18th Annual Conference of the British HIV Association (BHIVA)



Dr Mark Nelson

Chelsea and Westminster Hospital, London

18-20 April 2012, The International Convention Centre, Birmingham

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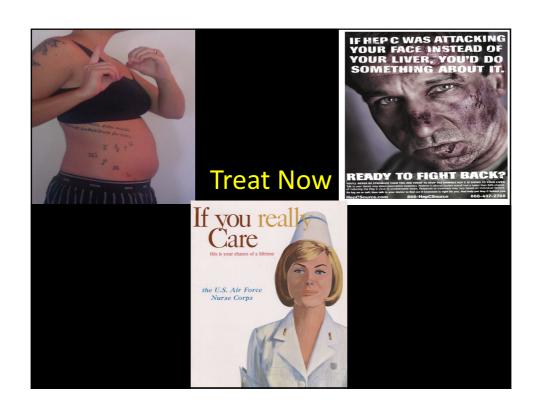


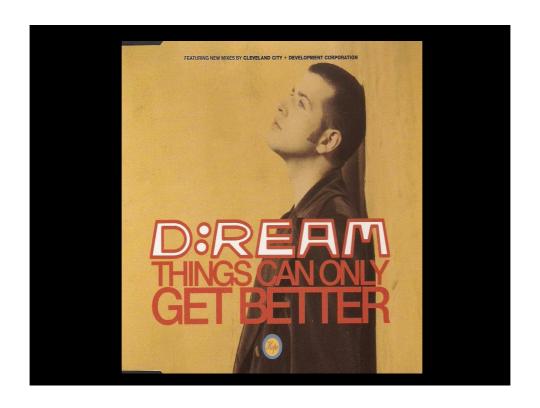
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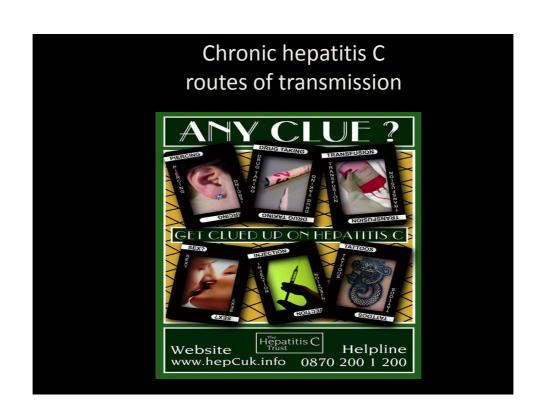
	COMPETING INTEREST OF FINANCIAL VALUE > £1,000:				
Speaker Name	Statement				
Dr Mark Nelson:	Dr Nelson has received educational grants, research support and honoraria from the following companies involved in hepatitis and HIV: MSD, Gilead, ViiV, Abbott, BMS, Idenix, Pfizer, Tibotec, BI in the last 12 months				
Date	April 2012				

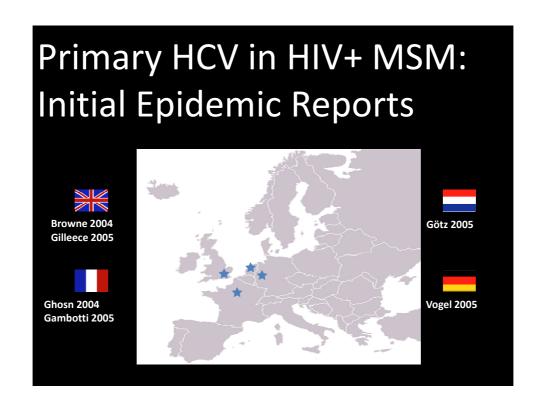
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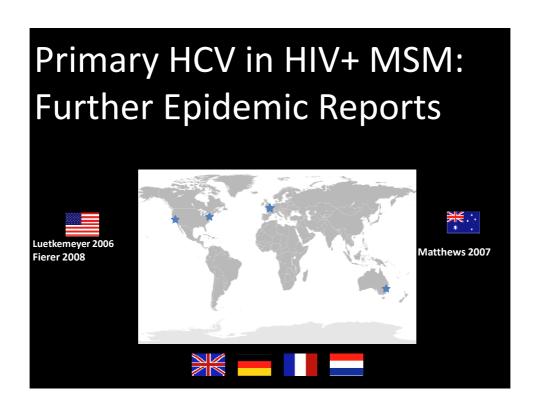


