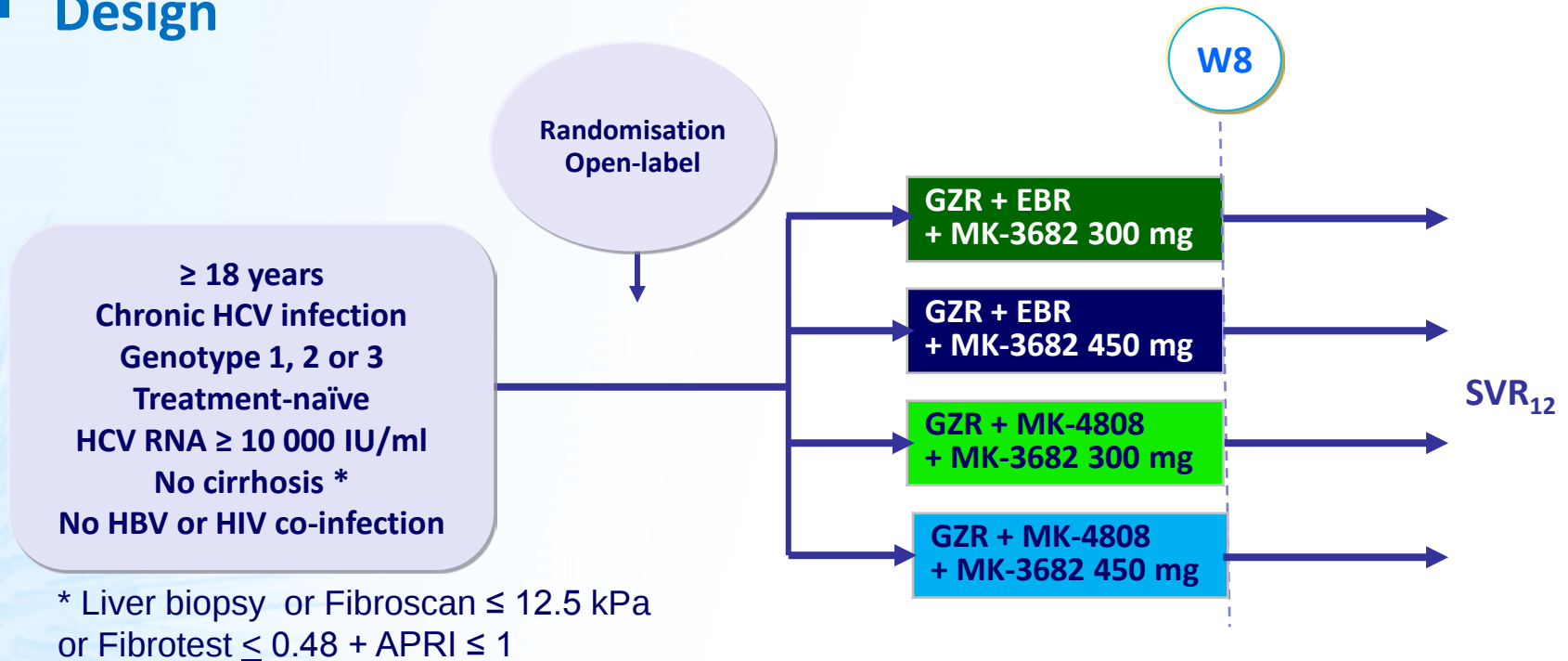


C-CREST study, Part A: GZR + EBR or MK-8408 + MK-3682 for genotypes 1, 2 and 3 - Phase II

■ Design



— GZR: 100 mg qd ; EBR: 50 mg qd ; MK-4808: 60 mg qd

■ Objective

— Primary endpoint: SVR₁₂ (HCV RNA < 15 IU/mL)

C-CREST study, Part A: GZR + EBR or MK-8408 + MK-3682 for genotypes 1, 2 and 3 - Phase II

