

CELL & STEM CELL RESEARCH

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Autologous adipose stromal vascular fraction – lessons from 7 years of clinical experience

Since 2010, I've been involved with investigative deployment of autologous adipose stromal vascular fraction (SVF) and more recently, autologous expanded mesenchymal cells (MSCs). During this time Elliot Lander, MD and I have established an international network (Cell Surgical Network) that teaches physician affiliates a simple surgical procedure to harvest adipose tissue and produce filtered SVF. No surgical procedure is "closed" however, the process is very safe, fairly simple, and outcomes analysis has been very satisfactory. Our clinical investigations have not only shed light on potential uses, we have increased our understanding of how cells can be most effective and where there have been some disconnects between the laboratory evaluation and the actual treatment of patients. We have also learned lessons about what drugs do and how our autologous stem cells are fundamentally different from drugs, in spite of the current FDA regulations. I will present information about our published safety paper, current data, and some unique areas of research in concussion, paralysis and unique deployment methods for some neurological diseases.

Biography

Mark Berman practices cosmetic surgery and stem cell surgery in Beverly Hills. Together with Elliot Lander, they co-founded the California Stem Cell Treatment Center and then the Cell Surgical Network. He was the 2010 President of the American Academy of Cosmetic Surgery. His pioneering work in facial rejuvenation with autologous fat transfers led him into the arena of adipose stem cell investigations based upon a multidisciplinary approach to patient care.

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