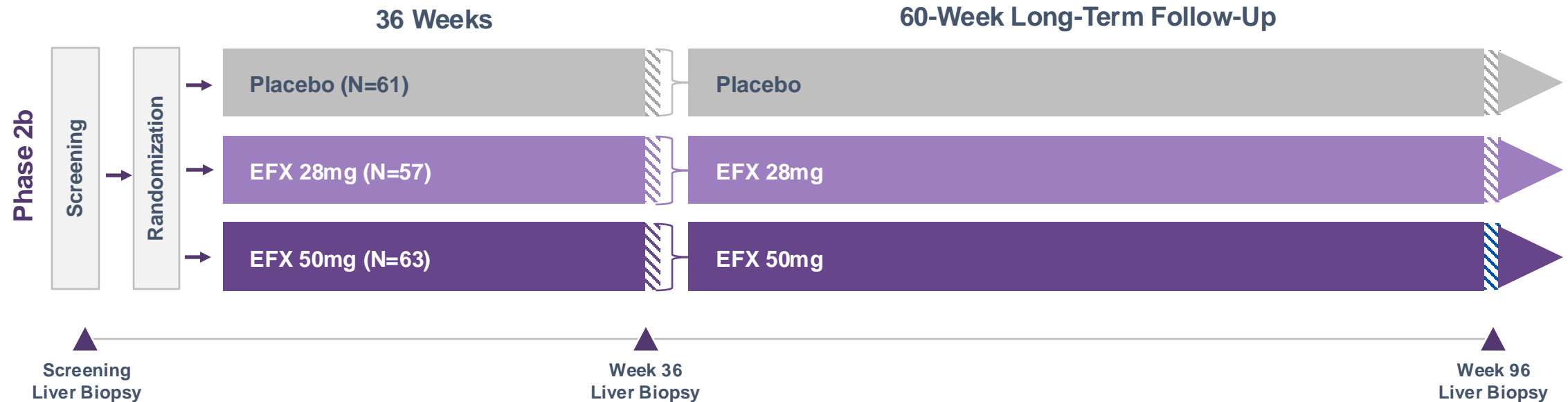
- F4 MASH (compensated)
- T2D or 2 of 4 components of metabolic syndrome

Phase 2b Primary Endpoint

- ≥ 1 Stage Fibrosis Improvement with no Worsening of MASH at Week 36

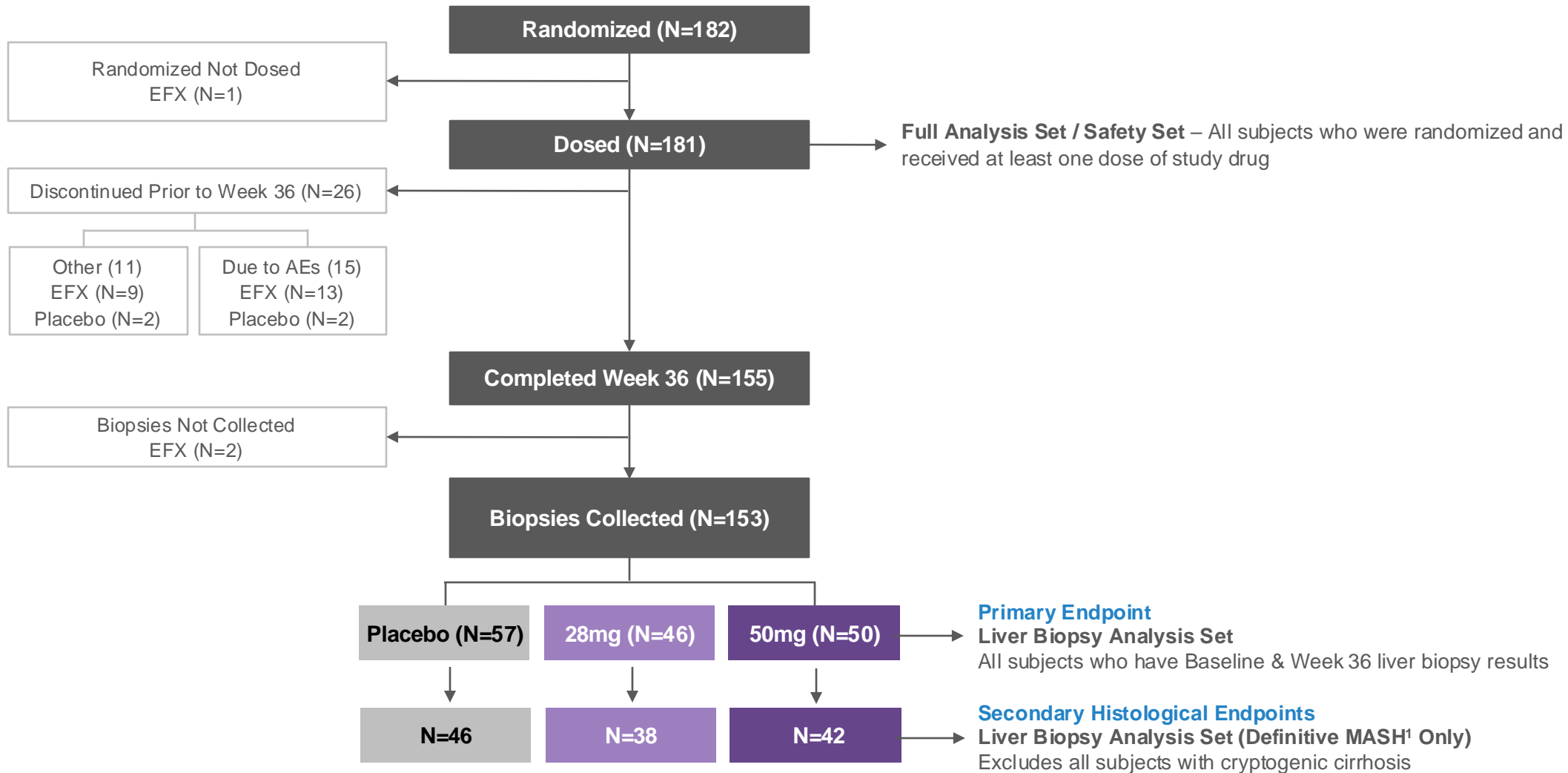
Key Secondary Efficacy Endpoints

- MASH Resolution
- Fibrosis Markers
- Lipoproteins
- Glycemic Control
- Weight Change
- Liver Injury Markers



¹ All patients had biopsy-proven compensated cirrhosis (fibrosis stage 4) due to definitive MASH or cryptogenic cirrhosis presumed secondary to MASH. Subjects with cryptogenic cirrhosis were limited to approximately 20% of the total study population.

» SYMMETRY Week 36 Patient Disposition & Key Analysis Sets



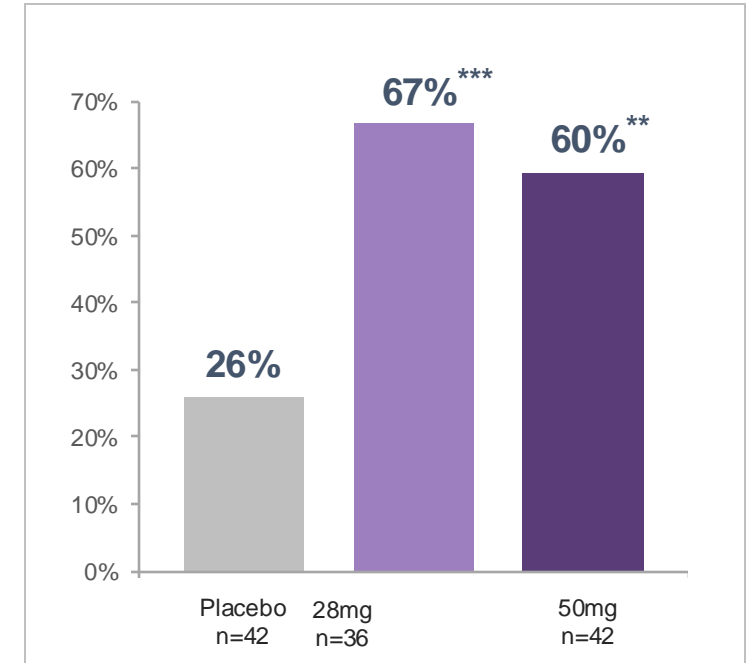
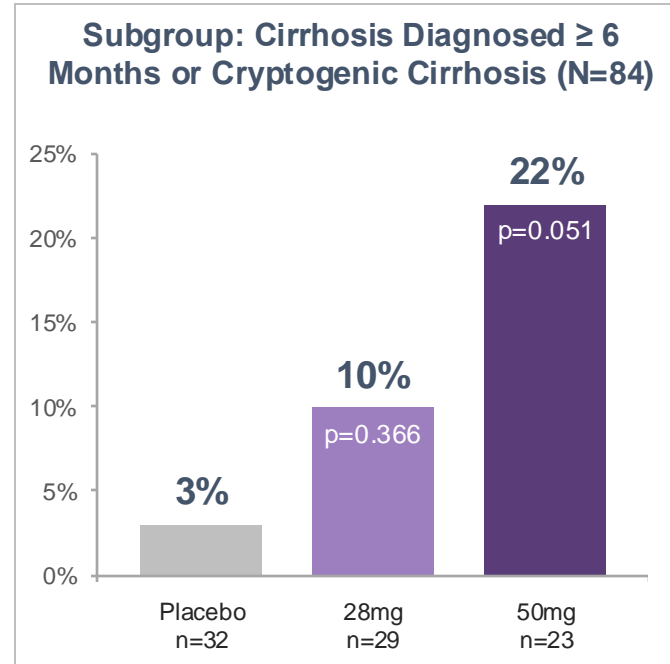
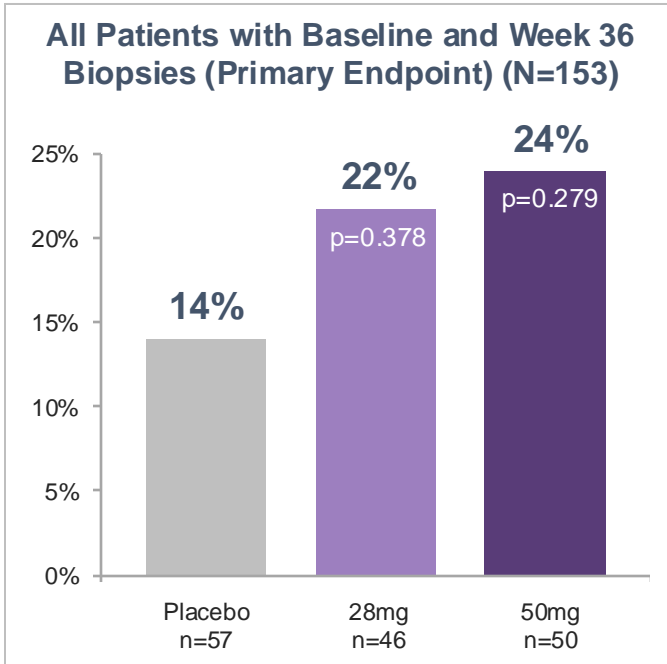
¹ MAS ≥ 3 with a score of ≥ 1 for each of steatosis, inflammation and ballooning

» SYMMETRY Baseline Demographics

Parameter (Mean)	Placebo (N=61)	EFX 28mg (N=57)	EFX 50mg (N=63)
Age (Years)	61	62	59
Sex (% Female)	62	68	70
Definitive MASH (%) / Cryptogenic Cirrhosis (%)	74 / 26	79 / 21	83 / 17
Enhanced Liver Fibrosis (ELF) Score	10.4	10.6	10.5
Pro-C3 (µg/L) (Generation 2 ELISA)	132	142	147
Liver Stiffness by VCTE (FibroScan) (kPa)	24.7	24.1	24.5
FAST Score	0.60	0.60	0.62
Alanine Aminotransferase (ALT) (U/L)	40.3	40.1	38.4
Aspartate Aminotransferase (AST) (U/L)	35.5	37.1	37.5
Type 2 Diabetes (%)	82	81	78
HbA1c (%)	6.8	6.8	6.6
Baseline Use of GLP-1 (%) / Sulfonylurea (%) / Insulin (%)	28 / 20 / 16	21 / 21 / 11	32 / 30 / 21
Triglycerides (mg/dL)	143	148	159
Statin Use (%)	52	46	43
Weight (kg)	102	99	95

Fibrosis Improvement ≥1 Stage Without Worsening of MASH at Week 36

MASH Resolution at Week 36



** p<0.01, *** p<0.001, versus placebo (CMH)

Statistically significant fibrosis improvement without worsening of MASH in patients with cirrhosis has not been reported for any investigational drug to date.

Longer duration of cirrhosis at baseline may increase proportion of liver with features of F4 cirrhosis versus F3, thus reducing probability of reversal to F3 for placebo patients.

The Phase 2b SYMMETRY study is the first known report of statistically significant response rates for MASH resolution.

