



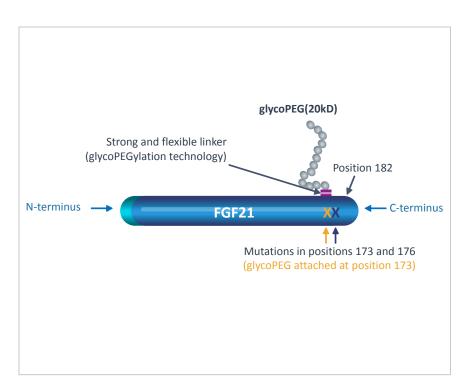
Pegozafermin for the treatment of non-alcoholic steatohepatitis patients with F2/F3 fibrosis: A multi-center, randomized, double-blind, placebo-controlled Phase 2b trial

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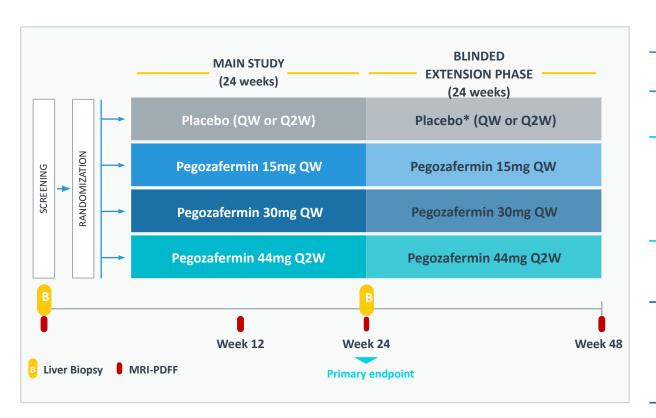
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Pegozafermin is an FGF21 Analog Optimally Engineered to Balance Efficacy and Long Dosing Interval



- Built using glycoPEGylation technology with site-specific mutations
- Low nanomolar potency against
 FGF receptors 1c, 2c, 3c, similar
 to native FGF21

ENLIVEN – Study Design for Phase 2b Trial



PRIMARY ANALYSIS POPULATION

• F2-F3 NASH; NAS ≥4

PRIMARY ENDPOINTS

- ≥1-stage fibrosis improvement with no worsening of NASH¹
- NASH resolution with no worsening of fibrosis²

KEY SECONDARY EFFICACY ENDPOINTS

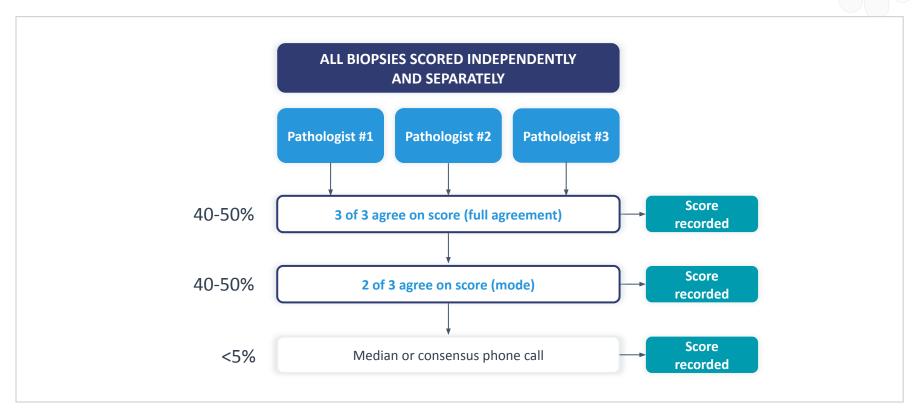
- ≥2-point change in NAS with no worsening of fibrosis
- Non-invasive liver markers (liver fat, liver injury, fibrosis markers)

¹ Improvement in liver fibrosis by ≥1 stage and no worsening of steatohepatitis defined as no increase in NAS for ballooning, inflammation, or steatosis (FDA draft guidance).

