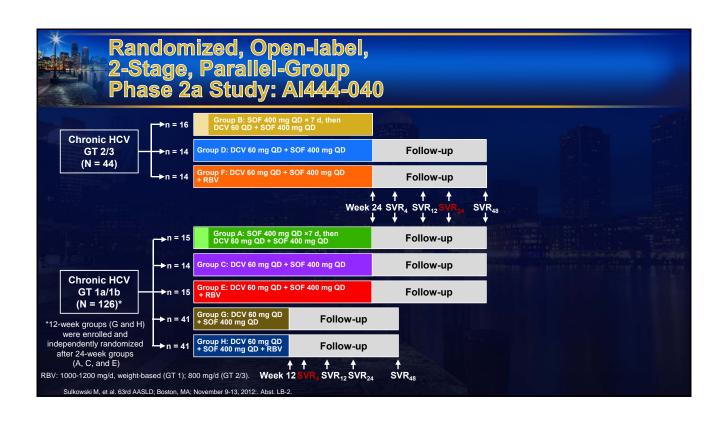
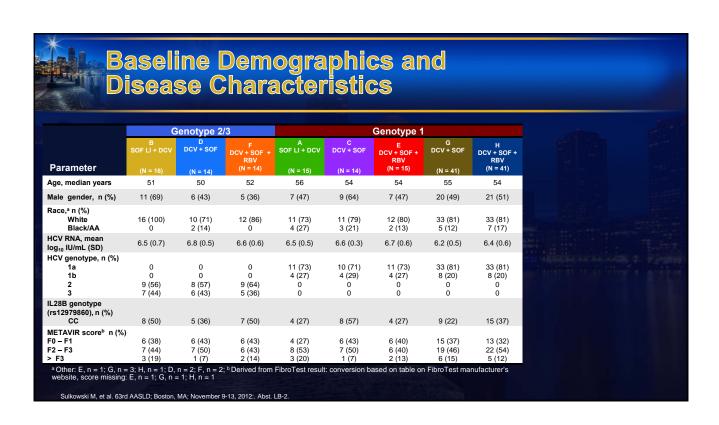


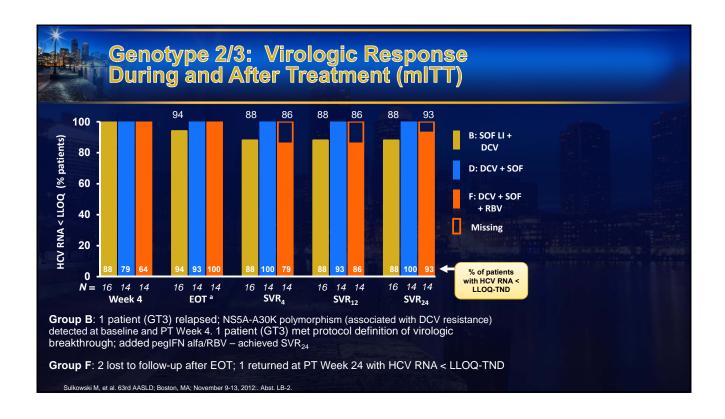
Background

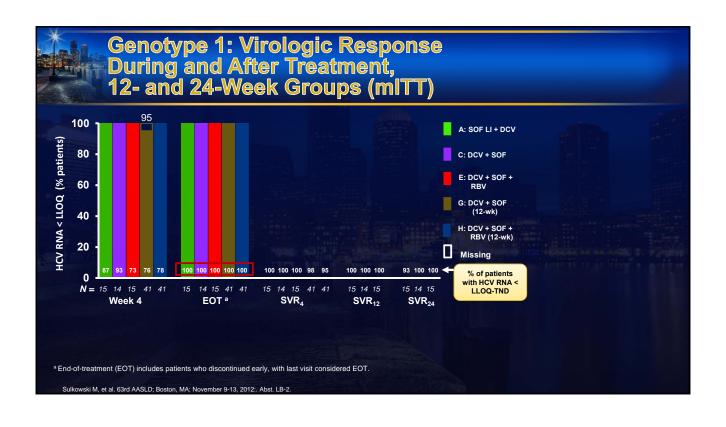
- Oral combinations of direct-acting antivirals, without peginterferon alfa, may provide new options for patients with chronic HCV infection
- Daclatasvir (DCV; BMS-790052) is a first-in-class NS5A replication complex inhibitor^{1,2}
- Sofosbuvir (SOF; GS-7977) is a nucleotide analogue NS5B polymerase inhibitor^{3,4}
- Both DCV and SOF have potent antiviral activity, broad genotypic coverage in vitro, and once-daily oral administration¹⁻⁵
- Both have achieved high sustained virologic response (SVR) rates in previously untreated HCV genotype (GT) 1-infected patients when combined with peginterferon alfa and ribavirin (RBV)⁵⁻⁶