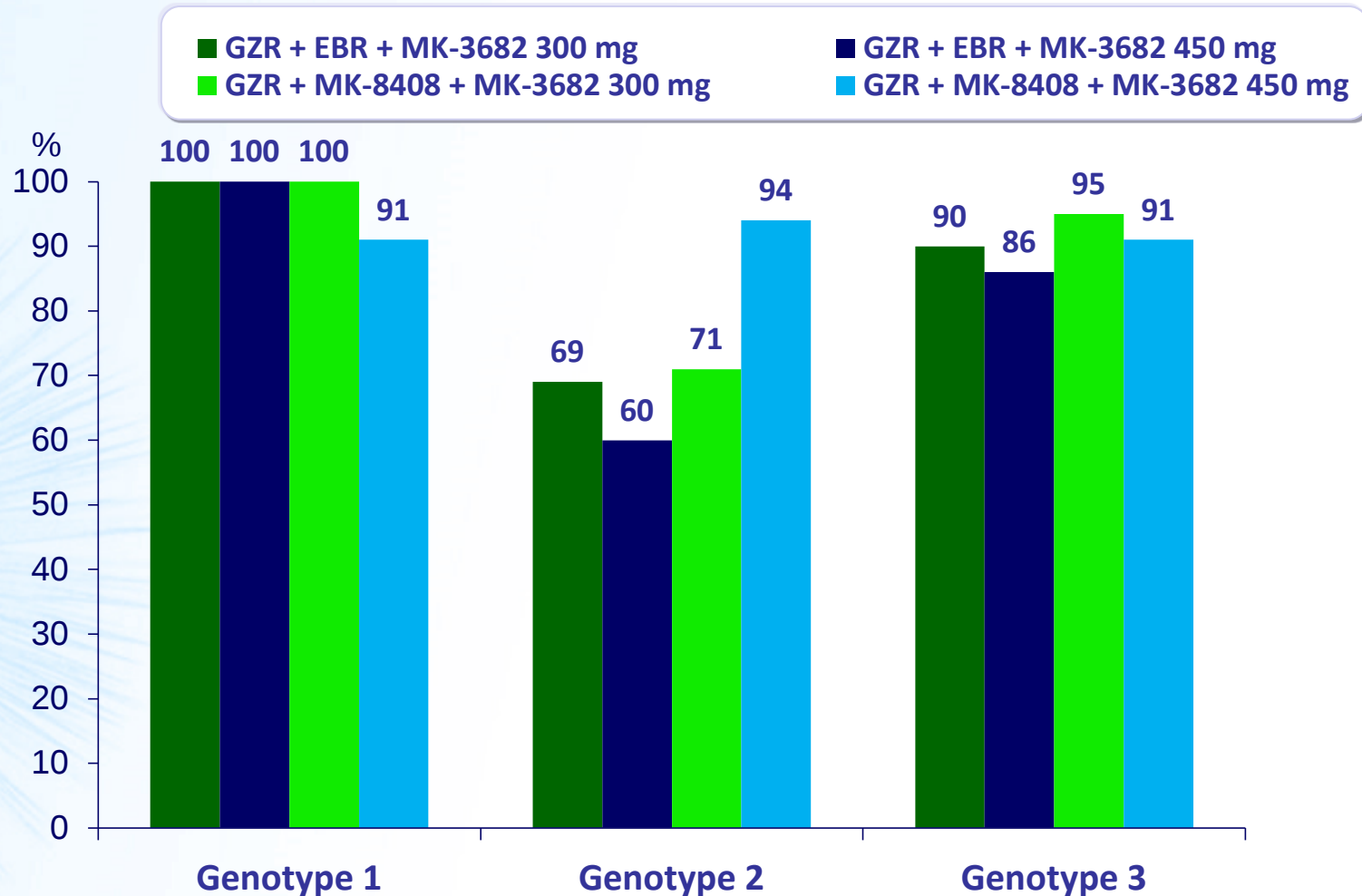
Baseline characteristics

	GZR + EBR + MK-3682 300 mg N = 60	GZR + EBR + MK-3682 450 mg N = 60	GZR + MK-4808 + MK-3682 300 mg N = 59	GZR + MK-4808 + MK-3682 450 mg N = 61
Median age, years	48	49	49	47
Female	43%	62%	56%	46%
Race, white	90%	92%	97%	95%
HCV genotype, n				
1a	11	10	16	9
1b	12	13	8	14
2	16	15	14	16
3	21	22	21	22
Metavir				
F0-F2	85%	98%	93%	93%
F3	15%	2%	5%	7%
HCV RNA log ₁₀ IU/ml, median	6.3	6.0	6.1	6.2

- All 240 enrolled patients completed 8 weeks of treatment and reached follow-up W12 post-treatment

C-CREST study, Part A: GZR + EBR or MK-8408 + MK-3682 for genotypes 1, 2 and 3 - Phase II

SVR₁₂ (HCV RNA < 15 IU/mL), full analysis set



C-CREST study, Part A: GZR + EBR or MK-8408 + MK-3682 for genotypes 1, 2 and 3 - Phase II

