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COVER

Individual cortisol patterns of eight chronically maintained adult rhesus monkeys; the fast-frequency ultradian rhythm is obvious to the eye. When time-series analysis was applied to these fluctuations, they were found to be synchronized among monkeys, to have a predominant periodicity of 85 to 90 minutes, and to be relatively independent of ACTH concentrations. See page 56. [Benjamin Natelson and Division of Medical Audio Visual Services, Walter Reed Army Institute of Research, Washington, D.C.]