² Resolution of steatohepatitis is defined as absent fatty liver disease or isolated or simple steatosis without steatohepatitis and a NAS score of 0-1 for inflammation, 0 for ballooning and any value for steatosis (FDA draft guidance).

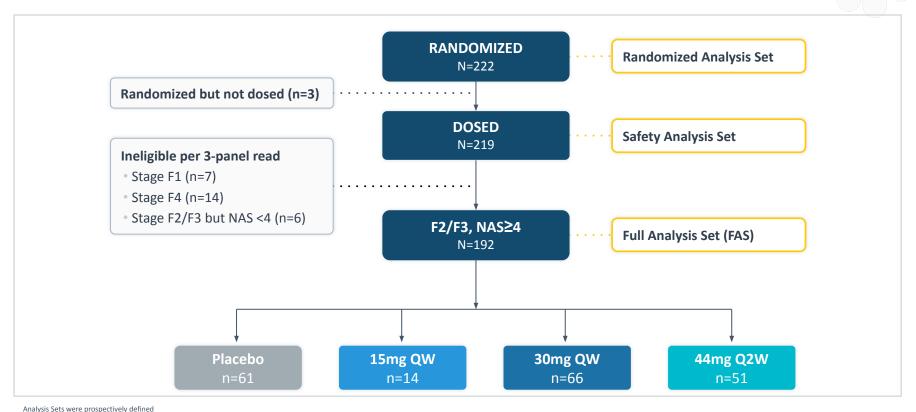
^{*}Some placebo patients were re-randomized in the extension phase to receive pegozafermin.

ENLIVEN Used Objective Methodology Designed to Reduce Histology Scoring Biases and Variability



<1% of scores required consensus phone call

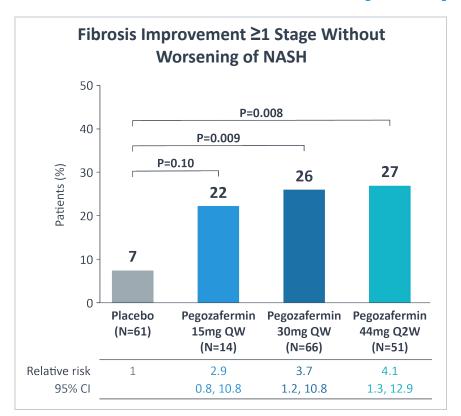
Patient Disposition and Analysis Sets

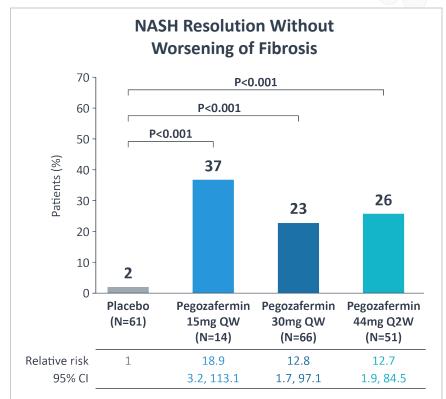


Baseline Characteristics Well Balanced Across Dose Groups

Parameter Mean or %	Placebo (n=71)	15mg QW (n=21)	30mg QW (n=73)	44mg Q2W (n=57)	Total (n=222)
Age (years)	56	55	55	55	56
Female	55%	43%	69%	65%	61%
BMI (kg/m²)	38	38	35	36	37
Type 2 Diabetes	69%	86%	62%	61%	66%
Fibrosis Stage (% F3)	66%	43%	64%	53%	60%
NAFLD Activity Score	5.0	4.8	5.3	5.2	5.1
Liver Fat Content (MRI-PDFF)	16.7%	15.8%	16.7%	15.8%	16.4%
Liver Stiffness (VCTE, kPa)	14.1	11.2	12.5	13.2	13.0
PRO-C3 (ng/mL)	50	62	54	52	53
ALT (U/L)	50	61	60	56	56
AST (U/L)	41	48	47	42	44
HbA1c, overall population (%)	6.6	7.0	6.6	6.7	6.7
Triglycerides (mg/dL)	170	186	175	165	172