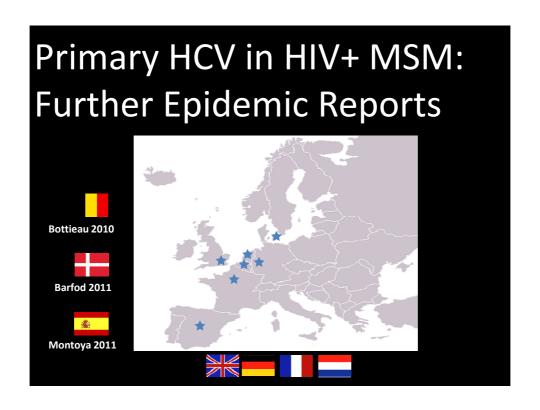








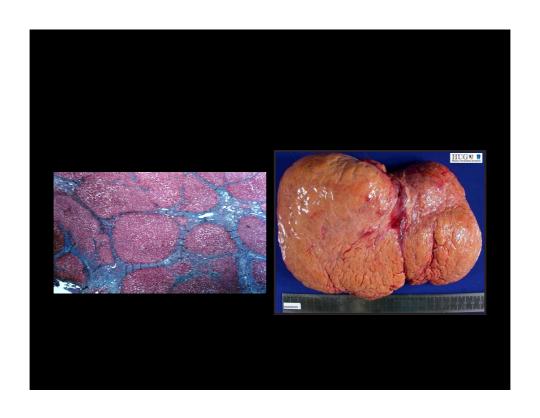


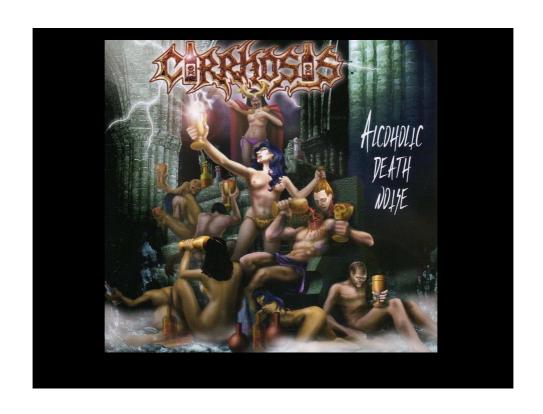


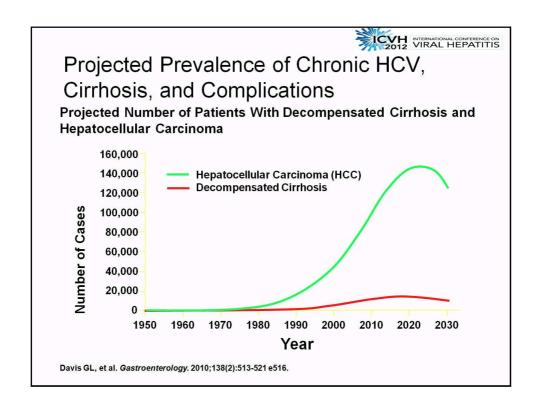
Fibrosis During Primary HCV Infection in HIV+ Men

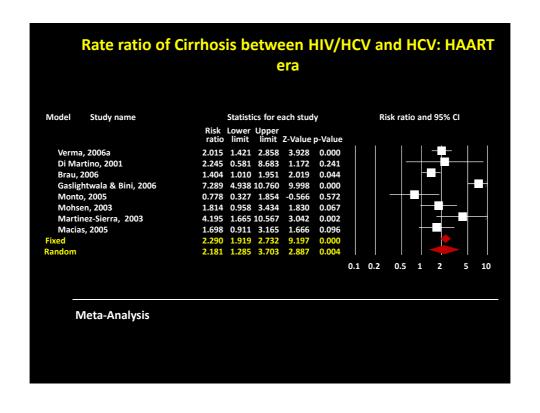
- Antwerp, Belgium 2001 through April 2010
- 37 patients had liver biopsy, median 7 months (range: 3–36 months) after diagnosis of HCV infection:
- 22/37 (59%) had stage 2 or 3 fibrosis

