

Dr. B. Pettke: Most of the pain that our patients are having, usually come to degenerated joints and degenerated cartilage, so we're talking about knee pain, shoulder pain, and we also do have those that have injuries, and then we also have those that have systemic pain. They're frustrated. They've got short tempers because of the pain. They're not as friendly. They don't want to be as sociable because it's just not fun being in pain.

Dr. B. Pettke: Usually before somebody comes to our clinic, they've gone through the litany of treatments that typically patients receive, from over-the-counter medications, to prescription medications, and they may have even had surgery that has failed and hasn't got the outcomes that they would like to have.

Dr. B. Pettke: Probably out of anything that we've added to the practice over the years, stem cells have had some of the most miraculous results. We've literally seen multiple people that have been kept from surgery, and we've just seen some major, just life changes.

Chris Fletcher: I don't know why, but I had bone on bone in my right leg partial. Bone on bone inside, and that was painful. It just handicaps you.

Dr. B. Pettke: Patients want out of pain, and they want to do it in a way that's long-lasting, and they want to do it in a way that doesn't have the side effects that some other options have.

Jan Boyd: The day after I got those stem cells, my pain level dropped dramatically and it continued to diminish to zero. It was just gone.

Dr. B. Pettke: Jan told me that after she had the stem cell injection, she was being able to get back to teaching piano, which is definitely a love of hers.

Dr. B. Pettke: What stem cells do is they go in and they basically home in to that area, and so the body gives off signals, stem cells go into that area and they start bringing in proteins, what are called cytokines and other secretions to help repair and regenerate the tissues. It's just like the body does with any other type of injury, but with stem cells we can essentially supercharge that process.

Dr. B. Pettke: The stem cells that we use here in the clinic are umbilical cord stem cells, and the reason why we chose to use those is because they are the youngest stem cells, and they are the most robust and lively stem cells. The average success rate for those that are stem cell candidates is we're seeing over a 90% success rate in the clinic, for those that are good candidates.

Dr. B. Pettke: The stem cells do not have to match your DNA, and they do not have to, we do not have to do a blood type matching as well. Any stem cell can be injected into any individual, and not have any immune response.

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Dr. B. Pettke: The cost involved with stem cells is the initial examination, which is typically covered by health insurance. And then after that, the stem cells are out of pocket, and they run in our clinic, 3,000 on the low end, up to about 5,500 on the top end.

Dr. B. Pettke: The cost of your average surgery, let's take a knee surgery for example. On the low end, \$50,000. On the upper end, over \$100,000. So stem cells are substantially less than surgery.

Chris Fletcher: When I first came in, I filled out this little sheet. It had a pain level, one through five. She says, "This is the one you filled out when you first came in. You're at a 78 pain level." She said, "This is the one you filled out today", and I was at a 27.