■ Impact of baseline NS5A RAVs

- No impact of baseline genotype 1 NS5A RAVs on SVR₁₂
 - SVR₁₂: 97% if no RAVs, 100% if RAVs
 - No treatment emergent NS5A RAVs in the 2 relapses (1 genotype 1a and 1 genotype 1b)
- High SVR₁₂ in genotype 3 with GZR + MK-4808 + MK-3862 despite high prevalence (47%) of NS5A RAVs
 - SVR₁₂: 100% if no RAVs, 85% if RAVs
 - Treatment-emergent NS5A RAV in 1 of the 3 relapses (Y93H)

C-CREST study, Part A: GZR + EBR or MK-8408 + MK-3682 for genotypes 1, 2 and 3 - Phase II

Impact of baseline RAVs (15% sensitivity threshold) on SVR₁₂

		Absent, N (%)	SVR ₁₂		Present, N (%)	SVR ₁₂
Genotype 1 N = 92	NS5A RAVs	70 (76%)	97%		22 (24%)	100%
	NS3 RAVs	38 (41%)	97%		54 (59%)	98%
	NS5B RAVS	73 (79%)	99%		19 (21%)	95%
Genotype 2 N = 16	NS5A RAVs	1 (6%)	100%		15 (94%) ; L31M = 8/15	93%
	NS3 RAVs	1 (6%)	100%		15 (94%)	93%
	NS5B RAVS	15 (94%)	93%		1 (6%)	100%
Genotype 3 N = 42	NS5A RAVs	22 (52%)	100%		20 (48%)	85%
	NS3 RAVs	4 (10%)	100%		38 (90%)	92%
	NS5B RAVs	41 (98%)	93%		1 (2%)	100%

- In genotype 1: no impact of baseline RAVs on SVR₁₂
- In genotype 2: high efficacy despite high prevalence of baseline NS5A and NS3 RAVs
- In genotype 3: modest impact of baseline NS5A RAVs on SVR₁₂

C-CREST study, Part A: GZR + EBR or MK-8408 + MK-3682 for genotypes 1, 2 and 3 - Phase II

Analysis of 6 failures on MK-3682 (300 or 450 mg) + GZR + MK-4808

	Dose of MK-3682	Genotype	Failure W		Baseline RAVs	RAVs at failure
1	450 mg	1a	FW24	NS3	WT	WT
				NS5A	WT	WT
				NS5B	WT	WT
2	450 mg	1b	FW12	NS3	Y56F, V170I	56F, V170I
				NS5A	WT	WT
				NS5B	C316N	C316N
3	450 mg	2b	FW12	NS3	K122R, I132L	K122R, I132L
				NS5A	T24S, F28L, L31M	T24S, F28L, L31M
				NS5B	WT	WT
4	300 mg	3a	FW24	NS3	V170I	V170I
				NS5A	A30K, S62T	A30K, S62T, Y93H
				NS5B	WT	WT
5	450 mg	3a	FW24	NS3	V170I	V170I
				NS5A	S62L/I, Y93H	S62L/I, Y93H
				NS5B	WT	WT
6	450 mg	3b	FW12	NS3	V170I	V170I
				NS5A	A30K, L31M, S62D	A30K, L31M, S62D
				NS5B	WT	WT

C-CREST study, Part A: GZR + EBR or MK-8408 + MK-3682 for genotypes 1, 2 and 3 - Phase II

Adverse events

	GZR + EBR + MK-3682 300 mg N = 60	GZR + EBR + MK-3682 450 mg N = 60	GZR + MK-4808 + MK-3682 300 mg N = 59	GZR + MK-4808 + MK-3682 450 mg N = 61
Drug-related adverse event	42%	48%	49%	46%
Serious adverse event, n	1	1	0	0
Drug-related serious adverse event, n	0	0	0	0
Discontinuation due to adverse event	0	0	0	0
Adverse event in > 10% of patients				
Headache	15%	27%	24%	26%
Fatigue	15%	25%	17%	21%
Nausea	8%	20%	12%	13%
Laboratory abnormalities				
Haemoglobin < 10 g/dl	0	0	0	0
Bilirubin > 5 x baseline	0	0	0	0
Late AST/ALT > 5 x ULN	0	0	0	1
Creatinine elevation, grade 1	0	0	0	0

C-CREST study, Part A: GZR + EBR or MK-8408 + MK-3682 for genotypes 1, 2 and 3 - Phase II

■ Summary

- In this pilot phase II, randomised, open-label study, treatment with GZR + MK-4808 + MK36-82 was well tolerated and resulted in high rates of SVR₁₂ (91–94%) in treatment-naïve non-cirrhotic patients with genotypes 1, 2 or 3
 - Improved SVR₁₂ (85%) in patients with genotype 3 and baseline NS5A RAVs
- Good safety and tolerability
- GZR/MK-4808/MK3682 (450 mg) selected for study Part B