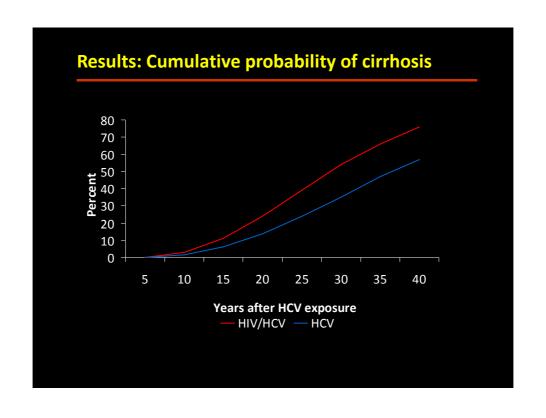
Bottieau Eurosurv 2010

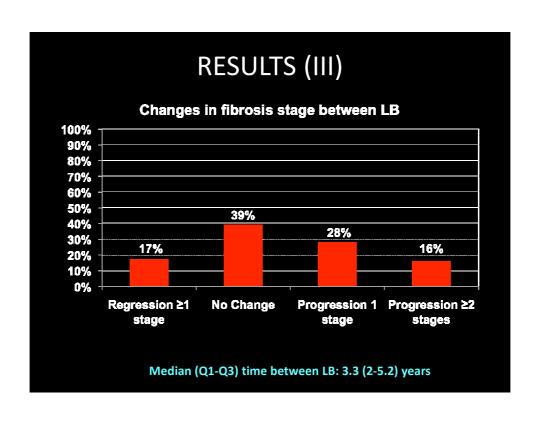


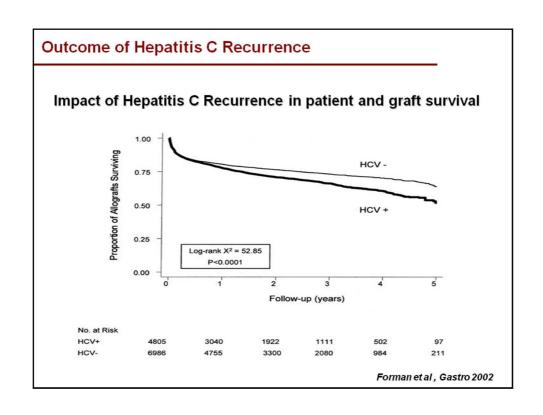


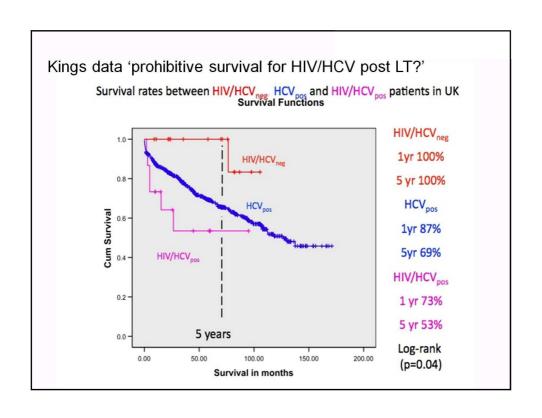


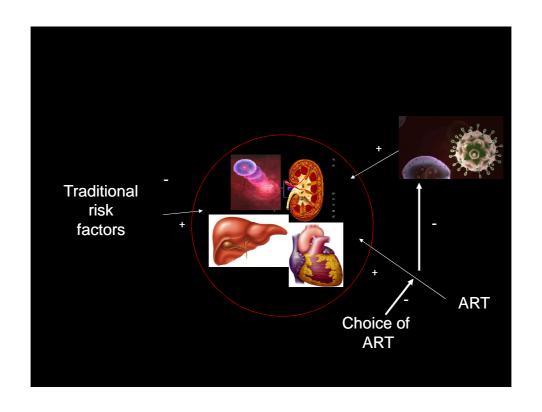


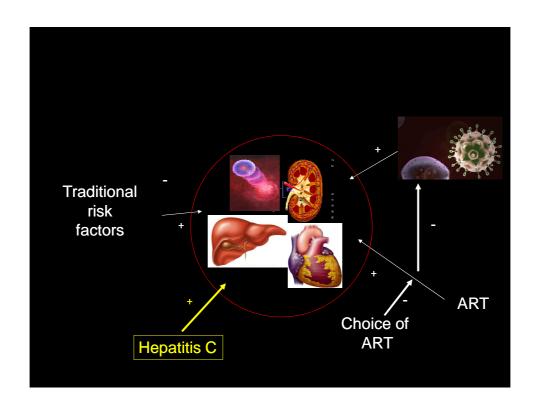


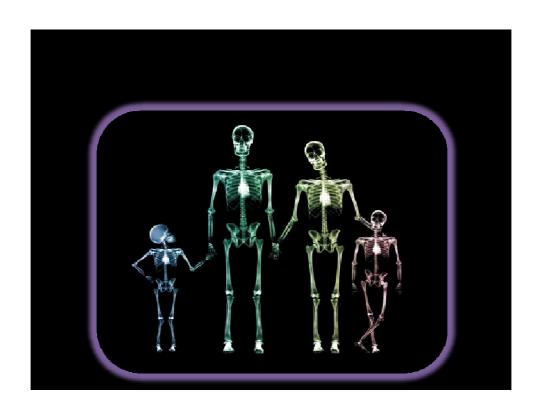




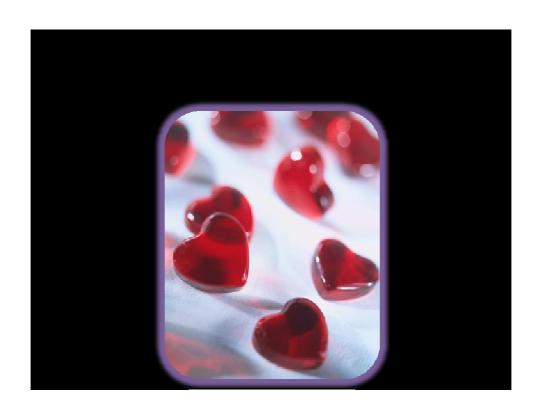


