Safety and Effectiveness of Adjunctive Fenfluramine in an Open-Label Extension Study of Patients With **Dravet Syndrome**

? QUESTION

 Does long-term treatment with fenfluramine (FFA) for seizures associated with Dravet syndrome (DS) support an acceptable safety and tolerability profile and long-term effectiveness?

- Detailed methods have been reported previously¹
- Long-term safety was monitored in patients receiving ≥ 1 dose FFA
- FFA effectiveness was measured by the change in MCSF versus baseline in the modified intention-to-treat population
- CGI-I scores were used as a measure of global functioning

Study Design



Safety Data Summary Safety population, n (%)

Patients experiencing ≥ 1 TEAE

Non-cardiovascular TEAEs occurring in

Pyrexia

Nasopharyngitis

Decreased appetite

Blood glucose decreased

Diarrhea

Upper respiratory tract infection

Seizure

Patients experiencing ≥ 1 SAE

Patients experiencing ≥ 1 SAE related to

Any TEAE that led to discontinuation of

Any TEAE resulting in death^b

Any TEAE resulting in death related to

^aOne enrolled patient did not receive treatment and was excluded from the safety population. ^bAll deaths were sudden unexpected death in epilepsy, not related to FFA treatment. OLE, open-label extension; SAE, serious adverse event; TEAE, treatment-emergent adverse event.

Median Percent MCSF Change Throughout OLE



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	N=374 ^a
	367 (98.1)
$\geq 15\%$ of patients	
	112 (29.9)
	104 (27.8)
	100 (26.7)
	89 (23.8)
	73 (19.5)
	66 (17.6)
	58 (15.5)
	99 (26.5)
treatment	9 (2.4)
treatment	13 (3.5)
	3 (0.8)
treatment	0

Patients Meeting MCSF Reduction Thresholds of Interest Throughout OLE



MCSF, monthly convulsive seizure frequency.

Caregiver and Investigator CGI-I Scores at Final Visit



^aThere were no responses of "very much worse" by investigators. CGI-I, Clinical Global Impression of Improvement.

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E: CONCLUSIONS

- FFA treatment for up to 3 years in patients with DS was well tolerated, with no new or unexpected safety signals identified, and showed clinically significant, durable reductions in MCSF
- Global functioning scores by caregivers and investigators showed a majority of patients were "much improved" or "very much improved" from FFA treatment

References

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This is a summary of the main findings.

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