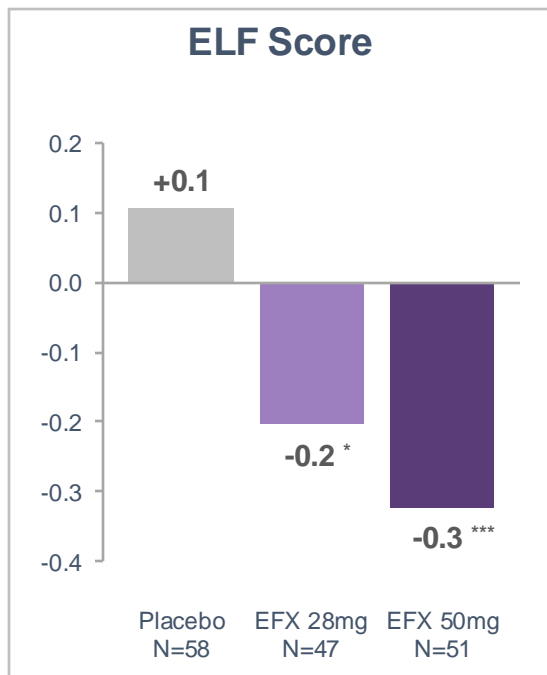
4 patients experienced 3- or 2-stage fibrosis improvement without worsening of MASH at Week 36



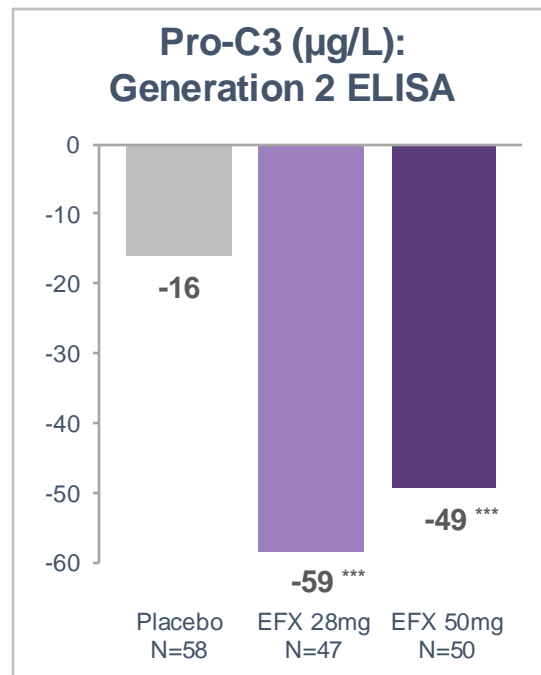
SYMMETRY Evidence of Anti-Fibrotic Activity: Analysis of Noninvasive Fibrosis Markers



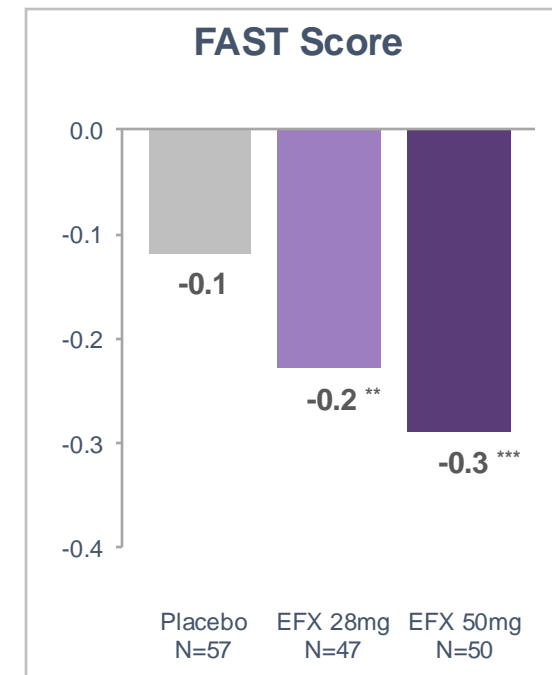
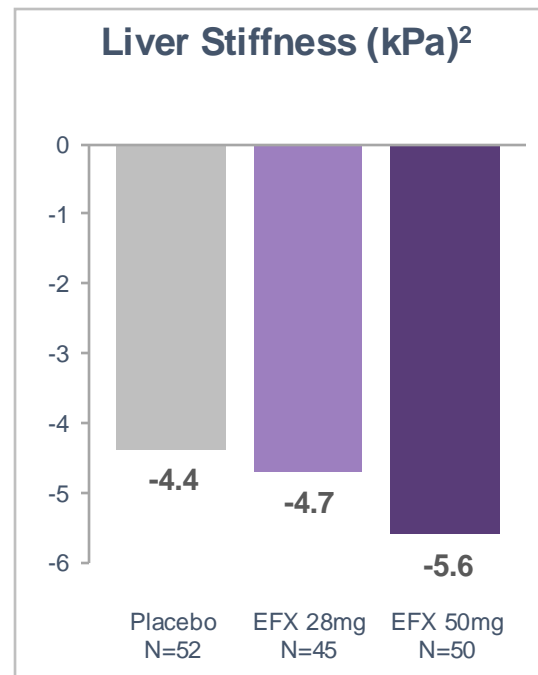
Change¹ From Baseline to Week 36



* p<0.05, ** p<0.01, versus placebo (Mixed Model Repeated Measures [MMRM])



*** p<0.001, versus placebo (MMRM¹)



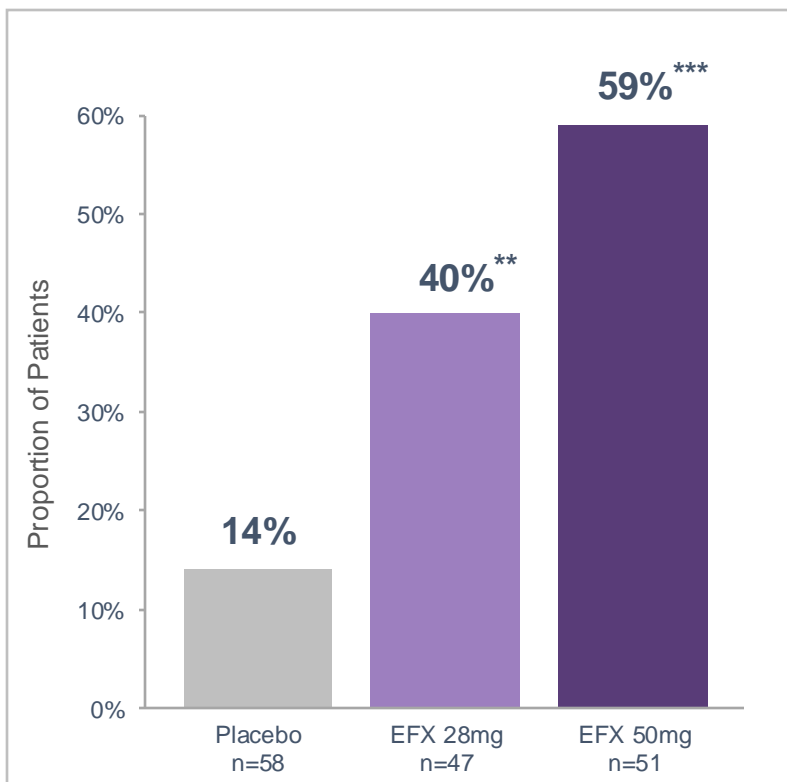
** p<0.01, *** p<0.001, versus placebo (MMRM¹)

¹ LS Mean (ELF Score, Pro-C3 and FAST Score); Arithmetic Mean (Liver Stiffness); ² Measured by FibroScan



Substantially More EFX-Treated Patients Achieved Clinically Meaningful Reductions of ELF and Pro-C3

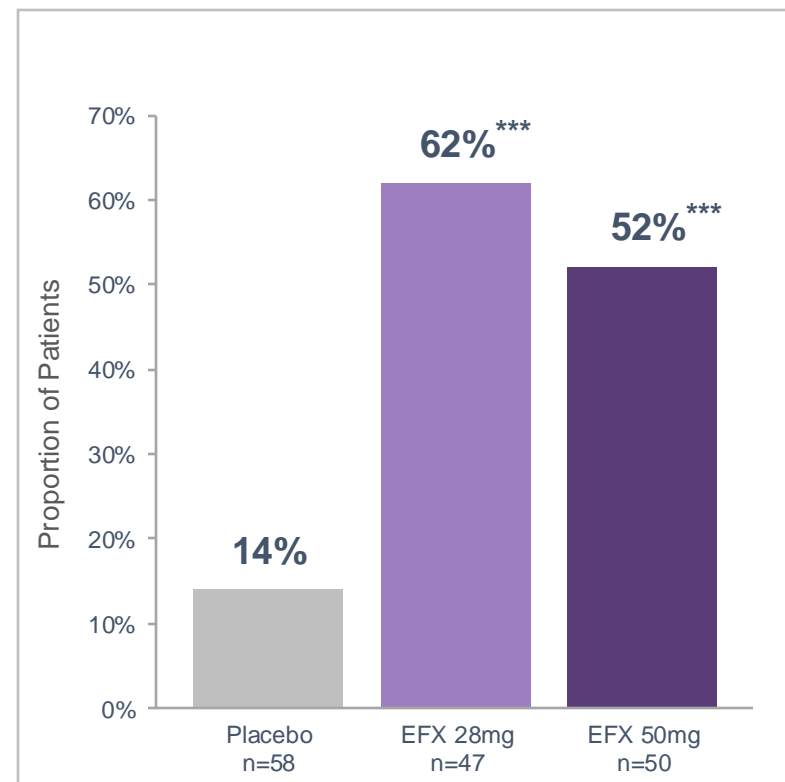
ELF Reductions of ≥ 0.5 Points



** p<0.01, *** p<0.001, versus placebo (CMH)

Reductions of 0.5 in ELF Score and $\geq 20\%$ in Pro-C3 (GEN1) have each been reported to be associated with reduced disease progression

Pro-C3 (GEN2) Reductions of $\geq 35\%$



*** p<0.001, versus placebo (CMH)

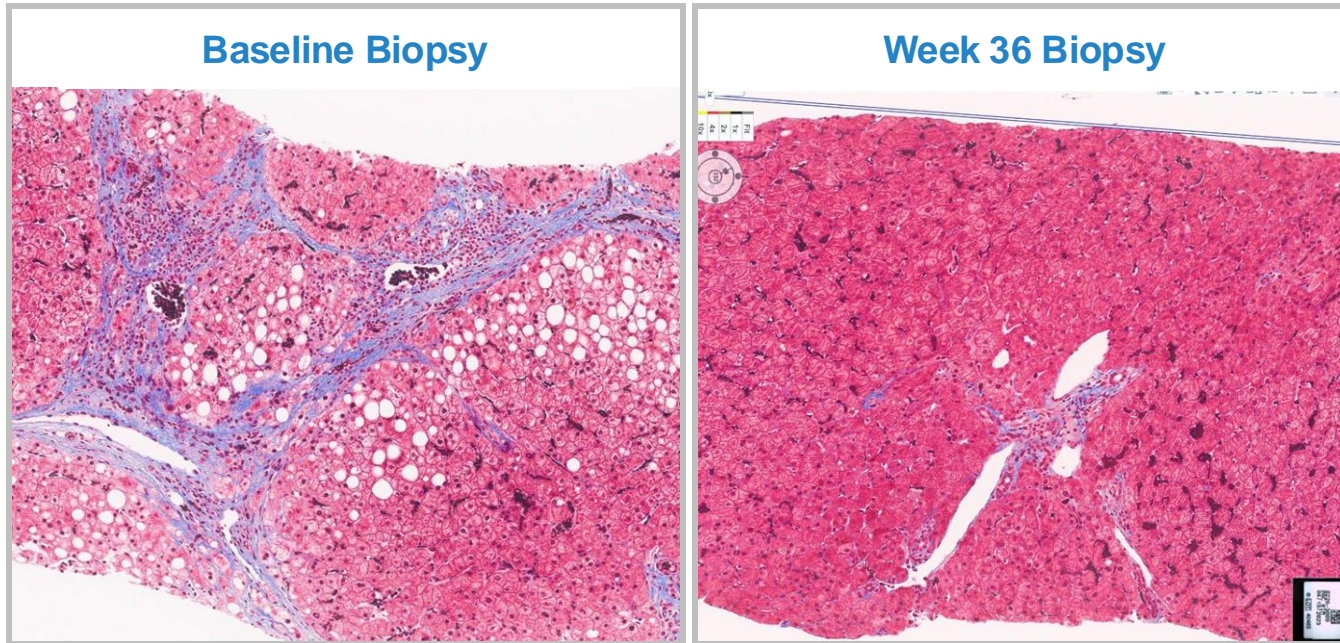
» Case Study: 3-Stage Fibrosis Improvement & MASH Resolution

Histological Observations Consistent with Noninvasive Tests

Patient Background & Weight Loss During Study

69-year-old female; T2D; cirrhosis diagnosed 17.4 months prior to first dose; no GLP-1 use at baseline; weight loss of 2 Kg (-3%) at Week 36

Comparison of Biopsy Features



Comparison of Histology and Fibrosis Markers

Fibrosis Stage

Measure	Baseline	Week 36	Change
Fibrosis Stage	4	1	-3

MASLD Activity Score

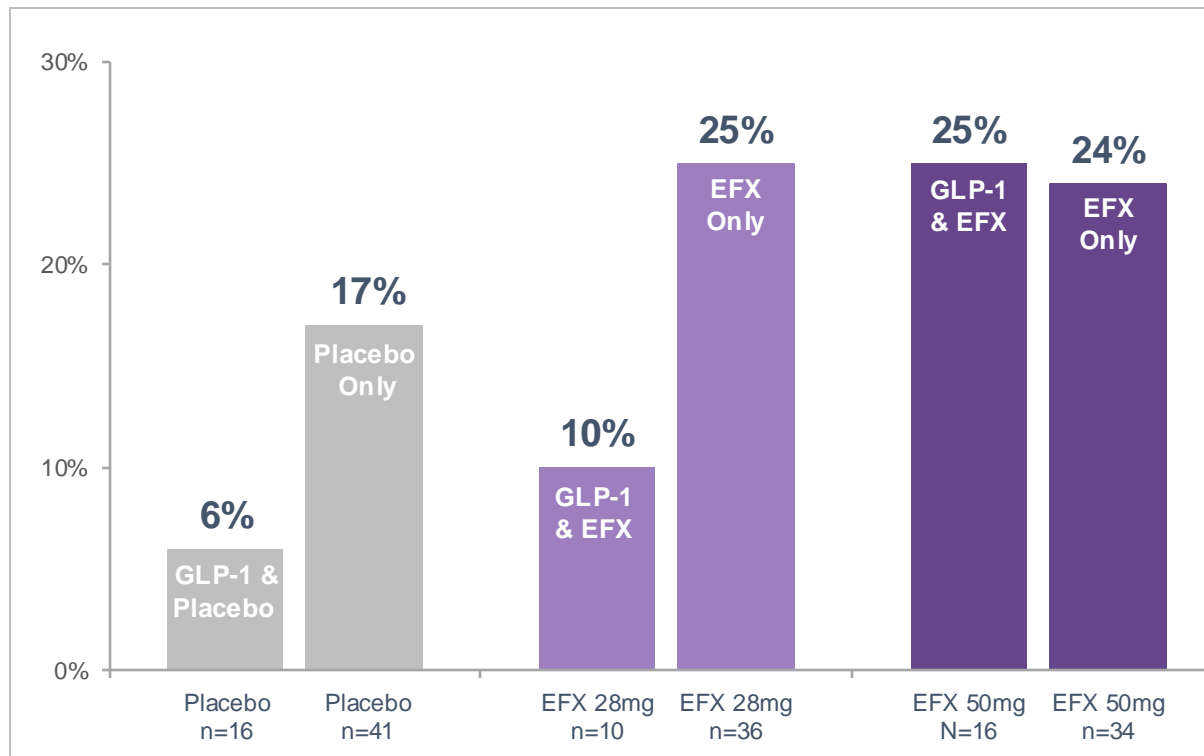
Measure	Baseline	Week 36	Change
Total Score	5	0	-5
Steatosis	1	0	-1
Ballooning	2	0	-2
Lobular Inflammation	2	0	-2

