

## **Factors Affecting the Relationship Between Human Intentionality and the Hemolysis of Red Blood Cells**

### **Results:**

The purpose of the experiment was to see if participants (Ps) could psychokinetically retard the hemolysis of red blood cells from a nearby room. 20 spiritual healers completed 2 sessions and 40 non-healers 1 session. Hemolysis was induced by adding 50 µl of blood to 3ml of .425% physiological saline solution in a cuvette and was measured by a spectrophotometer. Each session included 2 counterbalanced test and baseline runs, each containing 8 1-min trials. Influence was attempted only on trials 4 and 5 of the test run; all other trials were control. Overall hemolysis scores were nonsignificant and did not differ significantly between healers and non-healers. Results were not directly affected by whether the manipulated DC component of the geomagnetic field (GMF) around the cuvette was present or absent. Consistent with a previous finding, ambient GMF 1 day before the test session was suggestively higher for retardation than acceleration 1st sessions ( $p = .081$ , 1-t). Healers scored significantly higher than non-healers on the Spiritual Transcendence Scale (STS), and high STS non-healers expressed the most confidence in task success. There were 2 significant post-hoc effects in 1st sessions. Non-healers under age 31 tended to retard hemolysis while those over 34 tended to accelerate it. The 2nd finding involved the combined test and baseline runs but is a psi effect because the hemolysis tester was blind to run order. Ps who received the test run 1st significantly retarded hemolysis if the manipulated GMF was off and significantly accelerated hemolysis if the GMF was on. The effect in the GMF-off condition was significantly stronger for Ps with "thin" boundaries on a short form of the Hartmann Boundary Questionnaire.

### **Published work:**

Palmer, J., Baumann, S., & Simmonds, C.A. (2005). Factors affecting the relationship between human intentionality and the hemolysis of red blood cells. *Proceedings of Presented Papers: The Parapsychological Association 48th Annual Convention*, pp. 119-130.

Palmer, J., Simmonds-Moore, C. A., & Baumann, S. (2006). Geomagnetic fields and the relationship between human intentionality and the hemolysis of red blood cells. *Journal of Parapsychology*, 70, 275-301.

Palmer, J., Simmonds-Moore, C., & Baumann, S. (2006). Geomagnetic fields and the relationship between human intentionality and the hemolysis of red blood cells. *Journal of Parapsychology*, 70(2), 275-301.

Os textos são da exclusiva responsabilidade dos autores  
*All texts are of the exclusive responsibility of the authors*

## **Researchers' Contacts:**

John Palmer, Ph.D.,  
Neurology Clinic  
University Hospital Zürich  
Frauenklinikstr. 26, 8091 Zürich  
Switzerland  
Phone: +41 1 255 55 71  
Fax: +41 1 255 44 29  
E-mail: [john.palmer@usz.ch](mailto:john.palmer@usz.ch)