Pegozafermin Treatment Led to a Significant Improvement on Primary Endpoints at Week 24





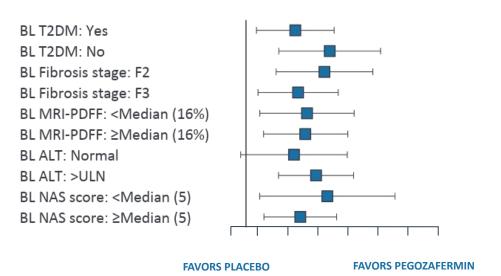
Pegozafermin Showed Consistent and Significant Benefit in Achieving Fibrosis Improvement Across Prespecified Subgroups

Pegozafermin 30mg QW

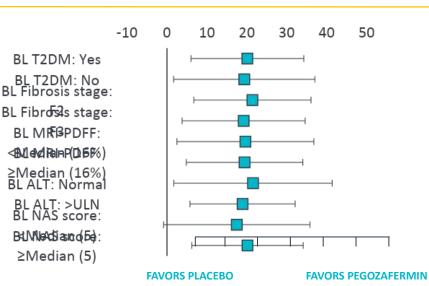
Proportion Achieving Fibrosis Improvement

Pegozafermin 44mg Q2W

Proportion Achieving Fibrosis Improvement

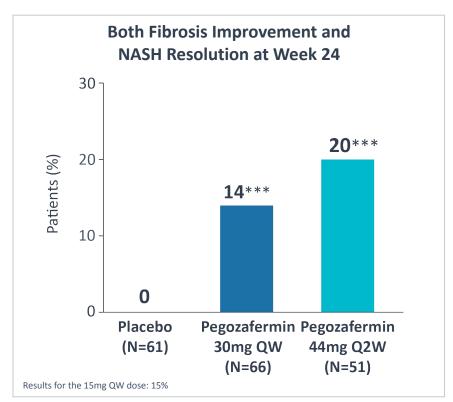


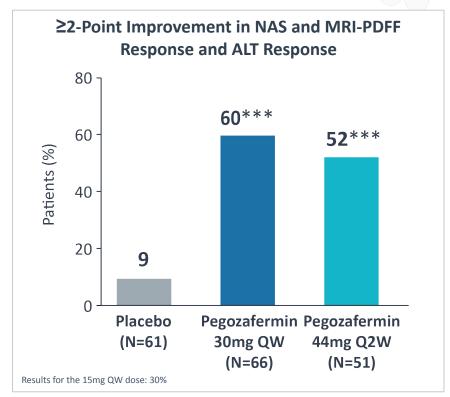
Est. proportion difference (95% CI)



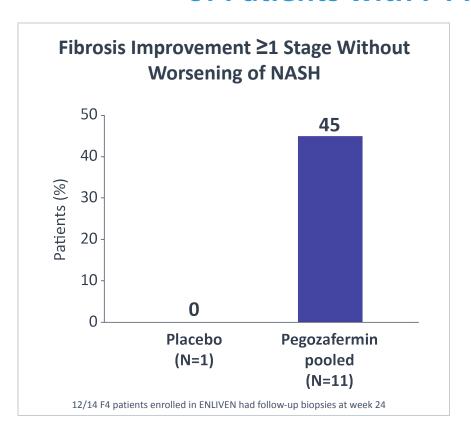
Est. proportion difference (95% CI)

Statistically Significant Results on the Combined Endpoint of Fibrosis Improvement and NASH Resolution





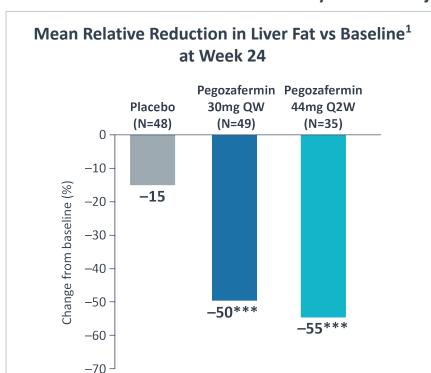
Fibrosis Improvement Without Worsening of NASH in 45% of Patients with F4 Fibrosis at Baseline

