

French Early Access Program

ATU

The Temporary Authorization for Use (ATU) is an early access program for medicinal products which have undergone full clinical development and are waiting for marketing authorization by the French Health Products Safety Agency (ANSM)



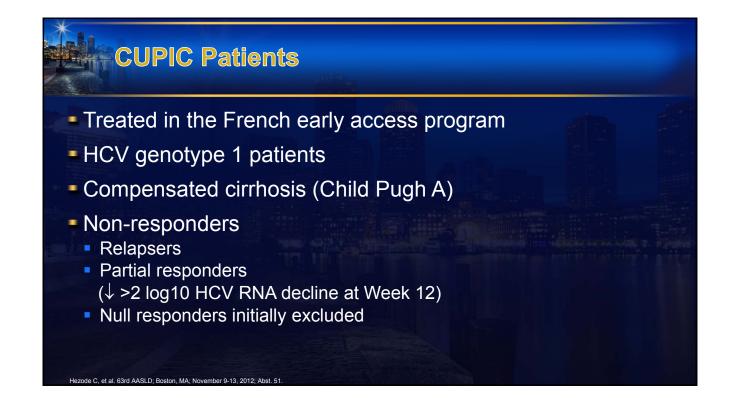
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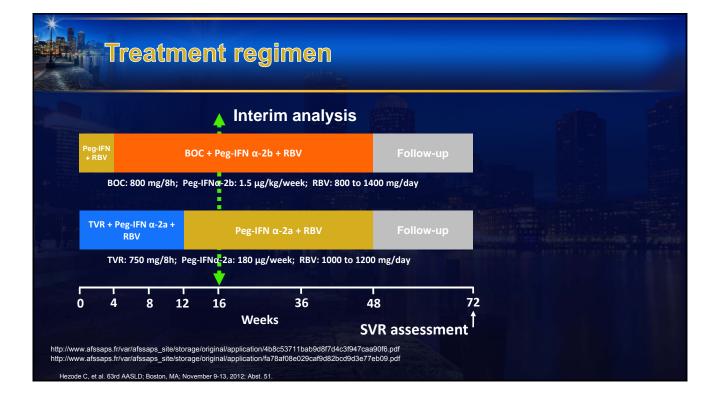
Compassionate Use of Protease Inhibitors in viral C Cirrhosis

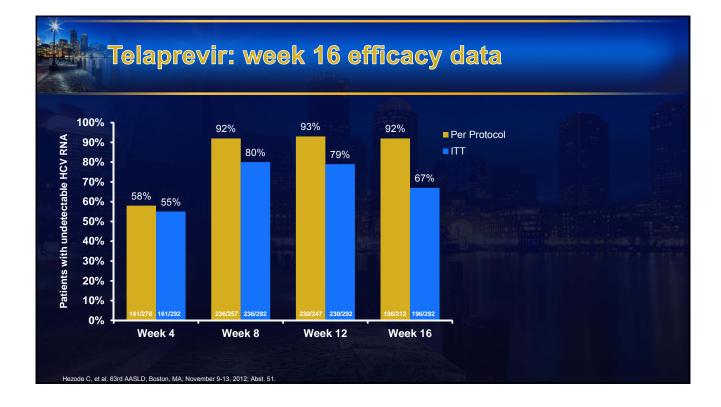
National multicenter observatory in the setting of the ATU

Promoter: ANRS

Aim: to prospectively collect clinical data and biological specimen





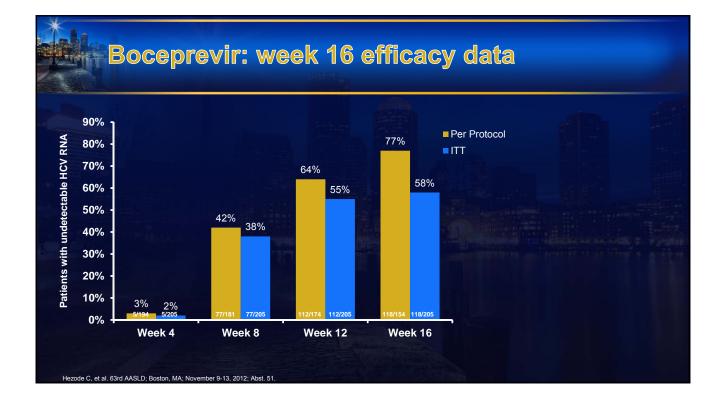


Telaprevir: week 16 safety findings

Patients, n (% patients with at least one event)	Telaprevir n=292
Serious adverse events (SAEs)*	132 (45.2%)
Premature discontinuation Due to SAEs	66 (22.6%) 43 (14.7%)
Death Septicemia, Septic shock, Pneumopathy, Endocarditis, Oesophageal varices Bleeding,	5 (2.6%)
Infection (Grade 3/4)	19 (6.5%)
Hepatic decompensation (Grade 3/4)	6 (2.0%)
Asthenia (Grade 3/4)	16 (5.5%)
Rash Grade 3/SCAR	14 (4.8%)
Renal failure	5 (1.7%)
*334 SAEs in 132 patients; SCAR: severe cutaneous adverse reaction	
Hezode C, et al. 63rd AASLD; Boston, MA; November 9-13, 2012; Abst. 51.	