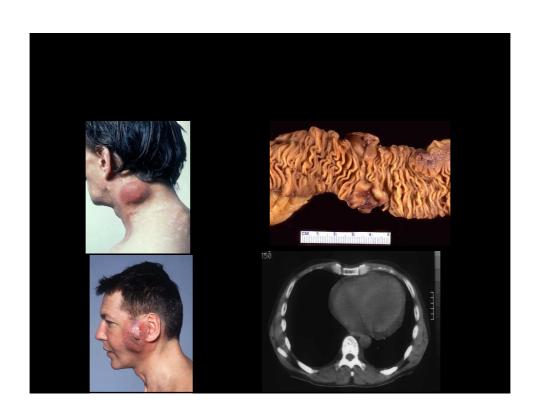


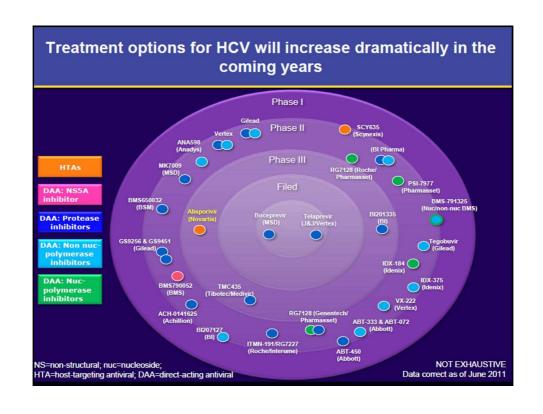


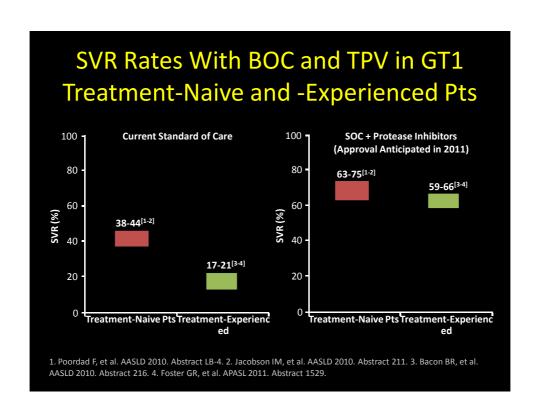




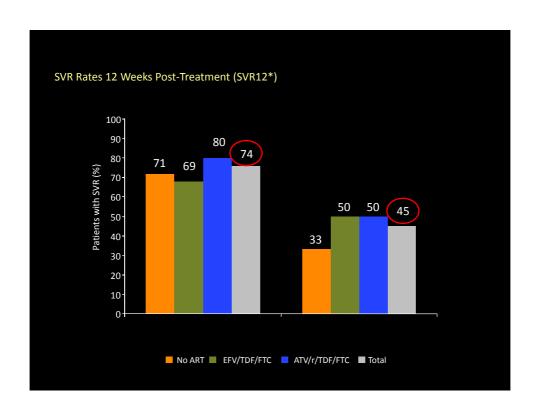


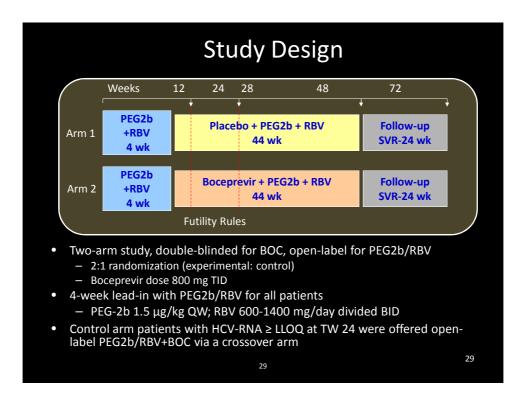


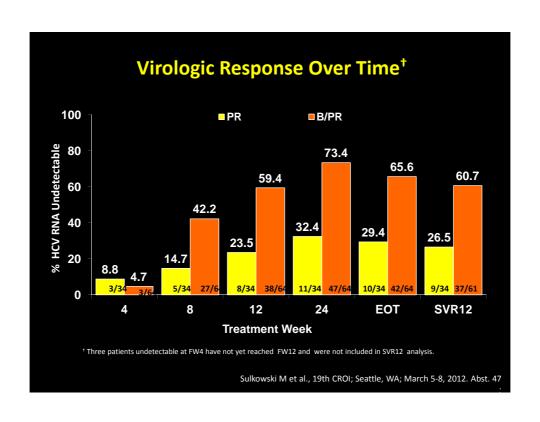


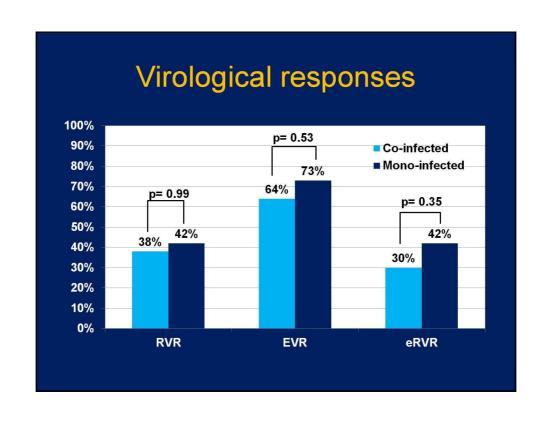


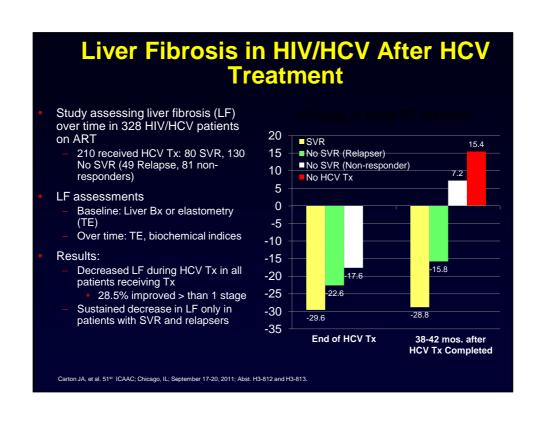


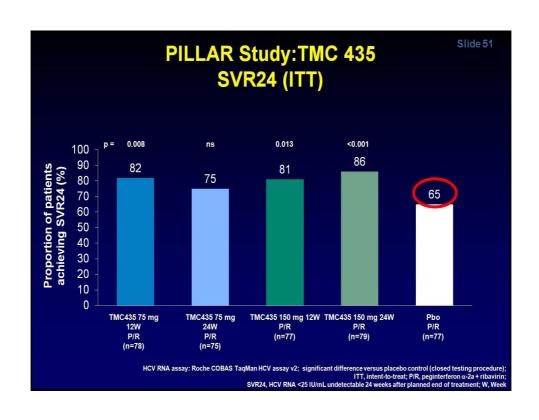