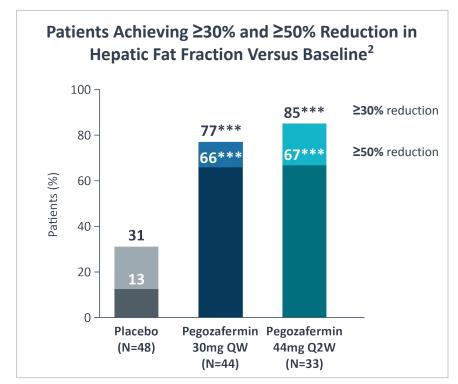


Parameter	Mean Change from Baseline on Pegozafermin (n=12)		
MRI-PDFF	-33%		
ALT	-53%		
AST	-31%		
ELF	-0.4 units		
cT1	-87 msec		

Pegozafermin Demonstrated Robust Liver Fat Reduction with High Responder Rates by MRI-PDFF at Week 24

MRI-PDFF Analysis Set in subjects with >10% liver fat at baseline



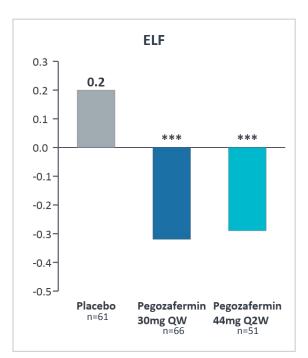


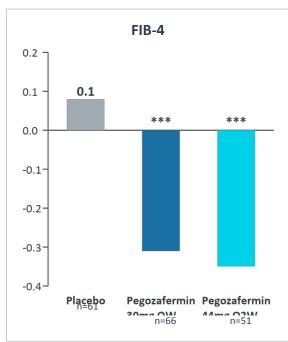
Results for the 15mg QW dose: -33%

Results for the 15mg QW dose: 50%; 33%

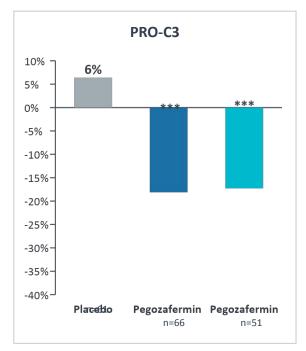
Pegozafermin Demonstrated Significant Improvements on Non-Invasive Markers (NITs) for Fibrosis

Absolute Change from Baseline at Week 24

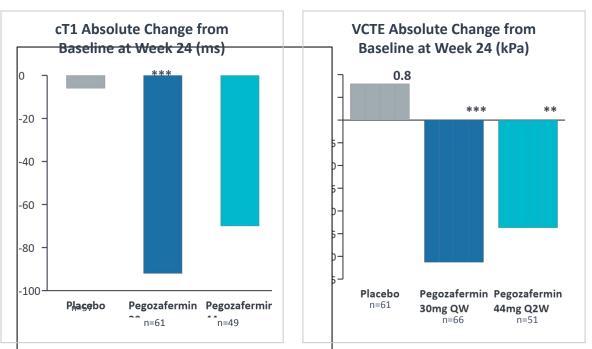


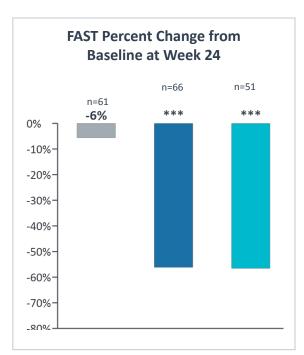


Percent Change from Baseline at Week 24



Pegozafermin Demonstrated Significant Reductions in Non-Invasive Markers (NITs) of Hepatic Inflammation and Fibrosis