Telaprevir: week 16 safety findings

Patients, n (% patients with at least one event)	Telaprevir n=292
Anemia Grade 2 (8.0 – ≤9.0 g/dL) Grade 3/4 (<8,0 g/dL) EPO use Blood transfusion RBV dose reduction	55 (18.8%) 34 (11.6%) 157 (53.8%) 47 (16.1%) 38 (13.0%)
Neutropenia Grade 3 (500 – <750/mm³) Grade 4 (<500/mm³) G-CSF use	6 (2.0%) 2 (0.7%) 7 (2.4%)
Thrombocytopenia Grade 3 (20,000 – <50,000/mm ³) Grade 4 (<20,000/mm ³) Thrombopoïetin Use	28 (9.6%) 9 (3.1%) 4 (1.4%)



Boceprevir: week 16 safety findings

Patients, n (% patients with at least one event)	Boceprevir n=205
Serious adverse events (SAEs)*	67 (32.7%)
Premature discontinuation Due to SAEs	54 (26.3%) 15 (7.3%)
Death Pneumopathy	1 (0.5%)
Infection (Grade 3/4)	5 (2.4%)
Hepatic decompensation (Grade 3/4)	6 (2.9%)
Asthenia (Grade 3/4)	12 (5.8%)
Rash Grade 3/SCAR	0
Renal failure	0

Boceprevir: week 16 safety findings

Patients, n (% patients with at least one event)	Boceprevir n=205	
Anemia		
Grade 2 (8.0 – ≤9.0 g/dL)	48 (23.4%)	
Grade 3/4 (<8,0 g/dL)	9 (4.4%)	
EPO use	95 (46.3%)	
Blood transfusion	13 (6.3%)	All support of the second se
RBV dose reduction	22 (10.7%)	
Neutropenia		
Grade 3 (500 – <750/mm ³)	2 (1.0%)	and the second second and the second se
Grade 4 (<500/mm ³)	7 (3.4%)	
G-CSF use	9 (4.4%)	
Thrombocytopenia		
Grade 3 (20,000 – <50,000/mm ³)	10 (4.9%)	
Grade 4 (<20,000/mm ³)	3 (1.5%)	
Thrombopoïetin Use	2 (1.0%)	

Multivariate analysis: baseline predictors of severe complications*					
Predictors	OR	95%CI	<i>P</i> -value		
Platelet count ≤100,000/mm³	3.11	1.32-7.73	0.0098		
Serum albumin level <35 g/L	6.33	2.66-15.07	<0.0001		
* Death, severe infection and hepatic decompensation, n=32 (6.4%) Hezode C, et al. 63rd AASLD; Boston, MA; November 9-13, 2012; Abst. 51.					

Multivariate analysis: baseline predictors of anemia <8g/dL or blood transfusion *

Predictors	OR	95%CI	<i>P</i> -value	
Gender: Female	2.19	1.11-4.33	0.023	
No lead-in phase	2.25	1.15-4.39	0.018	
Age ≥65 years	3.04	1.54-6.02	0.0014	
Hemoglobin level ≤12 g/dL for female ≤13 g/dL for male	5.30	2.49-11.25	<0.0001	
* n=71 (14.3%)				
Hezode C et al 63rd AASI D: Boston MA: November C	13 2012 Abot 51			

Preliminary conclusions

- In this large cohort of compensated cirrhotic patients, the safety profile of TVR or BOC in triple combination was poor as compared with phase III trials (Increased rates of SAEs and more difficult management of anemia) but associated with high rates of on-treatment virologic response
- Risk / benefit ratio should be assessed in cirrhotic experienced patients with platelets count ≤100,000/mm³ or serum albumin level <35 g/L. These patients should be treated on a case by case basis due to high risk to develop severe complications
- However, cirrhotic experienced patients without predictors of severe complications should be treated but cautiously and carefully monitored

Hezode C. et al. 63rd AASLD: Boston. MA: November 9-13. 2012: Abst. 51