Non-Invasive Fibrosis Markers

Measure	Baseline	Week 36	Change
ALT (U/L)	29	14	-52%
AST (U/L)	32	20	-38%
Pro-C3 (µg/L)	73	54	-26%
ELF Score	10.57	9.44	-1.13
FAST Score	0.45	0.15	-0.30

Concomitant Use of GLP-1 with EFX Does Not Appear to Contribute to Fibrosis Improvement Response Rates

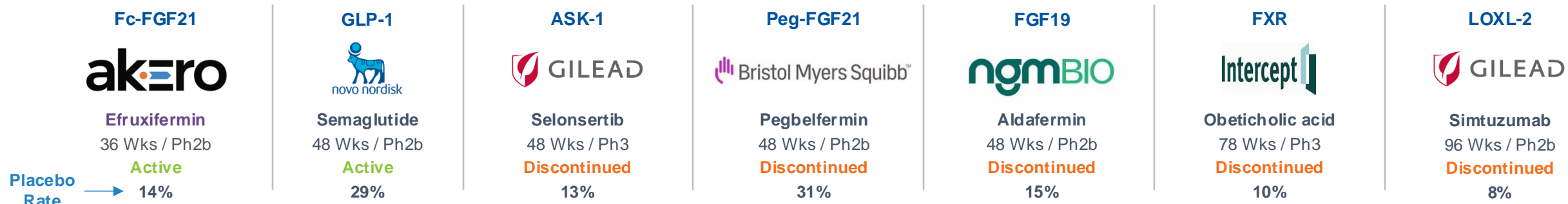
**Fibrosis Improvement ≥ 1 Stage Without Worsening of MASH at Week 36:
Baseline GLP-1 Use vs. No Baseline GLP-1 Use**



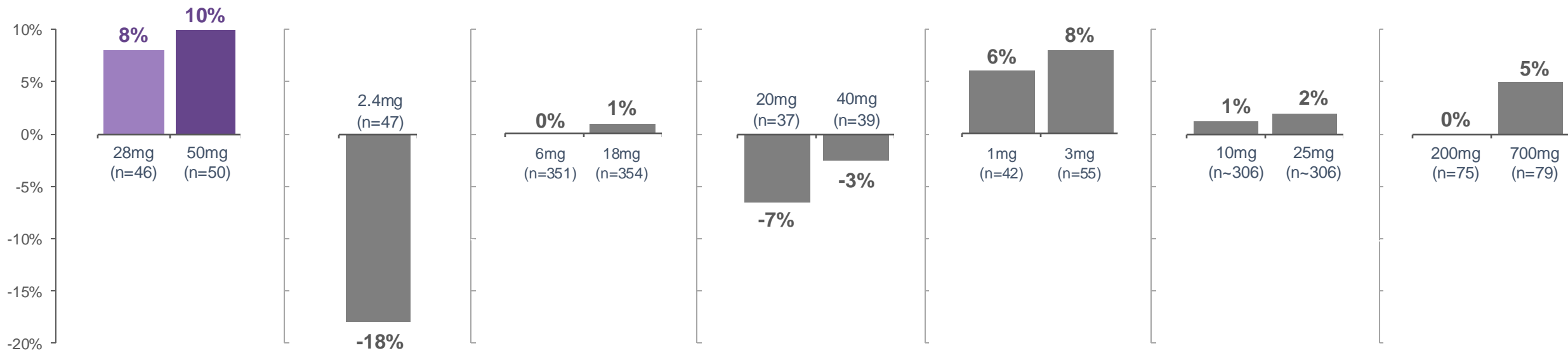
- If GLP-1 agonist therapy was responsible for histological treatment response, we would expect to observe higher response rates for the subgroups receiving GLP-1 therapy at baseline
- Smaller proportions of patients treated with GLP-1 & placebo or GLP-1 & EFX 28mg experienced fibrosis improvement without worsening of MASH than those treated with placebo or EFX 28mg alone
- Patients treated with GLP-1 & EFX 50mg experienced fibrosis improvement without worsening of MASH at about the same rate as patients treated with EFX 50mg alone



Landscape for Cirrhosis Due to MASH: Placebo-Corrected Fibrosis Improvement With No Worsening of MASH



By Treatment Duration



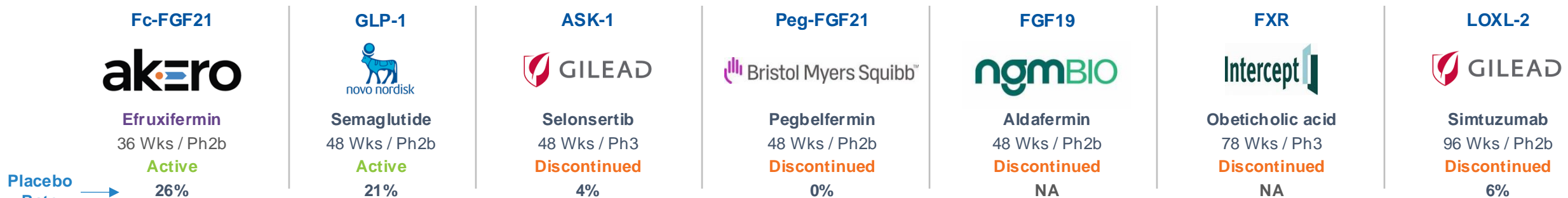
Includes results from publicly reported placebo-controlled studies in patients with compensated cirrhosis due to MASH reporting either ≥ 1-stage fibrosis improvement and no worsening of MASH (EFX, semaglutide, selonsertib, pegbelfermin, obeticholic acid) or only ≥ 1-stage fibrosis improvement (aldafermin, simtuzumab); numerical values represent percent responders

Semaglutide – Loomba, R et al. (2023) Lancet Gastro Hep 8:511-22; Selonsertib – Harrison, SH et al. (2020) J Hepatol 73(1):26-39; Pegbelfermin – Abdelmalek, MF et al. (2023) Clinical Gastro Hep 23:S1542-3565; Aldafermin – NGM Bio (2023) September Corporate Overview; Obeticholic acid - Intercept (2022) September 30 Press Release; Simtuzumab – Harrison, SA et al. (2018) Gastroenterology 155:1140–1153

Note: These data are derived from different clinical trials at different points in time, with differences in trial design and patient populations. No head-to-head clinical trials have been conducted.

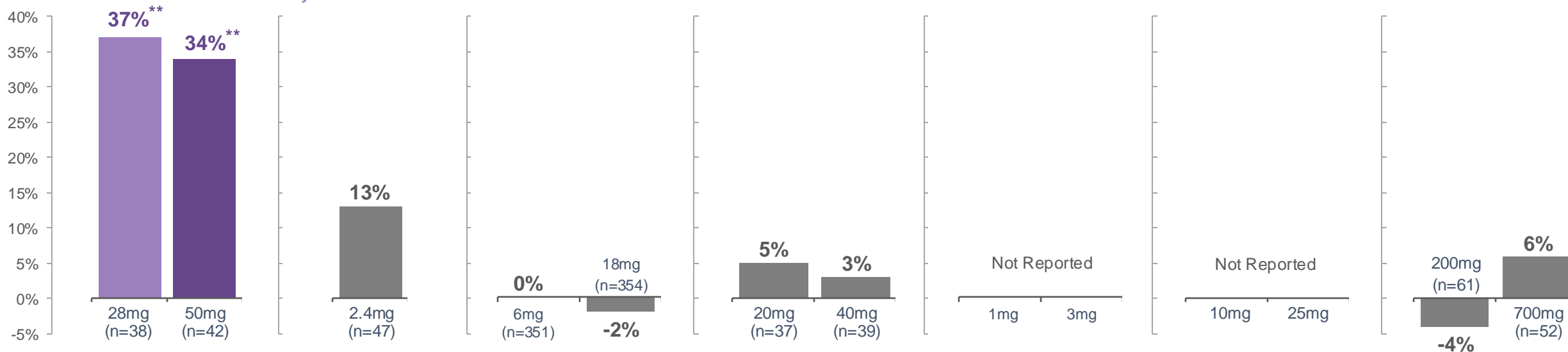


Landscape for Cirrhosis Due to MASH: Placebo-Corrected MASH Resolution



Placebo Rate →

By Treatment Duration



** p<0.01, versus placebo (CMH)

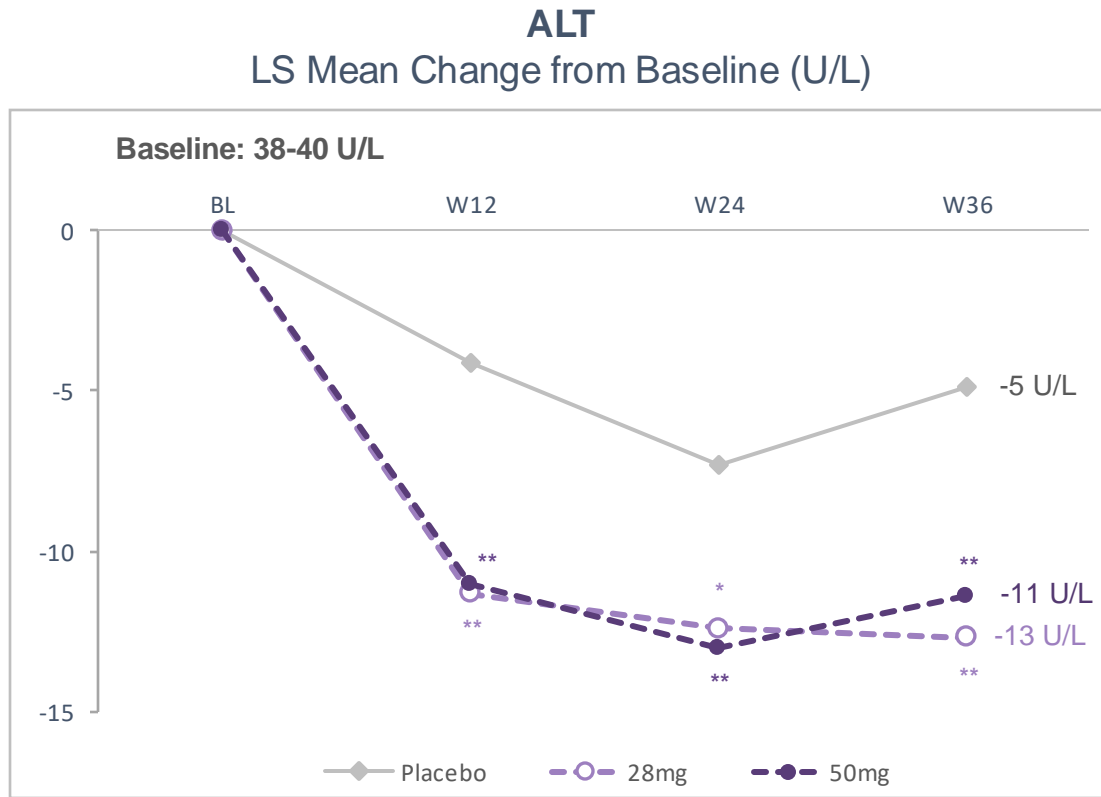
Includes results from publicly reported placebo-controlled studies in patients with compensated cirrhosis due to MASH reporting either ≥ 1-stage fibrosis improvement and no worsening of MASH (EFX, semaglutide, selonsertib, pegbelfermin, obeticholic acid) or only ≥ 1-stage fibrosis improvement (aldafermin, simtuzumab); numerical values represent percent responders

Semaglutide – Loomba, R et al. (2023) Lancet Gastro Hep 8:511-22; Selonsertib – Harrison, SH et al. (2020) J Hepatol 73(1):26-39; Pegbelfermin – Abdelmalek, MF et al. (2023) Clinical Gastro Hep 23:S1542-3565; Aldafermin – NGM Bio (2023) September Corporate Overview; Obeticholic acid - Intercept (2022) September 30 Press Release; Simtuzumab – Harrison, SA et al. (2018) Gastroenterology 155:1140–1153

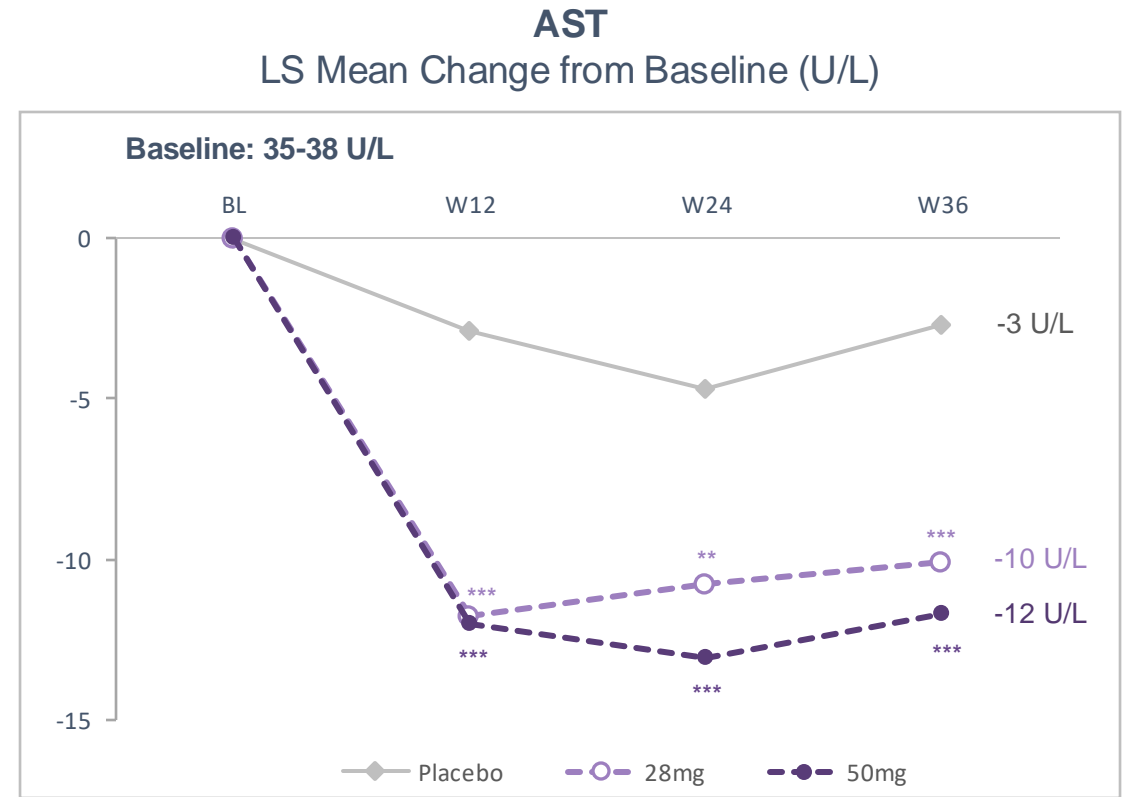
Note: These data are derived from different clinical trials at different points in time, with differences in trial design and patient populations. No head-to-head clinical trials have been conducted.