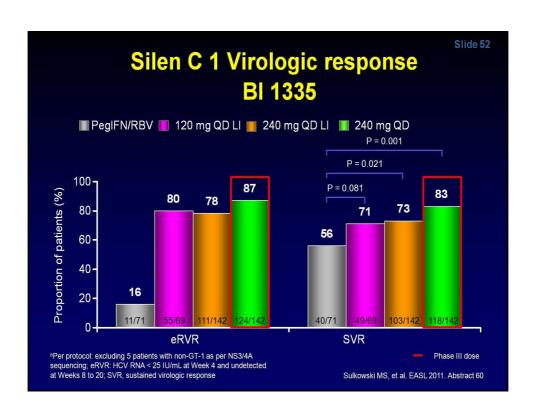


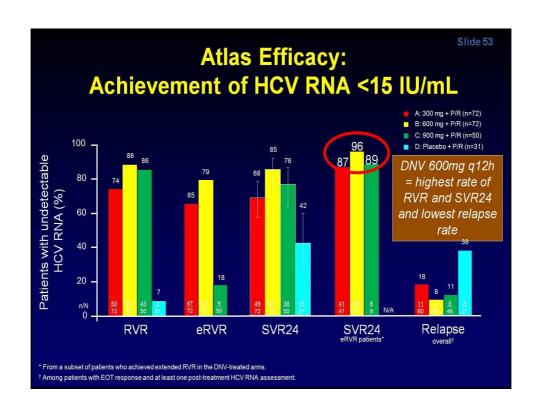


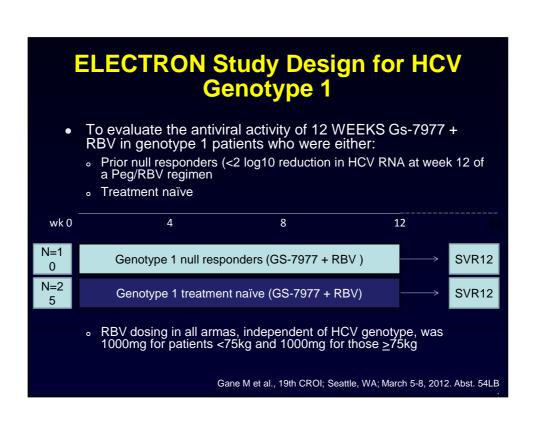












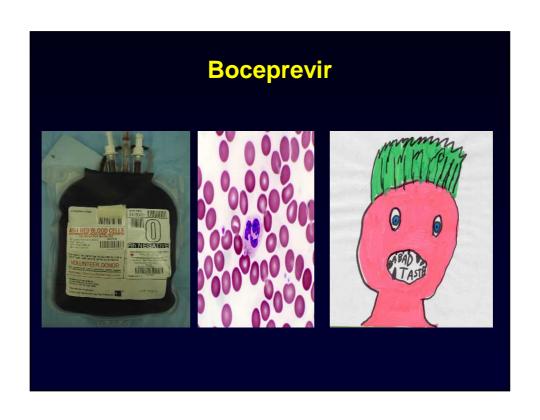
100% Genotype 1 Prior Null Responders and Treatment Naïve Patients Achieved RVR

	Null Res	Genotype 1 Genotype II Responders (N=10) (N=25)		ent-naïve	Treat	notype 2/3 ment-naïve (N=10)
