



U.S. RELAY SATELLITE TRANSMITS BRAIN WAVES

The use of satellites to transmit medical data around the world is foreseen as the result of a recent demonstration in which the United States Relay Satellite linked two medical centers across the Atlantic Ocean. In this demonstration, electroencephalograms (brain-wave records) made at the Barden Neurological Institute in Bristol, England, were transmitted to the Mayo Clinic in the Midwestern U.S. city of Rochester, Minnesota. The brain-wave record was transmitted from Bristol to Gosshilly, England, by telephone; from Gosshilly to Nutley, New Jersey, by Relay satellite; from Nutley to Rochester, Minnesota, by telephone and recorded on tape. At the receiving end, an analysis of the brain waves was made and transmitted back to England within one minute.

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SCIENCE - ARTIFICIAL SATELLITE - RELAY