SYMMETRY: Early and Sustained Statistically Significant Improvements in Markers of Liver Injury



* p<0.05, ** p<0.01, versus placebo (MMRM)



** p<0.01, *** p<0.001, versus placebo (MMRM)

Statistically significant improvements from baseline observed for platelet counts for both EFX groups

» Treatment-Emergent Adverse Events

TEAE Overview	Placebo (N=61)	EFX 28mg (N=57)	EFX 50mg (N=63)
TEAE Leading to Death	1 (2%) ^a	0 (0%)	0 (0%)
Treatment-Emergent Serious Adverse Event (SAE) ^b	6 (10%)	9 (16%)	6 (10%)
TEAEs Leading to Discontinuation	2 (3%)	5 (9%)	8 (13%)
Most Frequent (≥15%) Drug-Related TEAEs	Placebo (N=61)	EFX 28mg (N=57)	EFX 50mg (N=63)
Diarrhea, n (%)	9 (15%)	10 (18%)	19 (30%)
Nausea, n (%)	7 (11%)	11 (19%)	18 (29%)
Increased appetite, n (%)	3 (5%)	7 (12%)	17 (27%)
Injection site erythema, n (%)	5 (8%)	8 (14%)	13 (21%)

^a Pneumonia

^b None of the SAEs were deemed by the investigator to be drug-related

ECGs and Vital Signs

- No clinically significant changes in ECGs, heart rate or diastolic BP
- Increases of 4-7 mmHg noted in systolic BP at Week 36

Markers of Liver Function and Hemostasis

- Remained stable, including INR, bilirubin, MELD, and CP score

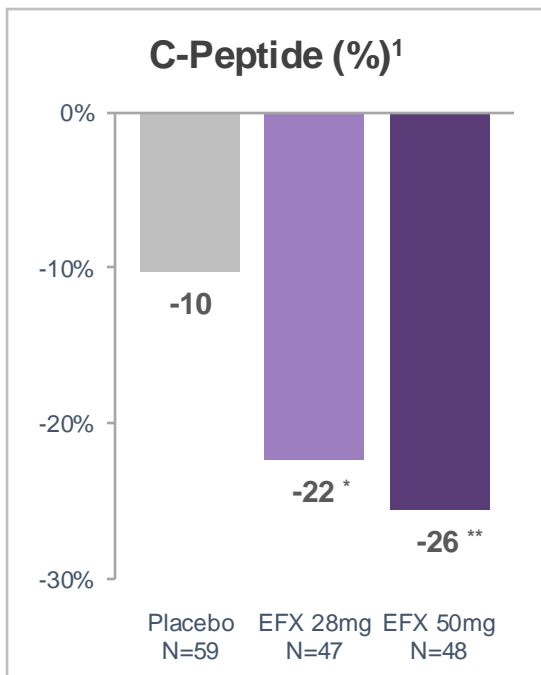
Bone Mineral Density

- Cirrhosis has been associated with poor bone health
- Relative reductions in the lumbar spine region ($\leq 1\%$) and the femoral neck region (2-3%) were observed for the EFX dose groups at Week 36
- Concomitant medications, including oral corticosteroids, may have confounded observed changes

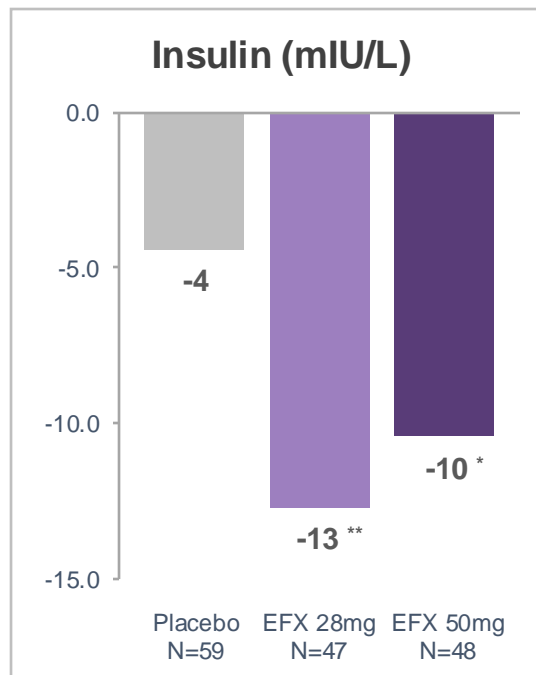


SYMMETRY: Statistically Significant Improvements Observed in Insulin Sensitivity

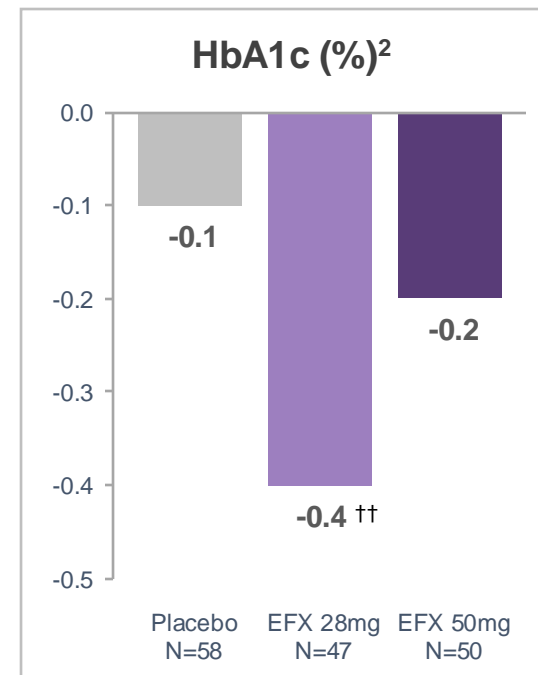
LS Mean Change From Baseline to Week 36



¹ Relative percent change from baseline
* p<0.05, ** p<0.01, versus placebo (MMRM)



* p<0.05, ** p<0.01, versus placebo (MMRM)

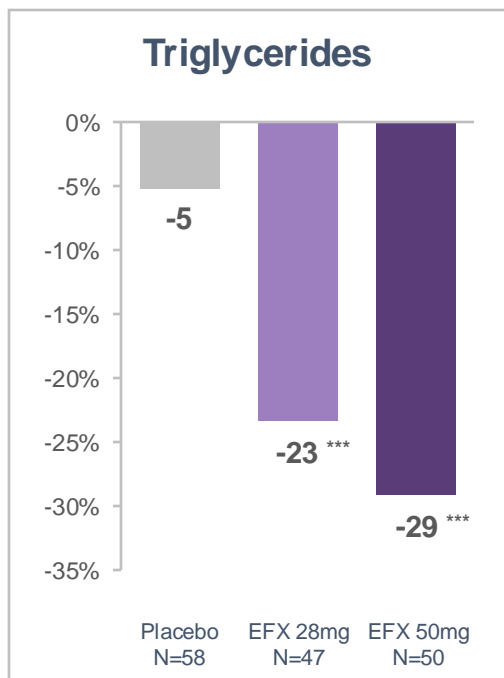


² Absolute change from baseline, %
†† p<0.01, versus baseline (MMRM)

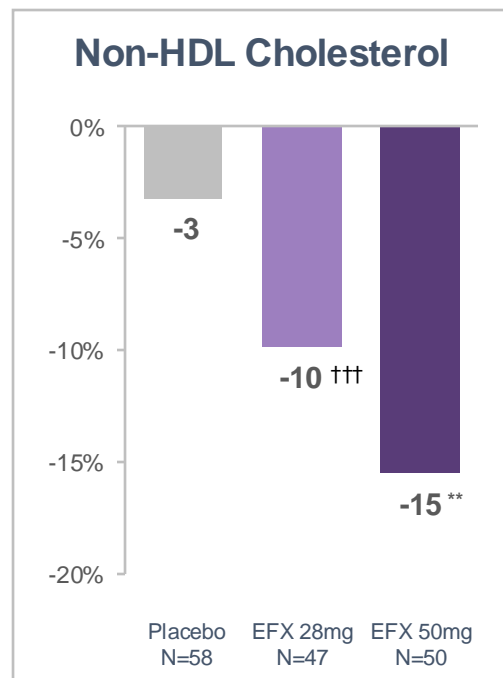


SYMMETRY: Statistically Significant Improvements Observed in Lipoprotein Profile

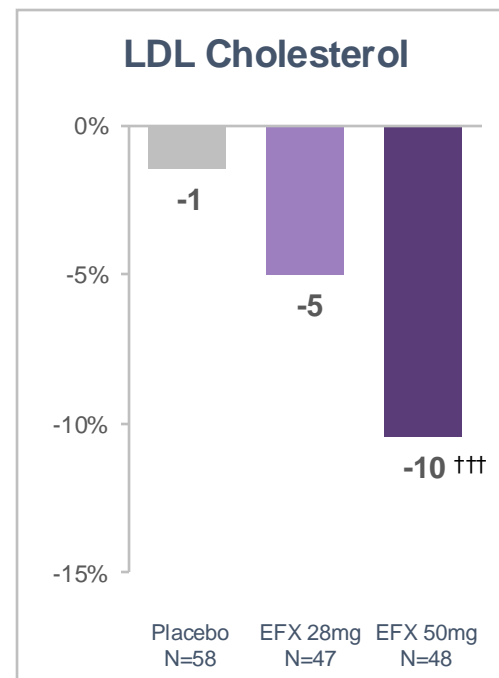
LS Mean Percent Change From Baseline to Week 36



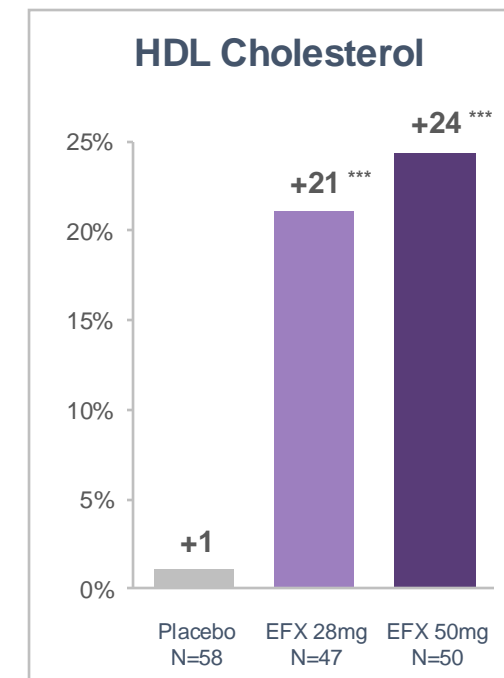
*** p<0.001, versus placebo (MMRM)



** p<0.01, versus placebo (MMRM)
††† p<0.001, versus baseline (MMRM)

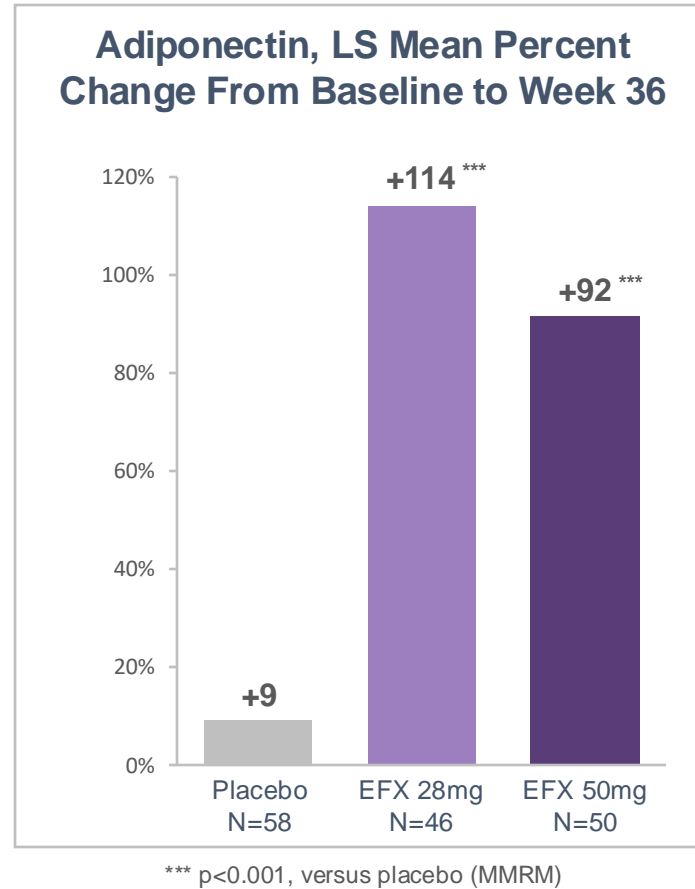


††† p<0.001, versus baseline (MMRM)

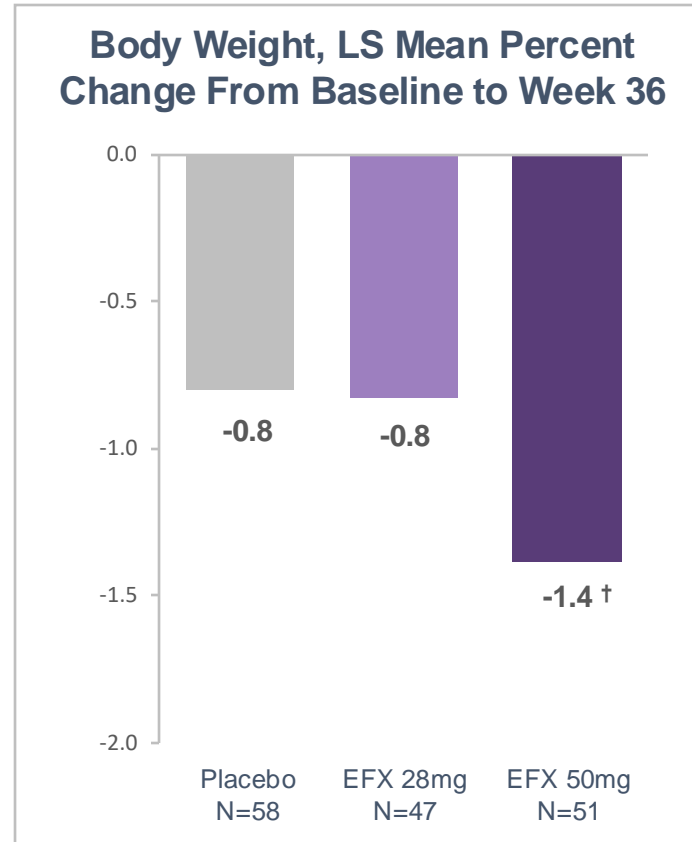


*** p<0.001, versus placebo (MMRM)

» SYMMETRY: Significant Increases Observed in Adiponectin, PD Marker for EFX's Action on Adipose Tissue