	n/N	% <lod< th=""><th>n/N</th><th>% <lod< th=""><th>n/N</th><th>% <lod< th=""></lod<></th></lod<></th></lod<>	n/N	% <lod< th=""><th>n/N</th><th>% <lod< th=""></lod<></th></lod<>	n/N	% <lod< th=""></lod<>
Week 1	1/10	10	7/25	28	2/10	20
Week 2	7/10	70	17/24	71	10/10	80
Week 4	10/10	100	25/25	100	10/10	100

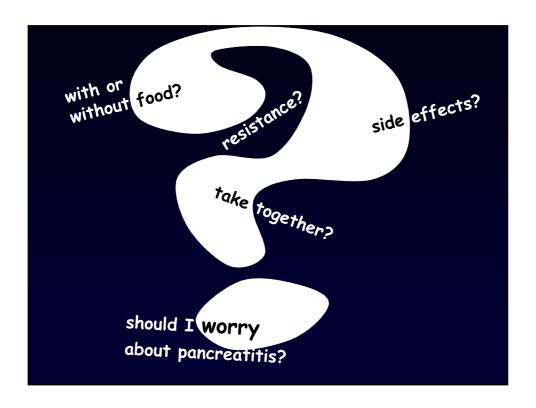
100% Genotype 1 Prior Null Responders Had HCV RNA < LOD at End of Treatment

