

Mayo Clinic Medical Edge

*How Does DBS Work?*

1:00

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Audio

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| <b>Intro with music</b>                        | GIVING YOU THE EDGE ON HEALTHY LIVING, HERE'S MAYO CLINIC'S MEDICAL EDGE.  |
|  | IF YOUR HEARTBEAT IS ERRATIC, A PACEMAKER CAN SHOCK IT BACK INTO RHYTHM. IT'S THE SAME IDEA FOR DEEP BRAIN STIMULATION OR D-B-S.   |
| <b>Jerry Evidente, M.D.<br/>Track 1 (3:47)</b> | "WE USE THE WORD JAMMING INSTEAD OF SHOCKING THE BRAIN."   |
|  | THE JAMMING, EXPLAINS MAYO CLINIC DR. JERRY EVIDENTE, SHORT-CIRCUITS <u>ABNORMAL</u> ELECTRICAL BRAIN ACTIVITY. ACTIVITY THAT CAUSES MOVEMENT DISORDERS SUCH AS PARKINSON'S DISEASE. SMALL |

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|   | <p>PROBES OR ELECTRODES ARE IMPLANTED INTO THE AREA OF THE BRAIN WHERE THE ABNORMAL ELECTRICAL ACTIVITY IS TAKING PLACE. A SEPARATE DEVICE, IMPLANTED BENEATH THE COLLAR BONE, SENDS MILD SHOCKS THROUGH THE ELECTRODES. THIS BRINGS BRAIN ACTIVITY BACK INTO RHYTHM, AND THE ABNORMAL MOVEMENTS IMPROVE.</p> |
| <p><b>Dr. Evidente</b><br/><b>Track 1 (15:40)</b></p> | <p>“A LOT OF PATIENTS SAY IT IS LIFE CHANGING FOR THEM.”</p>  |
|   | <p>DEEP BRAIN STIMULATION ISN'T FOR EVERYONE. FOR NOW, IT'S ONLY USED WHEN ALL OTHER FORMS OF DRUG TREATMENT HAVE FAILED.</p>   |
|   | <p>FOR MORE INFORMATION, TALK TO YOUR DOCTOR OR VISIT <a href="http://MAYOCLINIC.ORG">MAYOCLINIC.ORG</a>. I'M VIVIEN WILLIAMS.</p>  |
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