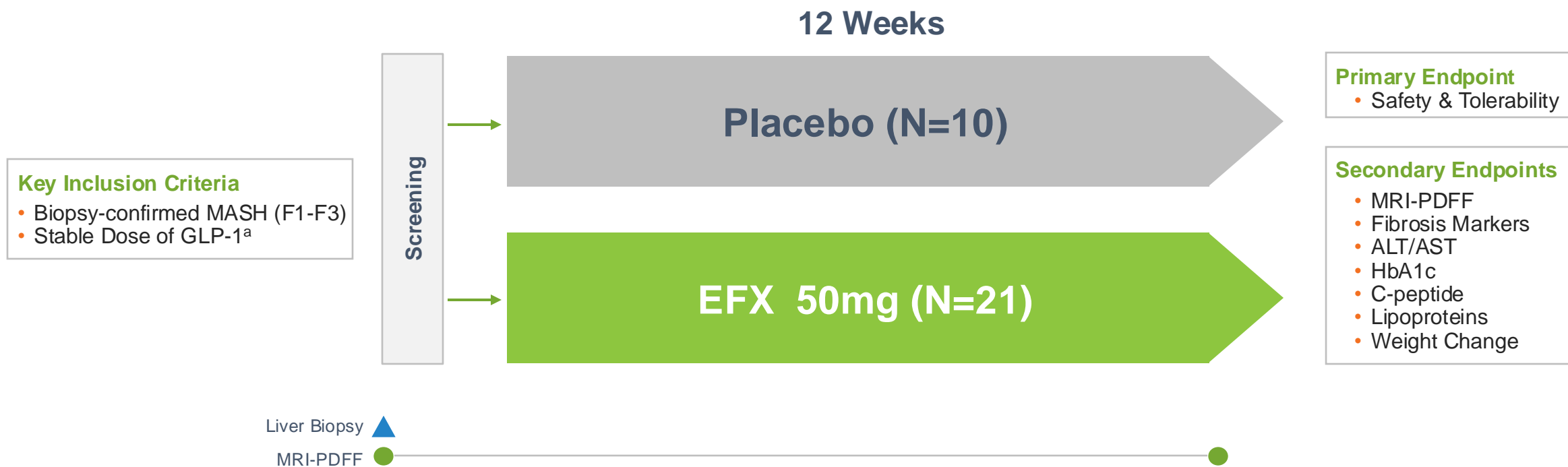
» SYMMETRY: Trend Toward Weight Loss for 50mg EFX Dose Group



† p<0.05 versus baseline (MMRM)

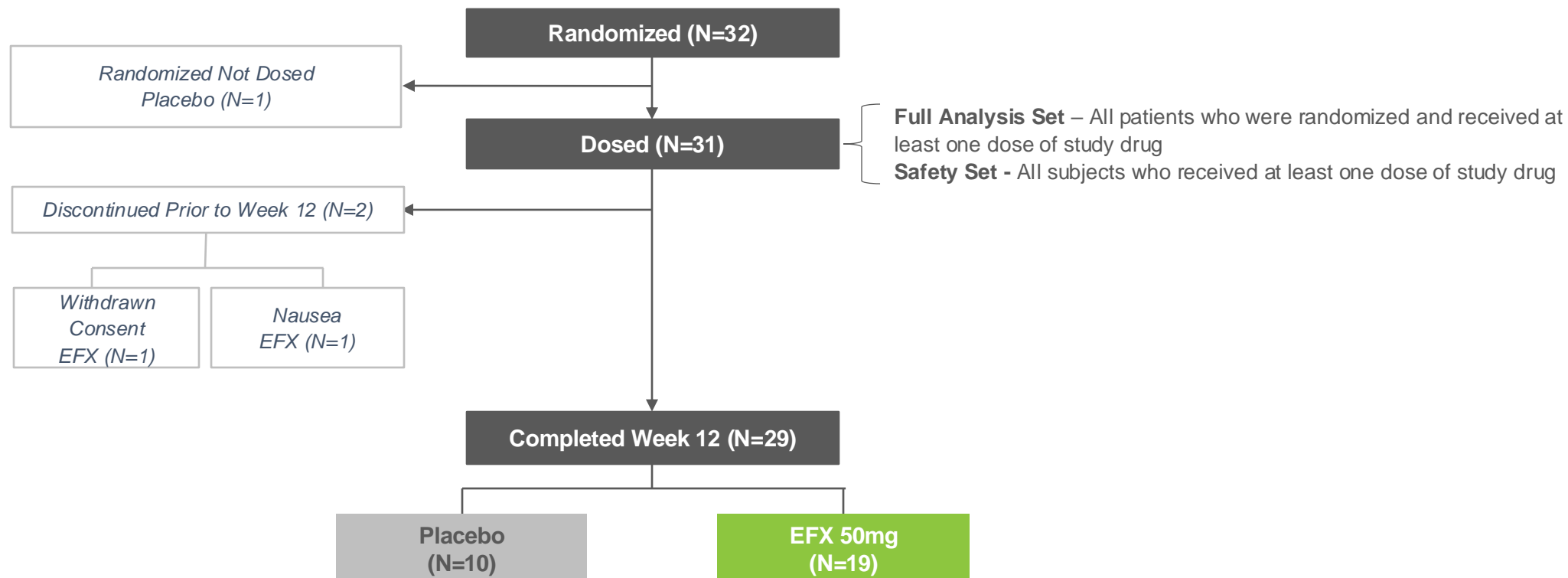


Cohort D Trial Design: EFX in Combination with GLP-1 Receptor Agonist Therapy (GLP-1) at Diabetic Doses



^a Approximately two-thirds of randomized patients were on a stable dose of GLP-1 for more than one year; all patients were on a stable dose for at least three months.

» Cohort D: Week 12 Patient Disposition & Key Analysis Sets



» Cohort D: Baseline Demographics

Parameter (Mean)	Placebo (N=10)	EFX 50mg (N=21)
Age (Years)	55	59
Sex (% Female)	90	43
Weight (kg)	96	101
Fibrosis Stage (% F1 / F2 / F3)	40 / 10 / 50	38 / 33 / 29
Hepatic Fat Fraction by MRI-PDFF ¹ (%)	15	11
Pro-C3 ² (µg/L)	34	33
Enhanced Liver Fibrosis (ELF) Score	9.6	9.2
Liver Stiffness by VCTE ³ (FibroScan) (kPa)	12	10
Alanine Aminotransferase (ALT) (U/L)	31	35
Aspartate Aminotransferase (AST) (U/L)	24	26
HbA1c (%)	6.5	7.0
Triglycerides (mg/dL)	171	163
LDL-Cholesterol (mg/dL)	98	73
Statin Use (%)	50	81

¹ Magnetic Resonance Imaging Proton Density Fat Fraction; ² Procollagen 3 N-Terminal Propeptide; ³ Vibration-controlled transient elastography

» Cohort D: Concomitant Diabetic Medications at Baseline

GLP-1s	Placebo (N=10)	EFX 50mg (N=21)
Semaglutide	60%	43%
Dulaglutide	30%	52%
Liraglutide	10%	5%
Tirzepatide ¹	0%	0%
Other Diabetic Medications	Placebo	EFX 50mg
Metformin	70%	76%
Insulin	30%	48%
SGLT-2	20%	33%
Sulfonylureas	20%	24%
DPP-IV	0%	10%

¹ With one exception, all patients remained on their baseline GLP-1 therapy through Week 12; one patient entered treatment on a stable dose of semaglutide but switched to tirzepatide after the Week 10 visit due to unavailability of semaglutide.



Cohort D Primary Endpoint: Comparable Safety and Tolerability Across Both Treatment Groups

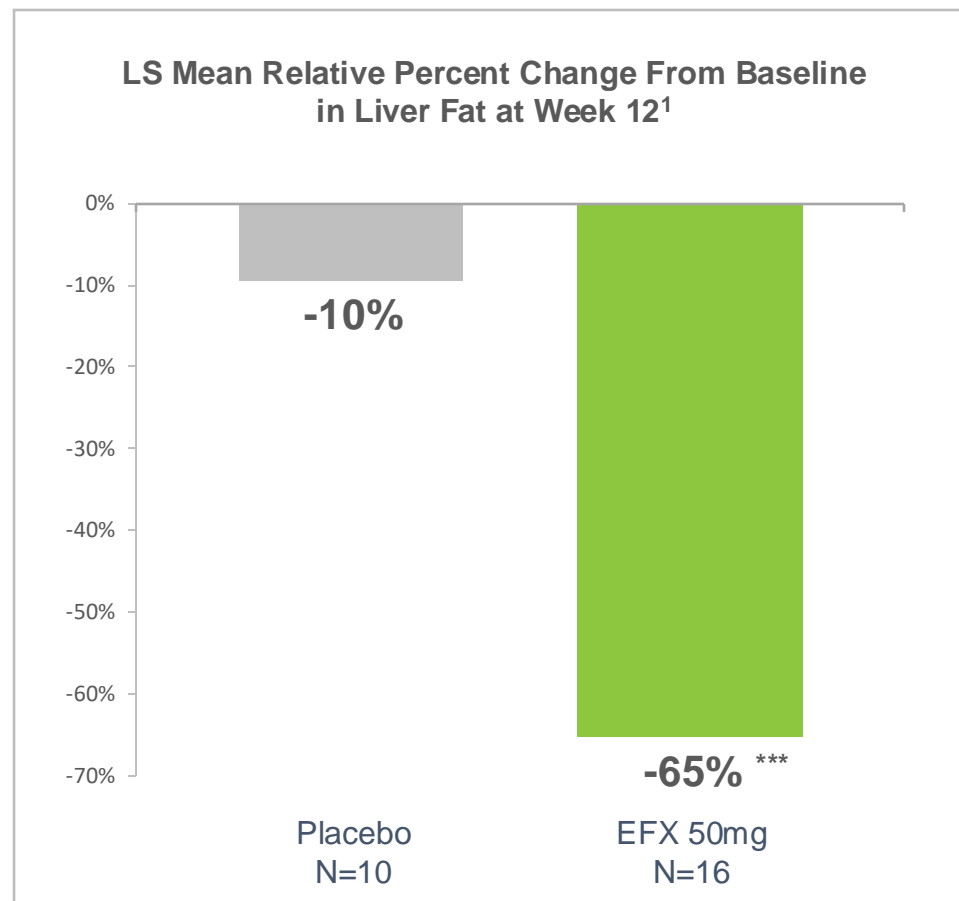
Treatment-Emergent Adverse Event (TEAE) Overview	Placebo (N=10)	EFX 50mg (N=21)
TEAE Leading to Death	0 (0%)	0 (0%)
Drug-Related Serious Adverse Event (SAE)	0 (0%)	0 (0%) ^a
Drug-Related TEAE Leading to Discontinuation	0 (0%)	1 (5%) ^b
Most Frequent (≥15%) Drug-Related TEAEs	Placebo	EFX 50mg
Diarrhea	3 (30%)	4 (19%)
Nausea	1 (10%)	7 (33%)
Increased Appetite	0 (0%)	5 (24%)
Decreased Appetite	2 (20%)	3 (14%)

^a Two SAEs in the EFX group were not drug related: post-procedural hemorrhage and uterine cancer.

^b Nausea



Cohort D: Significantly Greater Relative Reductions in Liver Fat by MRI-PDFF for EFX Combined with GLP-1 than GLP-1 Alone

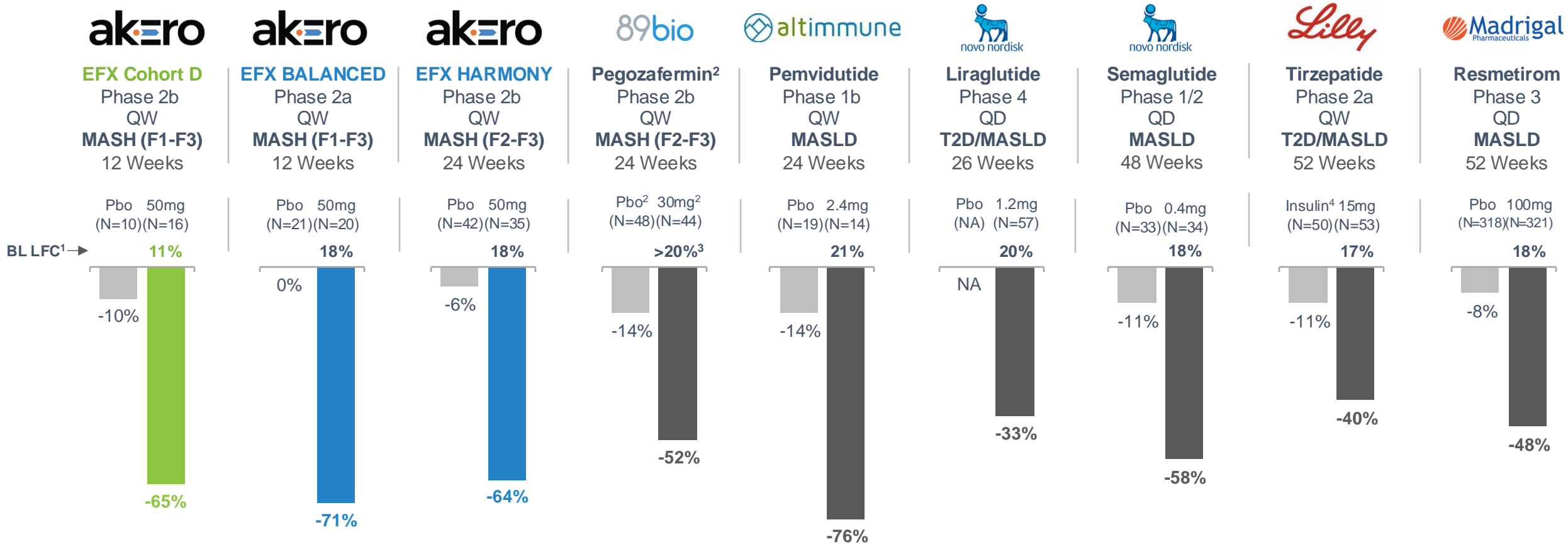


*** p<0.001, versus placebo (Analysis of Covariance [ANCOVA])

¹ Including the baseline MRI-PDFF measurements for three subjects with baseline MRI-PDFF measurements after the first dose lowers the LS Mean result for the EFX group from -65.3% to -63.2% (N=19) and the placebo group from -9.6% to -9.0% (N=10)

Source Data: MRI-PDFF Analysis Set (all subjects with pre-dose baseline and on-study measurement assessed by MRI-PDFF [N=16]); Topline preliminary data

» EFX Liver Fat Reduction in Context: MASLD & Pre-Cirrhotic MASH



¹ Baseline Liver Fat Content

Note: These data are derived from different clinical trials at different points in time, with differences in trial design and patient populations. As a result, cross-trial comparisons cannot be made, and no head-to-head clinical trials have been conducted.