	Genotype 1 Null Responders (N=10)		Treatme	type 1 ent-naïve =25)	Genotype 2/3 Treatment-naïve (N=10)	
	n/N	% <lod< th=""><th>n/N</th><th>% <lod< th=""><th>n/N</th><th>% <lod< th=""></lod<></th></lod<></th></lod<>	n/N	% <lod< th=""><th>n/N</th><th>% <lod< th=""></lod<></th></lod<>	n/N	% <lod< th=""></lod<>
Week 1	1/10	10	7/25	28	2/10	20
Week 2	7/10	70	17/24	71	10/10	80
Week 4	10/10	100	25/25	100	10/10	100
Week 10	9/9	100	25/25	100	10/10	100
Week 11	9/9	100	16/16	100	10/10	100
Week 12	9/9	100	6/6	100	10/10	100

Electron						
	Genotype 1 Null Responders (N=10)		Treatme	type 1 ent-naïve =25)	Genotype 2/3 Treatment-naïv (N=10)	
	n/N	% <lod< th=""><th>n/N</th><th>% <lod< th=""><th>n/N</th><th>% <lod< th=""></lod<></th></lod<></th></lod<>	n/N	% <lod< th=""><th>n/N</th><th>% <lod< th=""></lod<></th></lod<>	n/N	% <lod< th=""></lod<>
Week 1	1/10	10	7/25	28	2/10	20
Week 2	7/10	70	17/24	71	10/10	80
Week 4	10/10	100	25/25	100	10/10	100
Week 10	9/9	100	25/25	100	10/10	100
Week 11	9/9	100	16/16	100	10/10	100
Week 12	9/9	100	6/6	100	10/10	100
SVR 4	1/9	11			10/10	100









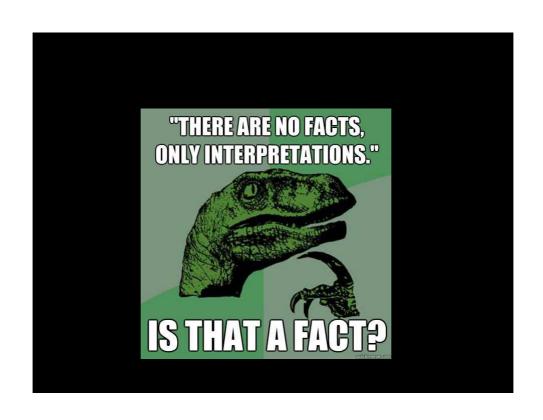


		Results	
Patien	t Gender	Response to previous therapy	Age
n1	M	Partial responder	41
n2	M	Relapser	65
n3	M	Null responder	48
n4	F	Partial responder	52
n5	M	Null responder	46

Patient ARV combination CD4 CD4 VL VL cells/mm³ cells/mm³ copies/ml								
		TW0	TW16	TW0	TW16			
n1	RAL/TFV/FTC	368	202	<40	<40			
n2	DRV/RTV/3TC/TFV	245	166	<40	<40			
n3	DRV/RTV/TFV/FTC	742	562	<40	<40			
n4	DRV/RTV/MVC/3TC	222	292	<40	<40			
n5	TAZ/RTV/TFV/FTC*	688	351	<40	<40			

HCV PCR								
HCV PCR (IU/ml)								
Patient	TW0	TW4	TW8	TW12	TW16			
n1	3842790	85738	10172	<15	<15			
n2	1947149	607039	<15	<15	<15			
n3	117140	10088	<15	<15	<15			
n4	9283263	5756	<15	<15	<15			
n5	11190303	75634	<15	<15	<15			
TW = treatme	TW = treatment week							





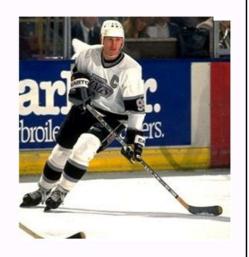
What the patients want from us

'Knowing is not enough, we must apply Willing is not enough we must do...'

Johann Wolfang von Goethe (1749-1832)



You miss a 100% of the shots you don't take ...



Wayne Gretzky

