

Is bone marrow transplantation the ultimate treatment in aggressive disease? - Yes

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Aggressive MS usually means continued, damaging disease that will cause severe and irreversible disability. The 2 most outstanding features of aggressive disease is the amount of damaging inflammation and the rapidity with which it occurs. All current therapies can be effective for many non-progressive forms of MS, but none have been able to completely stop all ongoing inflammation. Patients with aggressive disease will often have tried and failed at least one of these therapies. With time being of essence, a full ablation of the immune system will remove the damaging autoimmune cells along with the rest of the immune system, thereby fully stopping the immune attack of the CNS. A new immune system derived from autologous stem cells is fully immunocompetent yet is immune tolerant of the CNS. The timing is key - interceding early enough before cumulative damage leads to unrelenting progression. Treatment related morbidity and mortality is now well below 1%.