² Reported reductions only for subset of patients with liver fat content $\geq 10\%$ at baseline

³ Estimated for subset of patients with LFC $\geq 10\%$ at baseline

⁴ Insulin Degludec

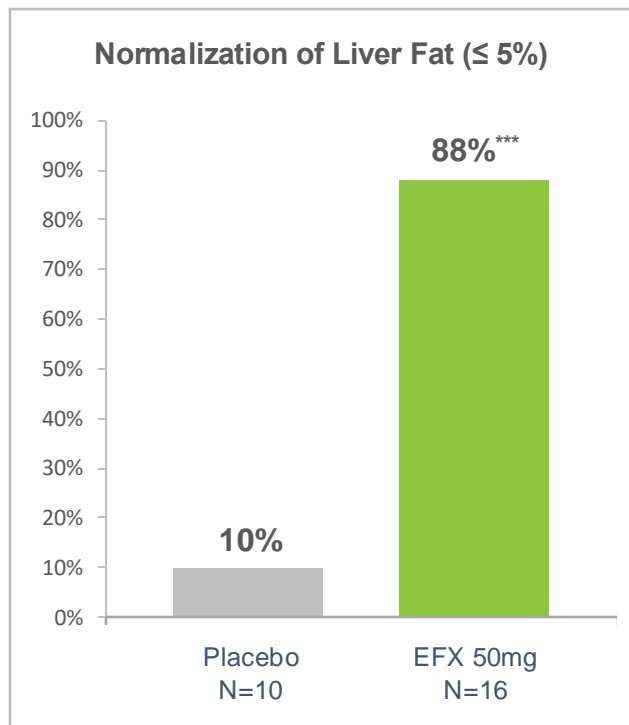
Pegozafermin - 89Bio (2023) May 6 Corporate Presentation; Pemvidutide - Altimmune (2023) March Evercore NASH Renaissance Presentation; Liraglutide - Petit et al (2017) J Clin Endocrinol Metab 102(2):407-15; Tirzepatide - Gastaldelli et al (2022) Lancet Diabetes Endocrinol 10(6):P393-406; Resmetirom - Madrigal (2023) May Corporate Presentation; Semaglutide - Flint et al. (2021) Aliment Pharmacol Ther 54(9):1150-61. All trademarks are the property of their respective owners.



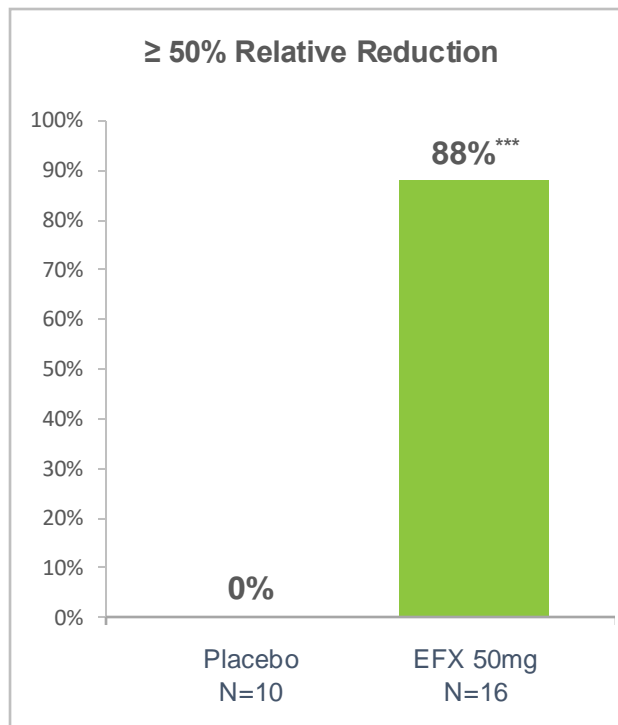
More Patients Treated with EFX Combined with GLP-1 Met Higher Thresholds of Liver Fat Reduction and Normalization than GLP-1 Alone



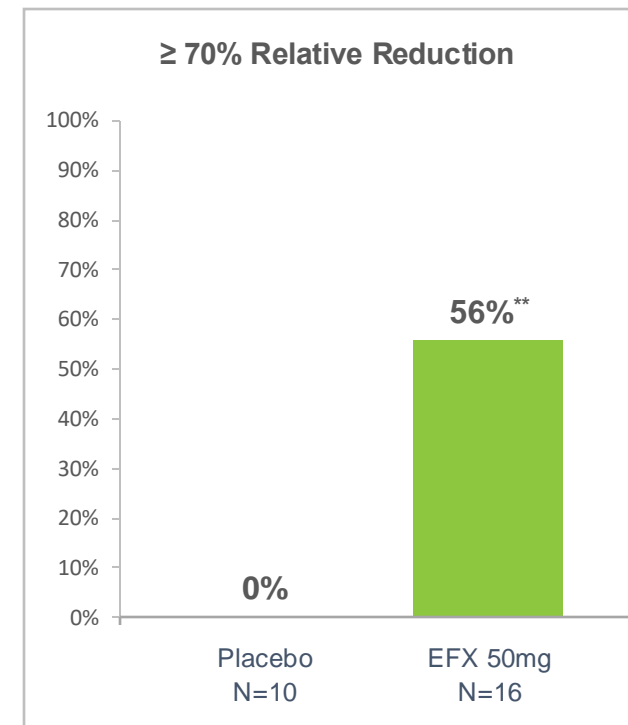
Proportion of Patients Achieving Liver Fat Reduction Thresholds at Week 12¹



*** p<0.001, versus placebo (CMH²)



*** p<0.001, versus placebo (CMH)



** p<0.01, versus placebo (CMH)

In the HARMONY Study, patients whose liver fat was normalized had 3-fold higher odds of achieving MASH Resolution and Fibrosis Improvement

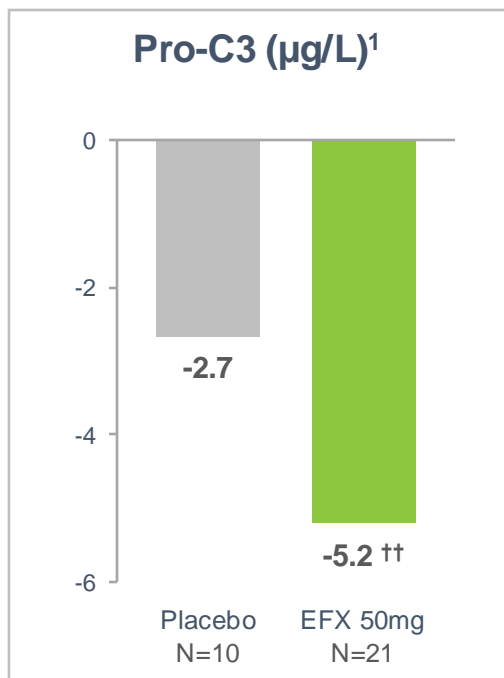
¹ When three EFX-treated patients with baseline measurements after the first dose are included in liver fat analyses, normalization of liver fat increased from 87.5% (14 of 16) to 89.5% (17 of 19) and the proportion of patients achieving ≥50% and ≥70% relative reduction in liver fat decreased, respectively, to 84.2% (16 of 19) and 52.6% (10 of 19); ² Cochran–Mantel–Haenszel test



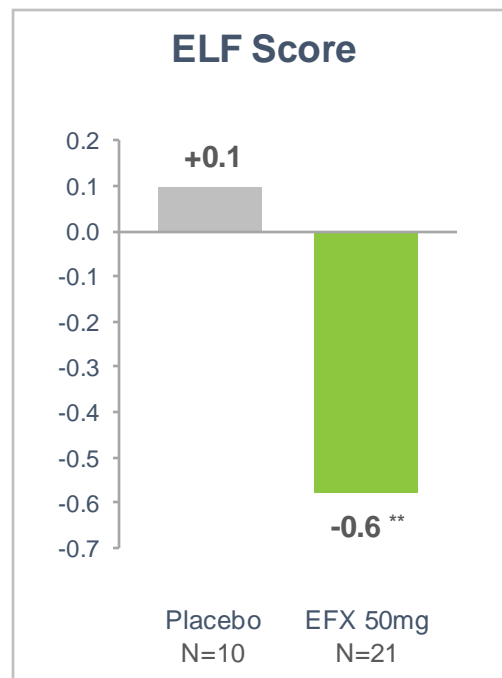
Greater Reductions in Markers of Fibrosis for EFX Combined with GLP-1 than GLP-1 Alone



LS Mean Change From Baseline to Week 12



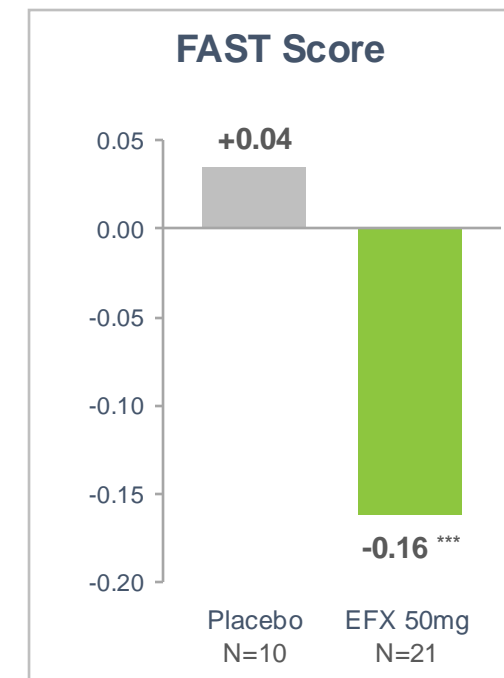
†† p<0.01, versus baseline (MMRM¹)



†† p<0.01, versus placebo (MMRM)



††† p<0.001, versus baseline (MMRM)



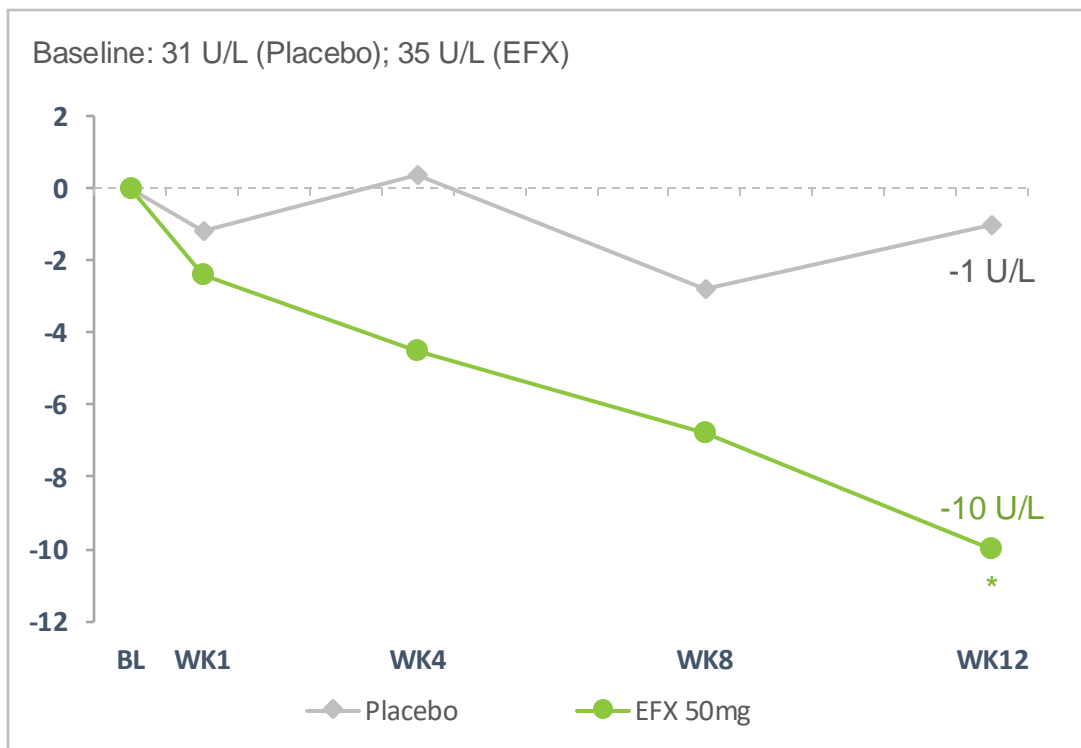
††† p<0.001, versus placebo (MMRM)

¹ Mixed Model Repeated Measures; ² Measured by FibroScan

Greater Reductions in Markers of Liver Injury for EFX Combined with GLP-1 than GLP-1 Alone

