

Impact of Therapy in a Patient F1

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Case

58 YO Caucasian

Woman

Known HCV for 23

Years

Fatigue, Anxious

GT1a

HCV RNA 900,000

IU/mL

ALT 36 U/L

Other Blood Tests

USG Normal Liver

Liver Bx G1 S1

2004 Treated Peg/Riba 48 Wks – Relapsed
“Miserable” during therapy

2015 Sof/Led 8 Wks SVR
Marked symptomatic improvement
AST 18 U/L ALT 9 U/L

F1 patients

SVR on DAA combination

AGE	GT	ALT	LSM/BX	Problem	Outcome
22 M	3a	69	5.6	Severe Fatigue, Peripheral Neuropathy	Sx Resolved
25 F	1b	93	3.5	Wanted to become pregnant	Normal Pregnancy ALT15
29 F	1b	236	4.6 → 5.2	Wanted to become pregnant	Normal Pregnancy ALT 18
29 M	1a	31	4.0	Dx'd at age 6 Both parents cirrhotic	Asymptomatic
42 F	1a	59	4.8	Depression	Resolved
55 F	3a	52	5.9	Myalgias, Fatigue	Resolved ALT 21
56 F	1a	41	5.6	Depression	Resolved
57 F	1b	236	5.1	Failed Peg/Riba Arthralgias	Resolved ALT 18
58 F	1a	148	9.0	F1 2003 LSM 9 2015	ALT 13
65 F	1a	16	5.8, F1	Failed Peg/Riba ANA +, Fatigue, Arthralgias	Fatigue Resolved Arthralgias Persist
67 F	1a	46	5.8	ANA+, Fatigue, Arthralgias	Fatigue Persists, Arthralgias Persist. ALT 16
75 F	1b	29	3.3 → 4.4	Esophageal Lichen Planus	Resolved

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Conclusions

- All HCV F1 patients should be treated including asymptomatic ones
- Benefits of therapy
 - Quality of life improves
 - Extra hepatic manifestations can resolve
 - High rates of cure, cessation of fibrosis
- Limiting factor is not safety or efficacy, but access and cost