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Evaluation of immune response to intravenously administered human cord blood stem cells in the treatment of symptoms related to chronic inflammation

BHI Therapeutic Sciences, LLC is a healthcare research and consulting company, dedicated to the development of stem cell therapies. Our scientific and medical teams are focused on IRB-approved protocols, designed to measure the safety and efficacy of intravenous, intra-articular, and intrathecal stem cell treatments. The purpose of our study is primarily to monitor the immune response in order to validate the safety of intravenous infusion of human umbilical cord blood derived MSCs (UC-MSCs), and secondly, to evaluate effects on biomarkers associated with chronic inflammation. Twenty patients were treated for conditions associated with chronic inflammation and for the purpose of anti-aging. They have been given one intravenous infusion of UC-MSCs. Our study of blood test markers of 20 patients with chronic inflammation

before and within three months after MSCs treatment demonstrates that there is no significant changes and MSCs treatment was safe for the patients. Analysis of different indicators of chronic inflammation and aging included in initial, 24-hours, two weeks and three months protocols showed that stem cell treatment was safe for the patients; there were no adverse reactions. Moreover, data from follow up protocols demonstrates significant improvement in energy level, hair, nails growth and skin conditions. Intravenously administered UC-MSCs were safe and effective in the improvement of symptoms related to chronic inflammation. Further close monitoring and inclusion of more patients are necessary to fully characterize the advantages of UC-MSCs application in treatment of symptoms related to chronic inflammation.

Biography

Muhammad Jamal Khan is an orthopaedic surgeon at fellow, International College of Surgeons. He is an orthopaedic surgeon and assistant professor at Good Samaritan Hospital. He studied postgraduate diploma in education at St Petersburg state medical academy in name of i.i.mechnikov. He studied at International medical university St Petersburg Russia. He went to govt Islamiyah high school sukkur. He lives in Toronto, Ontario. He is from Sukkur, Sindh.

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