



PEMFs AND STEM CELLS

COURSE OUTLINE

DRPAWLUK.COM

Medical authority on Magnetic Field Therapy

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This is a video course on the use of PEMFs for stem cell therapy. This course shows some of the basic actions of PEMFs necessary to understand the potential for PEMF therapy and tissue regeneration. The Course reviews the many different actions of PEMFs on stem cells and discusses why PEMF therapy should be used together with stem cell therapy for the best results.

1. Case report
2. Personal journey
3. Cell injury model
4. PEMFs versus EMFs
5. Difference between a static magnet and a PEMF
6. How a PEMF is created
7. Faraday's law
8. PEMFs induced current conductivities by tissue
9. PEMF induced currents by tissue
10. Newton's inverse square law
11. Magnetic field penetration of the body
12. Intensity matters
13. Intensity needed to deliver 15 Gauss in the body
14. Magnetic field intensity and inflammation study
15. Advantages of magnetic field therapy
16. Basic biologic actions of PEMFs
17. Treatment benefits of PEMFs
18. PEMFs and ATP
19. PEMFs and adenosine receptors
20. Optimal PEMF intensity for adenosine receptor stimulation
21. Neural stem cell stimulation study
22. Optimal treatment time
23. Mesengenic process
24. Dynamic path of injected mscs
25. Effects of PEMFs on stem cells
26. PEMF effect alterations in cell cycle
27. Distribution of a magnetic field



28. High intensity magnetic field and neural stem cell proliferation

29. Epidermal stem cell stimulation over time

30. PEMF stimulation of adipose stem cells for chondrogenesis

31. Stem cell therapy in cardiology

32. Various PEMF effects on stem cells

33. PEMF stimulation of Wnt/ β -catenin for various effects

34. References for various PEMF actions on stem cell cycle stimulation

35. PEMF promotion of stem cell migration

36. Extent of stem cell proliferation over time and frequency variation

37. How to use PEMFs for stem cell therapy

38. PEMF devices that should not be considered

39. FDA approved PEMF devices

40. PEMF buyer's guide

41. Supercharge Your Health with PEMF Therapy book

42. Specific PEMF physiologic actions

43. Recommended PEMF devices by intensity and area of treatment

44. Home versus professional treatment

45. Common PEMF applications

46. Referral Partner Program

47. Equipment financing options