sure decreased significantly during the training period. An attempt was made to explain this paradox on the basis that a) since variations in systolic and diastolic pressure are correlated, decreases in the latter were often incidently reinforced, and b) the greater variability of systolic pressure, together with the small sample size, precluded statistical significance.

Finally, there remains the matter of the relationship of stress level to both patients' initial blood pressure and their ability to decrease pressure during feedback training. Contrary to our initial expectations, stress level does not appear to be a useful construct in accounting for individual differences in the effectiveness of biofeedback training, while it does appear to be related to level of hypertension. However, because of the lack of sophistication of the measurement techniques employed in this study, these findings must be regarded as preliminary.

REFERENCES

- Benson, H., Shapiro, D., Tursky, B., & Schwartz, G. Decreased systolic blood pressure through operant conditioning techniques in patients with essential hypertension. *Science*, 1971, 173, 740-742.
- Elder, S., Ruiz, L., Deabler, H., & Dillenkoffer, R. Instrumental conditioning of diastolic blood pressure in essential hypertensive patients. *Journal of Applied Behavior Analysis*, 1973, 6, 377-382.
- Goldman, H., Kleinman, K., Snow, M., Bidus, D., & Korol, B. Correlation of diastolic blood pressure and cognitive dysfunction in essential hypertension. Diseases of the Nervous System, 1974, 35, 571-572.
- Goldman, H., Kleinman, K., Snow, M., Bidus, D., & Korol, B.

- Relationship between essential hypertension and cognitive functioning: Effects of biofeedback. *Psychophysiology*, 1975, 12, 569–573.
- Kristt, D., & Engel, B. Learned control of blood pressure in patients with high blood pressure. *Circulation*, 1975, 51, 370-378.
- Shapiro, D., Tursky, B., Gershon, E., & Stern, M. Effects of feedback and reinforcement on the control of human systolic pressure. *Science*, 1969, 163, 588-590.
- Tursky, B., Shapiro, D., & Schwartz, G. Automated constant cuff pressure system to measure average systolic and diastolic blood pressure in man. *IEEE Transactions on Bio-medical Engineering*, 1972, 33, 301-321.

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Announcement

EIGHTH ANNUAL MEETING BIOFEEDBACK RESEARCH SOCIETY

From March 4th through March 8th, 1977, the Eighth Annual Meeting of the Biofeedback Research Society will be held in Orlando, Florida, at the Sheraton Towers Hotel.

Deadline for abstracts: October 1, 1976. Address inquiries to: Edward Taub, Ph.D., Institute for Behavioral Research, 2429 Linden Lane, Silver Spring, MD 20910.

Three 2-day workshops will be held on March 9 and March 10 at the Sheraton Towers Hotel on the following subjects: Neuromuscular Re-education, Headache, and Autogenic Training. The first two workshops will include extensive reviews of the anatomy and physiology of relevant systems and the pathophysiology of target disease categories. All three workshops will provide training in the administration of techniques. A tuition payment will be required for workshop participation.