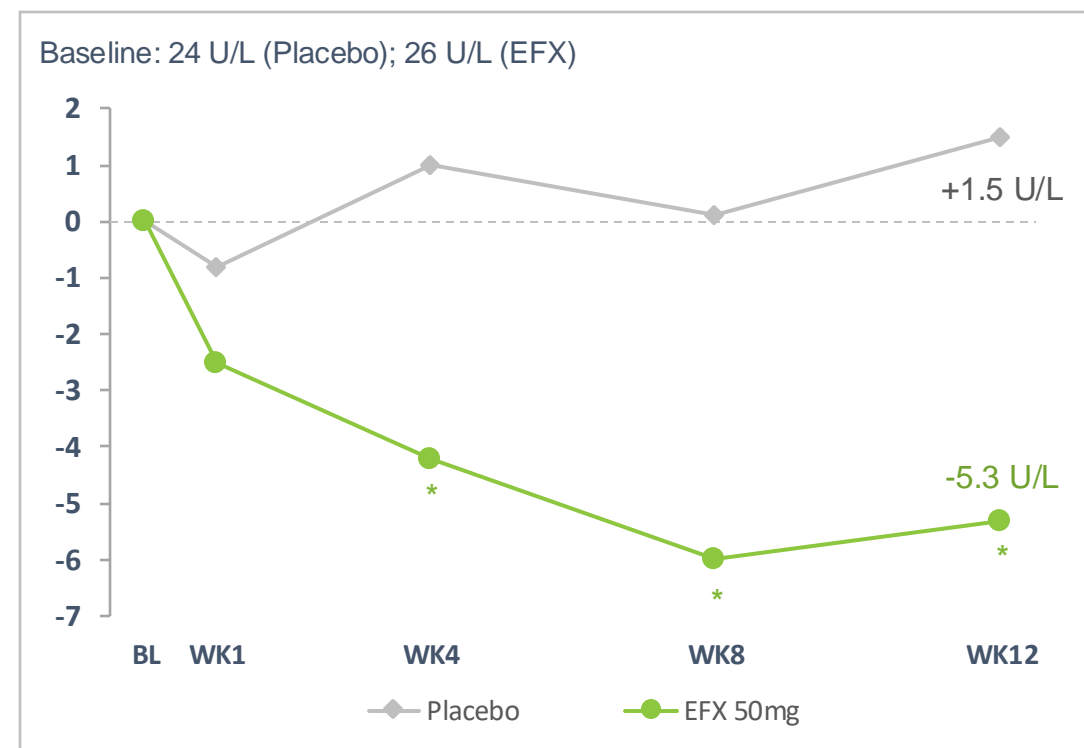
ALT

LS Mean Change from Baseline (U/L)

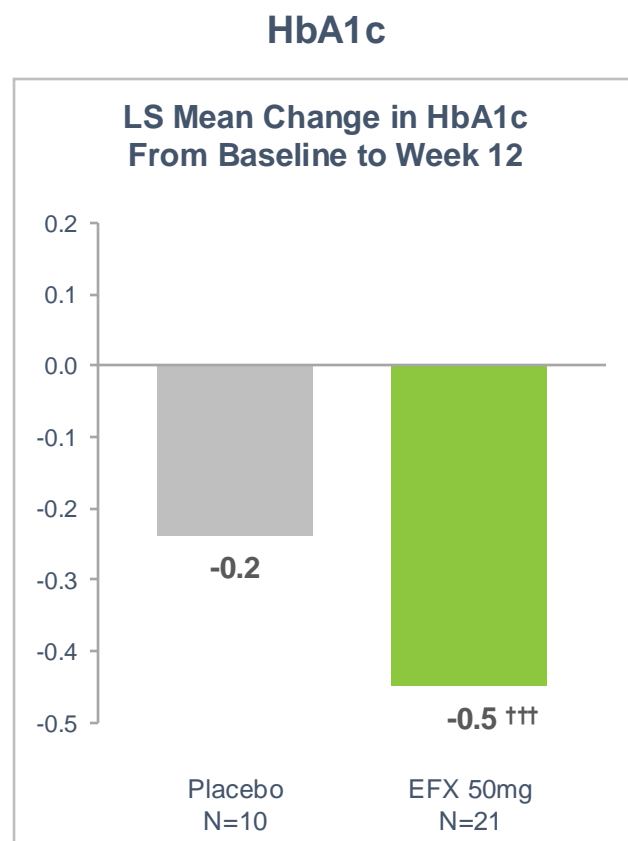


AST

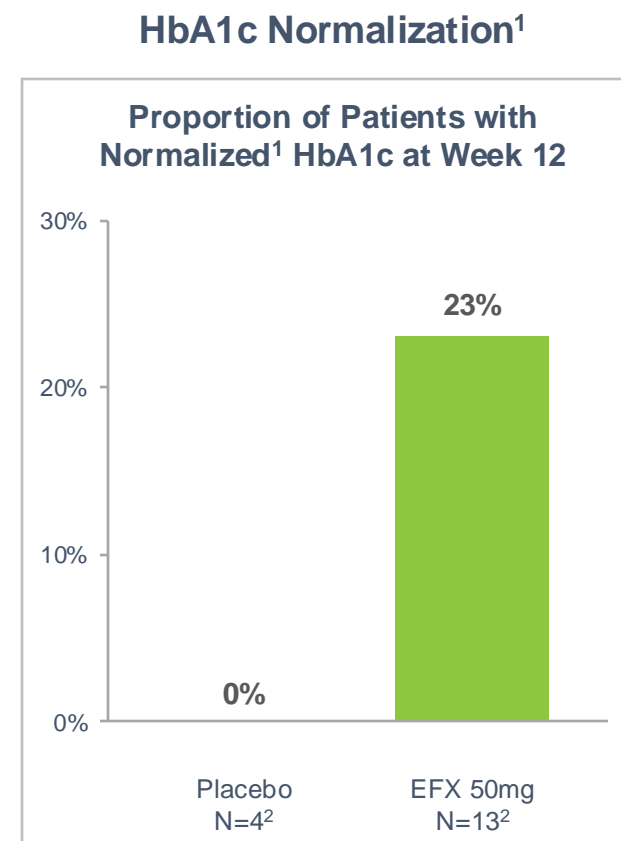
LS Mean Change from Baseline (U/L)



» Clinically Meaningful Improvements in HbA1c after Only 12 Weeks



††† p<0.001, versus baseline (MMRM)

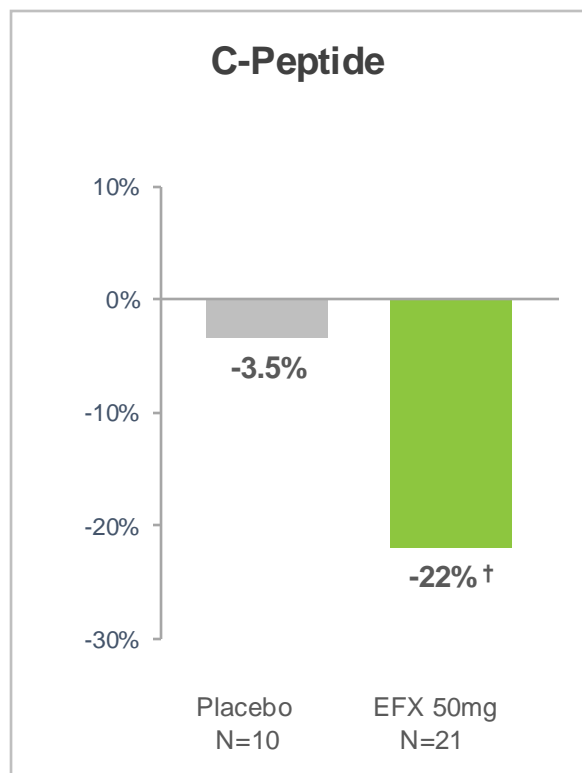


¹ Normalization of HbA1c defined as an HbA1c of ≥ 6.5 at baseline and < 6.5 at week 12

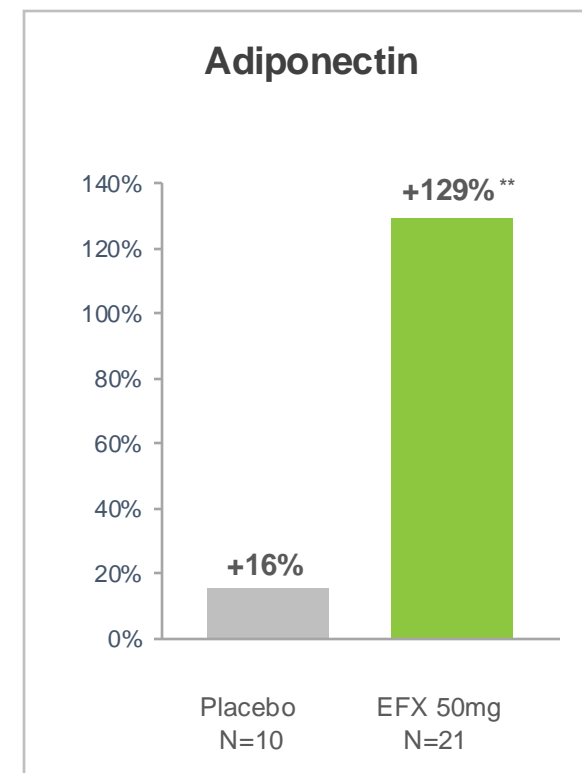
² Number of patients with HbA1c ≥ 6.5 at baseline

» EFX Complements GLP-1 by Increasing Sensitivity to Insulin

LS Mean Change From Baseline to Week 12



† p<0.001, versus baseline (MMRM)



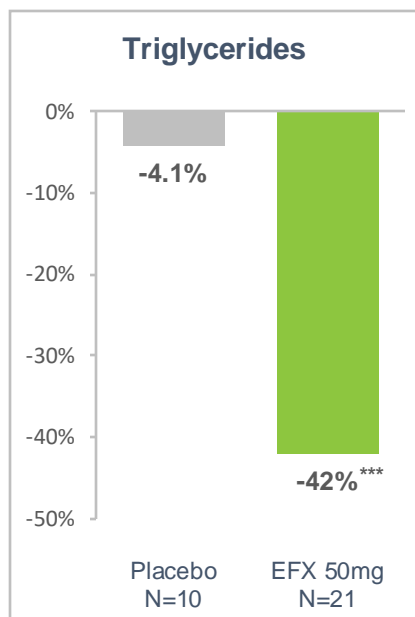
** p<0.01, versus placebo (MMRM)



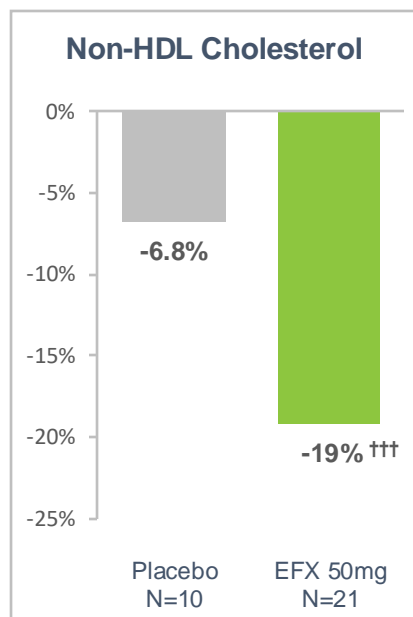
Much Greater Improvements in Lipids for Patients Treated with EFX in Combination with GLP-1 than GLP-1 Alone



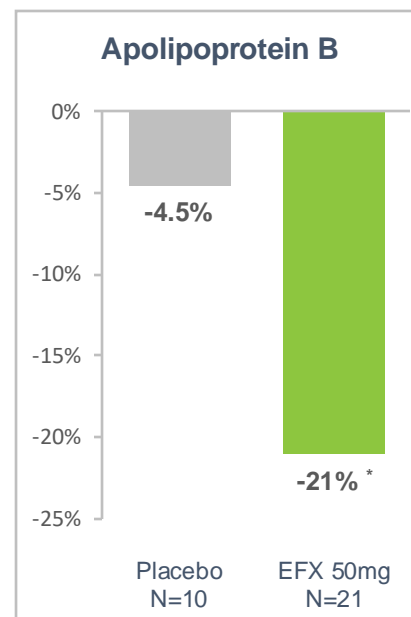
LS Mean Percent Change From Baseline to Week 12



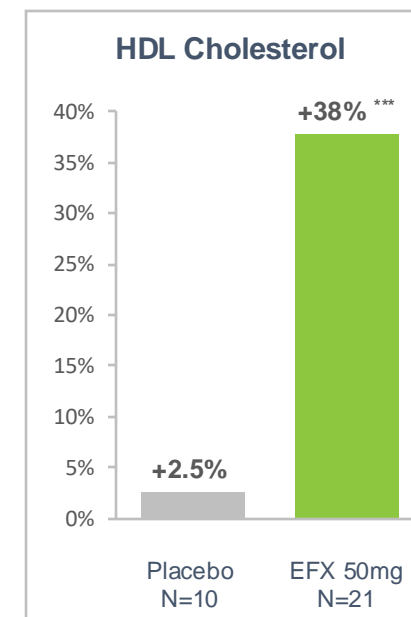
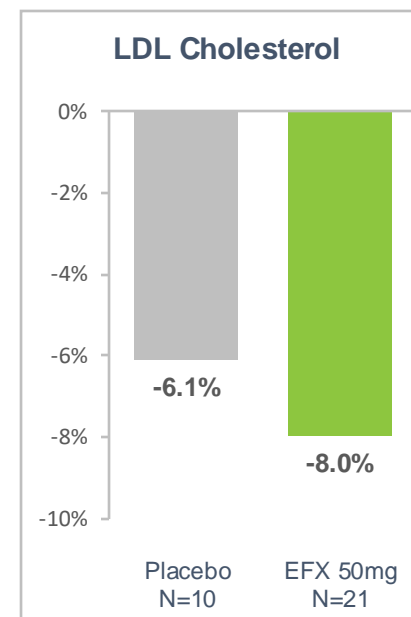
*** p<0.001, versus placebo (MMRM)



††† p<0.01, versus baseline (MMRM)



* p<0.05, versus placebo (MMRM)



*** p<0.001, versus placebo (MMRM)

» Weight Loss Maintained for EFX Combined with GLP-1



» Cohort D Adds to a Growing Body of Evidence for EFX's Potential as a Cornerstone MASH Treatment

Key Take-Aways

- ❖ EFX and GLP-1 have complementary mechanisms of action.
- ❖ Addition of EFX to GLP-1 in patients with MASH and type 2 diabetes was well tolerated, without additive GI side effects.
- ❖ EFX with GLP-1 showed multiple benefits over GLP-1 alone: reduced markers of liver steatosis, injury and fibrosis with improved glycemic control, dyslipidemia and weight loss maintained.
- ❖ The Cohort D EFX profile was comparable to that seen in the previous BALANCED and HARMONY studies with EFX.