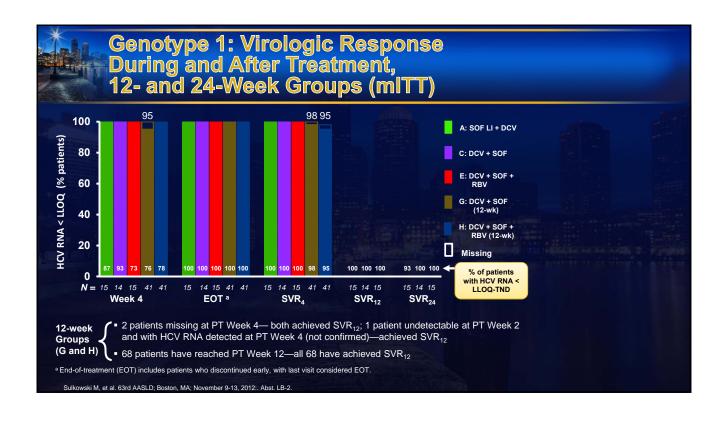
1. Gao M, et al. Nature 2010; 465:96-100; 2. Nettles RE, et al. Hepatology 2011; 54:1956-1965; 3. Sofia MJ, et al. J Med Chem 2010; 53:7202-7218; 4. Lam AM, et al. Antimicrob Agents Chemother 2012; 56:3359-3368; 5. Kowdley KV, et al. J Hepatol 2012; 56(Suppl2):S1; 6. Pol S, et al. Lancet Infect Dis 2012; 12:671-677.

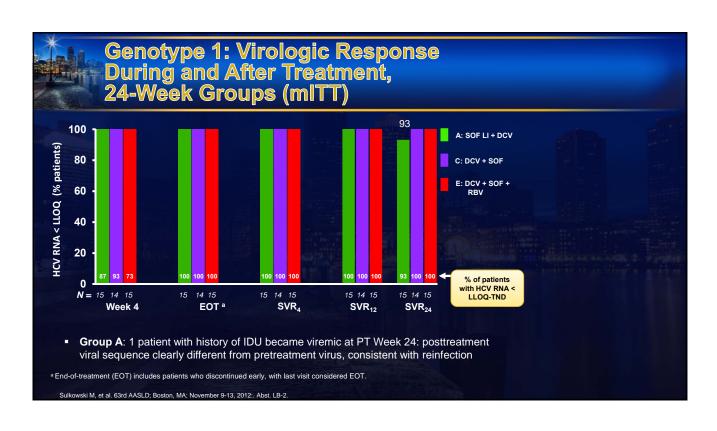












Safety On-Treatment

		24-week treatment			12-week treatment	
		A and B SOF LI + DCV	C and D DCV + SOF	E and F DCV + SOF + RBV	G DCV + SOF	H DCV + SOF + RBV
Patients with event, n (%)		(N = 31)	(N = 28)	(N = 29)	(N = 41)	(N = 41)
Safety parameters	Grade 3-4 AEs	0	4 (14)	2 (7)	1 (2)	1 (2)
	Discontinuations due to AEs	0	1 (4)	1 (3)	0	0
	SAEs ^a	2 (6)	4 (14)	2 (7)	1 (2)	0
	Hgb < 9 g/dL (grade 3-4)	0	0	6 (21)	0	5 (12)
Adverse events occurring in ≥ 20% of patients total	Fatigue	9 (29)	14 (50)	9 (31)	16 (39)	13 (32)
	Headache	5 (16)	8 (29)	11 (38)	14 (34)	9 (22)
	Nausea	5 (16)	9 (32)	9 (31)	8 (20)	8 (20)

- Mean change in hemoglobin for RBV- vs non-RBV-containing regimens was -2.50 g/dL vs -0.65 g/dL after 12 weeks (Groups E, F, H vs A-D, G); and -1.98 g/dL vs -0.24 g/dL after 24 weeks (Groups E, F vs A-D)
- No grade 3–4 elevations of ALT, AST, or total bilirubin

a Four events of overdose (extra study medication doses), classified as SAEs, are not included in the table: C and D, n = 1; E and F, n = 2; H, n = 1.
Sulkowski M, et al. 63rd AASLD: Boston, MA: November 9-13, 2012; Abst. LB-2.

Conclusions

- DCV + SOF with or without RBV achieved SVR in more than 93% of patients with HCV genotype 1, 2 or 3
- HCV genotype 1 (N = 126)
 - 12-week duration: SVR4 = 96%; all patients who have reached PT Week 12 (n = 68) have achieved SVR12 including the three patients not classified as SVR4
 - 24-week duration: SVR24 = 98%; one patient with re-infection posttreatment
- HCV genotype 2 or 3 (N = 44)
 - 24-week duration: SVR24 = 93% of patients; one patient with confirmed relapse (GT 3)
- Virologic response did not vary according to IL28B genotype, viral subtype, or the administration of ribavirin
- DCV + SOF with or without ribavirin was generally well tolerated
 - Low hemoglobin was observed only in patients taking ribavirin

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