

Magnetotherapy affects oxygen transportation by the hemoglobin

Hemoglobin determined as Hb or HGB is stained red protein contained in erythrocytes. Its primary function is oxygen transportation.

Oxygen molecules are attached in the lungs and they are released in the tissues. Hemoglobin contains iron Fe^{2+} , which allows for the connection up to four oxygen molecules. Because iron is a ferromagnetic substance, an alternating magnetic field changes the way of moving hemoglobin molecules.