Complementing GLP-1

Potential for EFX on Top of GLP-1 to be More Effective than GLP-1 Alone

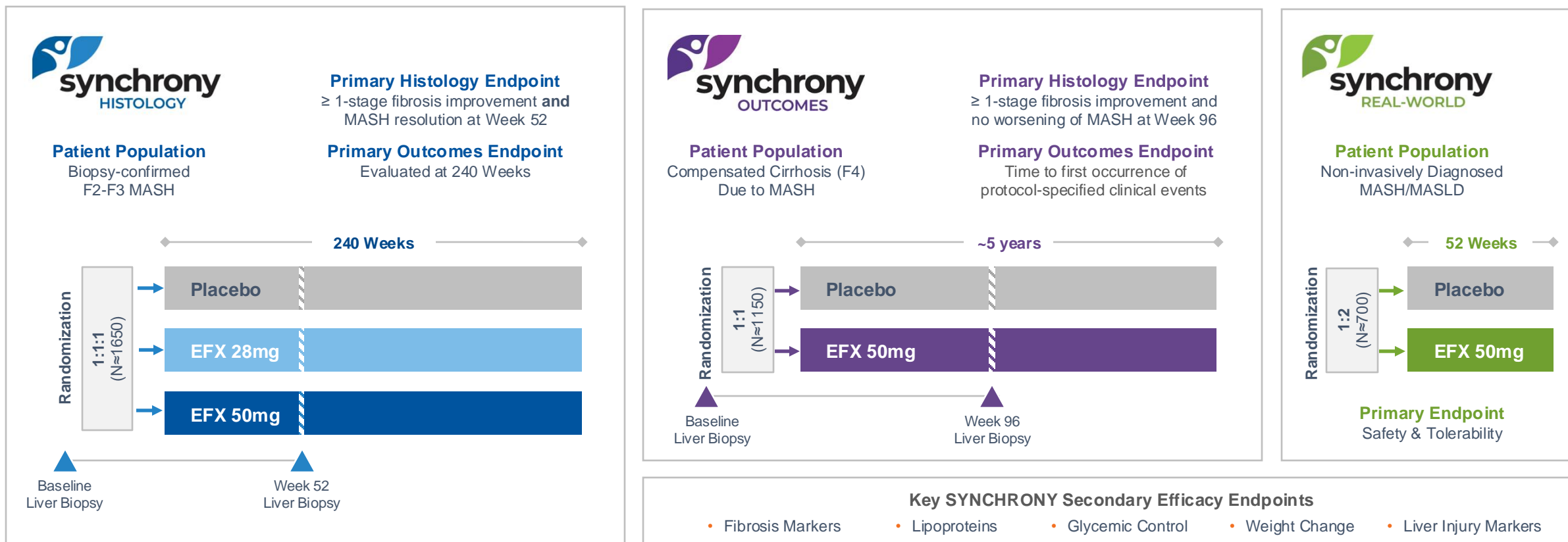




Phase 3 SYNCHRONY Trial Designs: Histology (F2-F3), Outcomes (F4, Compensated), and Real-World (F1-F4, Compensated)



Phase 3 SYNCHRONY program (N ~3500) is comprised of two efficacy studies with both histology and long-term clinical outcomes endpoints and a third one-year study evaluating safety and tolerability



» Commercial Supply Chain of API and Drug Product/Device:
Supply Authorized Globally for Initiated Phase 3 Studies

Drug Substance (API)



- ✓ Commercial scale
- ✓ High Titer E. Coli Expression
- ✓ Process validation complete

Drug Product/Device Combination



- ✓ Commercially precedented
- ✓ 1 mL Iyo/liquid Dual Chamber Syringe
- ✓ Self-administered, stable at 2-25°C

» Recent Progress & Near-Term Milestones



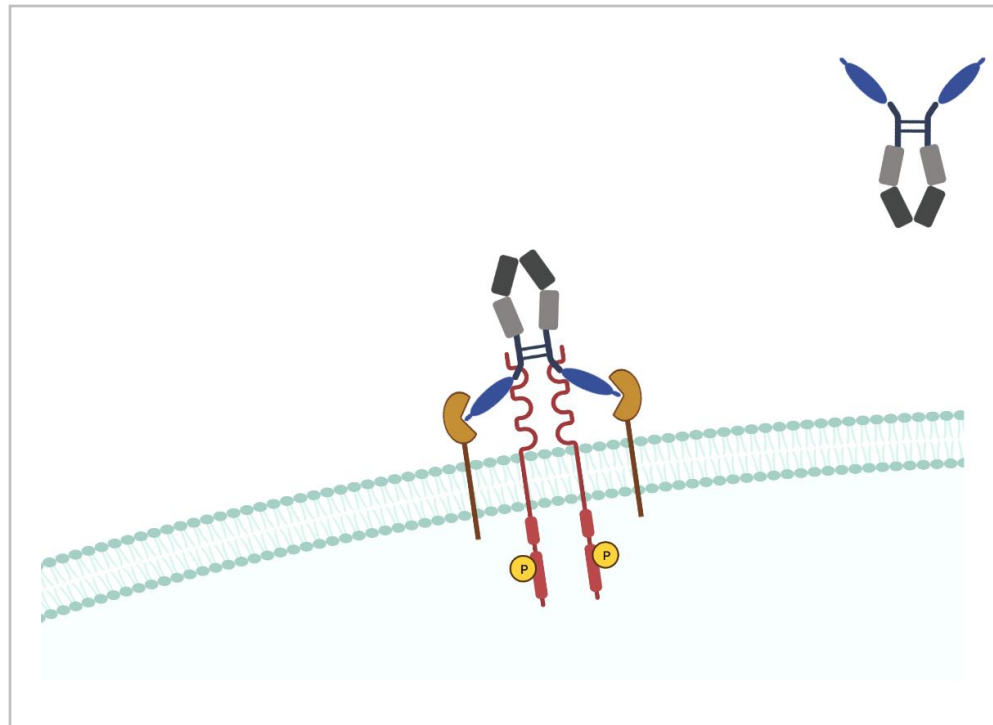
Cash sufficient to fund our Phase 3 **SYNCHRONY Histology** and **Real-World** studies through their respective primary endpoints and our current operating plan into the second half of 2027, with ~\$787M cash on hand¹ as of September 30, 2024

Backup Slides



EFX's Four Attachment Points to Cellular Surface May Contribute to Stronger Receptor Binding and Enhanced Efficacy

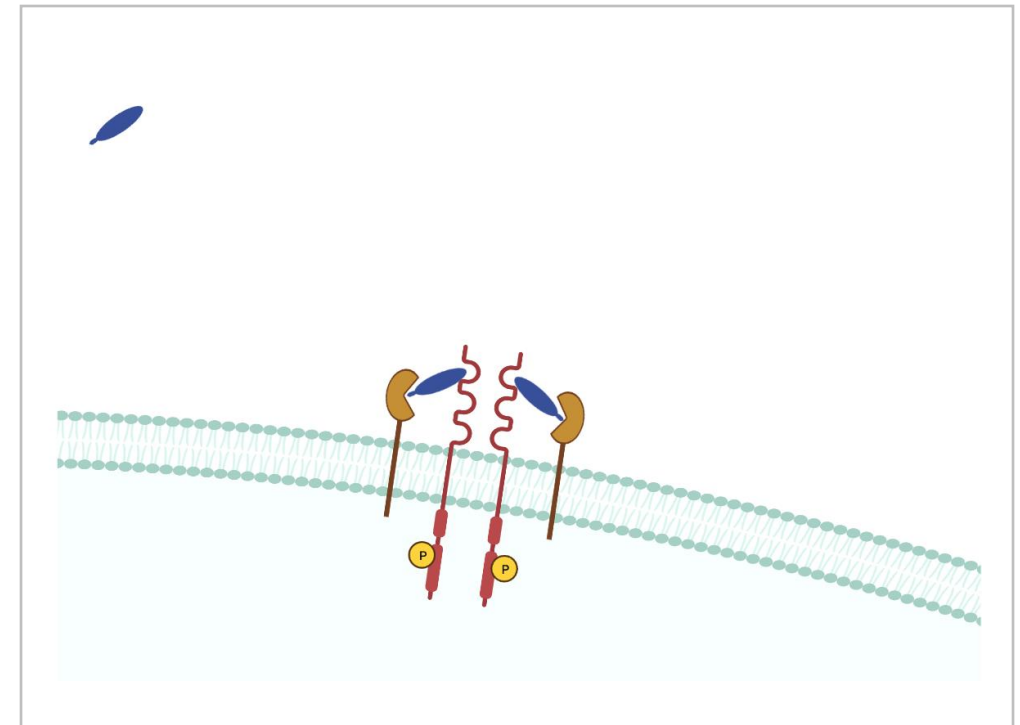
EFX



Dimer structure may enable cooperative binding and enhance avidity effects

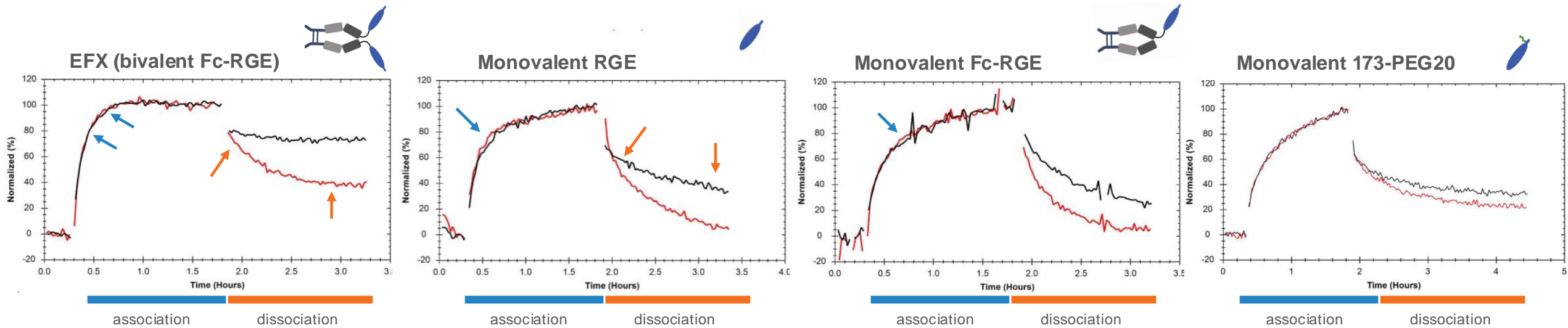
vs

Single-chain FGF21



Two independent binding events preclude cooperative binding or avidity effects

» Supportive Evidence for EFX's Cooperative Binding to Cell Surface



Single-chain FGF21 has slower association, faster and more complete dissociation

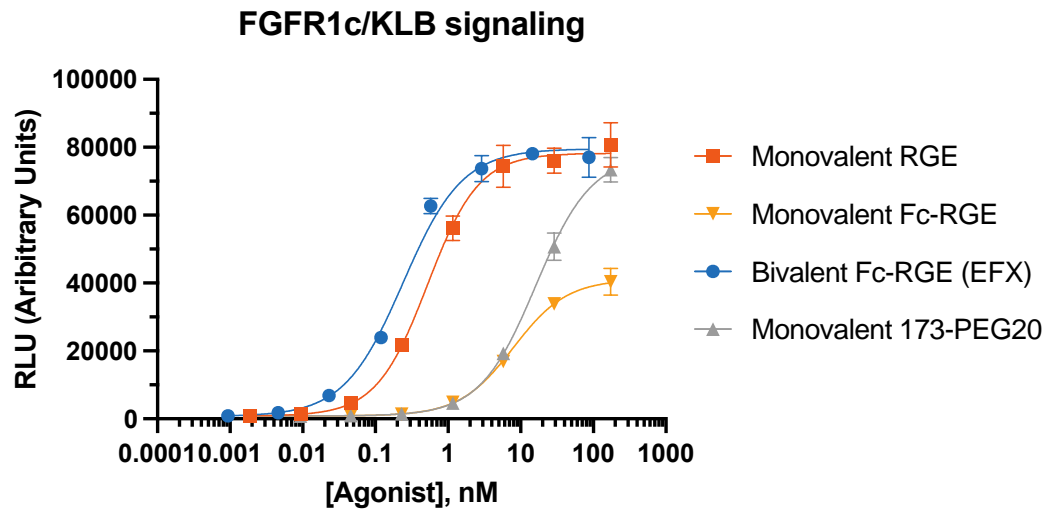
Addition of Fc or 20 kDa PEG to single-chain FGF21 analog further slows association

FGF21 Analog	k_a (1/[M*s])	k_d (1/s)	K_D (M)
EFX	1.8×10^5	3.3×10^{-6}	1.8×10^{-11}
Monovalent RGE	4.7×10^4	1.4×10^{-4}	3.0×10^{-9}
Monovalent Fc-RGE	2.1×10^4	1.1×10^{-4}	5.4×10^{-9}
Monovalent 173-PEG20	1.7×10^4	8.3×10^{-5}	4.8×10^{-9}

>100-fold tighter binding (K_D) of EFX vs. all monovalent analogs, i.e., RGE, Fc-RGE, or 173-PEG20:

- faster rate of association [k_a] AND
- much slower rate of dissociation [k_d]

Single FGF21 chain analogs fused to “half-life extenders” are 15- to 30-Fold Less Potent than EFX with two FGF21 chains’ or “unmodified FGF21”



	Bivalent Fc-RGE (EFX)	Monovalent RGE	Monovalent Fc-RGE	Monovalent 173-PEG20
Half-life extension	Fc-fusion	minimal	Fc-fusion	20 kDa PEG at residue 173
FGF21-receptor hindrance	N-terminus linked to IgG1 Fc	none	N-terminus linked to IgG1 Fc	20 kDa PEG at residue 173
mol. FGF21 / mol. analog	2	1	1	1
K _D (affinity) on live cells	.018 nM	3 nM	5.4 nM	4.8 nM
EC ₅₀ (potency), cell-based bioassay	0.24 nM	0.52 nM	7.93 nM	16.2 nM

- Monovalent Fc-RGE is **less potent** (higher EC₅₀) and a **partial agonist** (smaller fold induction) than Monovalent RGE
 - *Likely steric hindrance effect due to Fc*
- Adding a second FGF21(RGE) to monovalent Fc-RGE, forming bivalent Fc-RGE (EFX) restores **full agonism** and is **much more potent** (lower EC₅₀)
 - *More than overcomes steric hindrance of Fc*
- Addition of 20 kDa PEG at residue 173 appears to maintain **full agonism** but is associated with **lower potency** (higher EC₅₀)



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