normal fructose absorption.

CONCLUSIONS: Fructose malabsorption is associated with lower tryptophan levels that may play a role in the development of depressive disorders. High intestinal fructose concentration seems to interfere with L-tryptophan metabolism, and it may reduce availability of tryptophan for the biosynthesis of serotonin (5hydroxytryptamine). Fructose malabsorption should be considered in patients with symptoms of depression and disturbances of tryptophan metabolism.

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