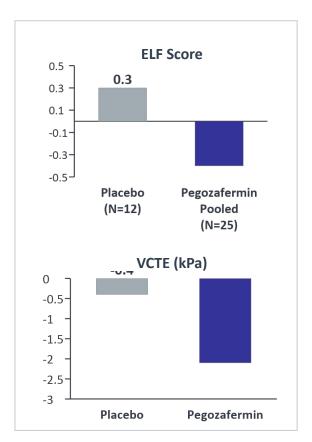


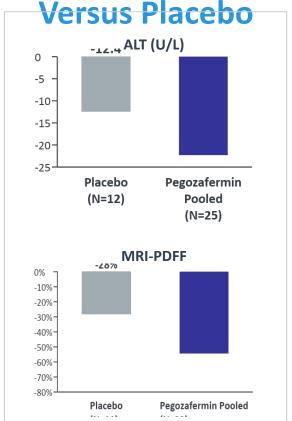
Results for the 15mg QW dose: cT1: -47 (n=10); VCTE: -1.42 kPa (n=14); FAST:-33% (n=14).

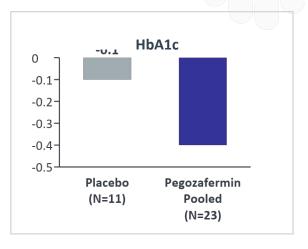
Source: Full Analysis Set for FibroScan and PRO-C3 assessments and MRI-PDFF analysis set for cT1, Analysis via MMRM for cT1 and PRO-C3, ANCOVA for VCTE. A patient is designated a cT1 responder with ≥80 msec reduction as compared to baseline. cT1 analysis was performed at sites where available.

p<0.01.*p<0.01.***p<0.01.***p<0.001 versus placebo.

In Patients on Background GLP-1 Therapy, Greater Reductions Observed on Key Markers when PGZ is Added







- Acceptable tolerability with nausea as most common AE. No treatment-related discontinuations
- Pooled results include 30mg and 44mg groups as results were consistent across both groups.

Pegozafermin Was Well Tolerated Across Doses Low incidence of treatment-related TEAEs

Drug-related TEAEs in ≥10% of patients

Preferred Term	Placebo (n=69)	15mg QW (n=21)	30mg QW (n=72)	44mg Q2W (n=57)
Diarrhea	3%	24%	17%	9%
Nausea	1%	14%	21%	18%
Injection site erythema	3%	14%	14%	5%
Injection site rash	1%	0	10%	4%
Increased appetite	0	10%	13%	5%

Most TEAEs were grade 1 or 2. No DILI or tremor reported. No clinically relevant changes observed on vitals, bone biomarkers or DXA.

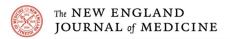
	Placebo	15mg QW	30mg QW	44mg Q2W
Drug-related AEs leading to discontinuation	0	5%ª	6% ^b	2% ^c
Drug-related Serious Adverse Event (SAE)	0	0	0	2% ^c

Related discontinuations: ^a Diarrhea [15 mg QW]; ^b Diarrhea [30 mg QW]; Nausea [30 mg QW]; Diarrhea [30 mg QW]; ISR erythema [30 mg QW]; Cancellitis [44 mg Q2W]. Unrelated discontinuations: Angina [placebo]; Colon CA [30 mg QW]; COVID-19 [30 mg QW].

Conclusions

- Pegozafermin significantly improved:
 - Fibrosis improvement without worsening of NASH
 - NASH resolution without worsening of fibrosis
 - Key non-invasive tests for NASH
- Treatment effects were consistent across various subgroups, including in subjects on background GLP-1 therapy
- Efficacy similar with weekly and every-two-week dosing intervals
- Pegozafermin demonstrated a favorable safety and tolerability profile
- These data appear very promising for the planned Phase 3 program

ENLIVEN: Study Results Published in NEJM in Conjunction with EASL Presentation



ORIGINAL ARTICLE

Randomized, Controlled Trial of the FGF21 Analogue Pegozafermin in NASH

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Thank you!

Happy to take any questions: roloomba@ucsd.edu