

Magnets and Pain Relief Project

1b. The mean % difference is 0.0101 or 1% difference. The range is s 1 point difference. The distribution is similar. The groups are the same because no treatment has been administered yet. All of the patients in the study have the same pain levels.

2b. The mean is 4.02. The range is a 4 pt difference. The distribution is not similar. The groups are different because the mean of the active magnets is 48% less than the mean of the placebos. In the post test a lot of pain was reported.

3b. The mean is 4.11. If a patient got a 10 in change, it means that the treated worked or they had pain relief. If they got a 1, that meant that no pain was reduced. In the magnet group people showed a different reaction for the pain level. The placebo group was much lower than the mean in the active group. The difference is 50% had pain relief and 14% did not show that they had any pain relief from the pre to post testing.

4. These statistics support the research that magnets do help relieve pain. In all of the studies and tests where the magnet treatment was used, patients being treated with magnets reported less pain than the patients receiving the placebo. For example, on test #3, 50% of the magnet patients had less pain than before. It also showed a decrease in pain from the pre to the post testing to show that the magnets did help relieve pain.

I think that while this study does prove that magnets help subside some types of pain, it does not completely eradicate all pain, and it may not always work. This data can only be used to a certain limit, and it could be affected by how the patients feel, they could think that the magnet is helping them so they report less pain, even though it really is not helping them. This is a good study, it works well to test unknown theories without bias and helps provide extensive evidence to either support or deny the hypothesis. The study is successful and well developed to use for this kind of research.

I think the study is based on how the patients feels and their own rating of the pain. Some people don't understand a pain scale sometimes, and just pick a number. Pain levels are different depending on every individual. Some people are more sensitive than others.