Common Stem Cell MYTHS

Myth #1. Many people worry that stem cells may cause overgrowth, leading to cancer or tumor formation.

Truth: As noted by [redacted], this is a problem associated only with embryonic stem cells. These tend to grow very rapidly. They can form a teratoma because of the rapid cell growth. Adult stem cells — the cells obtained from your own body or a donor's — have growth inhibitions and will not form teratomas.

It's important to know that since the 1930s, the medical community has been dosing cancer patients with stem cells. Is it unreasonable, then, to think that if there is truly an issue with applying stem cells to patients with cancer, we would know about it by now?

[redacted]

Myth #2: Using Stem Cells is unethical.

Truth: The medical field is fraught with worries about unethical practices. We cannot and will not try to dissuade your opinion or convince you otherwise as your own beliefs must guide your choices. We also do not take sides in public debates about these kinds of ethical questions, but in the case of Adult and Induced Pluripotent Stem Cells, we do call this particular myth into question. Why?

Embryonic Stem Cells have stirred quite an ethical controversy due to killing the human embryos from which they are derived. This is a valid ethical conversation. However, Adult Stem Cells and Induced Pluripotent Stem Cells are free of ethical controversy since they're made from donated material from a consenting adult (usually the person undergoing treatment). They also seem to be much more effective and have fewer side effects.

Myth #3: Stem Cell therapy carries [redacted].

Truth. This is unequivocally False. The medical community is focusing on the use of autologous sources of Adult and induced Pluripotent Stem Cells for therapy. "Autologous" refers to "of self" sources — those derived from the person receiving the stem cells. This means that [redacted] is almost non-existent. Even allogenic (from non-self or another donor) Stem Cells that are used in clinical trials have been proven to elicit [redacted].

How stem cell therapy helps people Eliminate Chronic Pain and Feel Decades Younger.

The first and most important question every patient must ask is: "has my doctor determined the underlying cause for the reason why my joint is damaged."

Unfortunately, this is often one of the most common problems missed when regenerative medicine is implemented. If you don't understand the cause of the damage to the joint in the first place, stem cell therapy, although very powerful in its own right, is only going to provide temporary solutions. Identifying the underlying cause of the condition and addressing it is our first step here at [redacted]. Addressing the root cause of injury allows the stem cell or regenerative medicine therapies to take hold and provides lasting ultimate change. Patients

visiting our office can expect to receive our world class, comprehensive physical orthopedic [redacted].

Here are just 9 areas where Stem Cell procedure can help your symptoms:

Back Pain

Anyone who has experienced back pain, whether just a gnawing spot or full shut down that renders them confined to their bed or couch, would be pleased to know that this area of research is showing promise. Yes, life after back pain is looking more and more possible with stem cell therapy.

Take famous golfer, Jack Nicklaus. Having been reported by [redacted] to have taken, "roughly 10 million swings with a golf club…" it's no wonder this athlete has experienced back pain. Unfortunately, he's had pain since before even going pro. Now, he is celebrating playing the game he loves, his pain much subsided.

And he's not the only one seeing extraordinary results with Advanced Stem Cell Therapy. As reported by [redacted] in his article with [redacted] Hockey player [redacted] was paralyzed on his right side. After millions of neural stem cells were injected into his spinal column, he rapidly began seeing improvement.

After successfully undergoing treatment for the cartilage in his knee, [redacted], pro Tennis Player, had stem cells injected into a damaged joint in his spine to repair the cartilage.

As this growing industry is seeing such tremendous results, [redacted] also reports that the FDA has approved the following four stem cell trials at Sanford Health:

- osteoarthritis of the knee,
- osteoarthritis of the wrist,
- rotator cuff tear, and
- facet joints.

It's about time. Chronic pain, back pain particularly, has been put on notice. There's a new treatment in town, and it's gaining the approval of those who now live their best lives with less pain.

2. Knee Pain

100 million. That's how many Americans are suffering from chronic knee pain.

Can stem cell therapy offer hope? Research would suggest that yes, it can. [redacted] cites 14 major league athletes who have successfully undergone stem cell therapy for knee pain and injuries. [redacted] was one of the early athlete pioneers to benefit from stem cell powered joint regeneration therapy.

Complications and/or conditions include:

- ✓ Knee medial collateral ligament sprain
- ✓ Speed up recovery from knee surgery
- ✓ Chronic knee pain
- ✓ Inflammation
- ✓ Knee degeneration
- ✓ Meniscus injury resulting in significant loss of cartilage in the knee

This certainly gives us reason to believe that knee pain is not only manageable, but also curable.

Migraines

When a migraine strikes, it can take down the strongest person, no matter their physical health and prowess. From reducing victims from painfully trying to get through a migraine, to collapsing on the bed in a dark room, migraines are responsible for [redacted] disability. The condition affects about [redacted], as reported by [redacted] in the US National Library of Medicine, National Institutes of Health.