

# Real vs Fake Orthopedic Stem Cell Treatment...

## How can you tell the difference?

### Website



Fake? The website has few details, other than to get your email or phone to book an appointment or seminar. Google the address listed and you'll also find another clinic there, usually a chiropractic office. Also, it may be impossible to find any specialist physician and his or her bio listed.

Real? The website has extensive details with hundreds or thousands of pages of content. There is only one clinic at the address and it's easy to find the qualifications of the specialist physicians involved.

### Source of Stem Cells



Fake? Amniotic or cord blood "stem cells" are featured, without mentioning that these products are regulated by the FDA to be nonviable (dead) cell products. A "quickie" bone marrow procedure may also be offered, where the doctor neglects to centrifuge the marrow.

Real? The doctor uses centrifuged bone marrow.

### Facility



Fake? The procedure is performed in a chiropractor's office

Real? The procedure is performed in a dedicated procedure room with fluoroscopy (real time x-ray), ultrasound, a crash cart, sealed floors, oxygen, etc...

### Who does the procedure?



Fake? The procedure is performed by a nurse practitioner or physician's assistant in a chiropractor's office

Real? The procedure is performed by a specialist physician who has completed training through the Interventional Orthopedics Foundation (see [www.interventionalorthopedics.org](http://www.interventionalorthopedics.org)) or a comparable organization.

### How is the procedure performed?



Fake? The procedure is performed blind without any imaging guidance.

Real? The procedure is performed using fluoroscopy and/or ultrasound guidance to ensure that the stem cells are precisely placed in the correct spot.

### Which conditions are treated?



Fake? The clinic treats all sorts of problems including orthopedics, neurologic, cardiac, pulmonary, etc.,.

Real? The clinic only treats orthopedic conditions..

### Dose?



Fake? Again, note that amniotic and cord blood treatments have no viable stem cells, so dose in this context is irrelevant. The clinic performing the procedure should be able to let you know the exact cell dose obtained.

Real? The clinic determines the cell dose for every stem cell treatment performed and uses that information to adjust the therapy accordingly.