

# OHSU Comprehensive Epilepsy Center

OREGON'S HIGHEST LEVEL OF CARE FOR COMPLEX EPILEPSY TREATMENT

## Ground-breaking research leads to new treatments for your patients

OHSU is the only hospital in the region to offer an innovative procedure recently approved by the FDA to treat patients with medically refractory partial epilepsy: The RNS® System. The RNS® System is the first closed-loop responsive brain stimulation system that treats partial onset seizures by detecting specific types of electrical activity through leads containing electrodes placed near the patient's seizure foci. When abnormal activity occurs, the device delivers small bursts of electrical stimulation intended to reduce the frequency of seizures. The RNS® System shows great promise as a new approach to treating medically refractory epilepsy.

To refer a patient or consult with our providers, please call the OHSU Physician Consult & Referral Service at **800 245-6478**.

The OHSU Comprehensive Epilepsy Center is a multidisciplinary group of physicians, nurses, psychologists and neuroscientists dedicated to the evaluation and treatment of epilepsy. The only university-based epilepsy program in Oregon, the center provides comprehensive clinical care, innovative research and consultation to physicians throughout the region.

The OHSU Comprehensive Epilepsy Center is also the only epilepsy program in Oregon with Level Four Epilepsy Center status. Designated by the National Association of Epilepsy Centers, this prestigious honor is the highest status bestowed upon an epilepsy program, demonstrating advanced technology, knowledge and expertise.

## Complete range of services

- Expert consultations regarding seizures or spells
- Video seizure monitoring
- EEG and imaging services onsite
- Medical and neurosurgical treatment options
- New treatments resulting from the latest in epilepsy research
- State-of-the-art dedicated inpatient seizure monitoring and evaluation unit designed for the specific needs of patients with epilepsy
- Outpatient epilepsy clinic
- Onsite laboratory facilities

## Expert and experienced team

- Epilepsy fellowship-trained neurologists
- Neuropsychologists
- Neuroradiologists
- Neurosurgeons
- Nurses
- Pharmacologists
- Psychiatrists
- Rehabilitation therapists

## Surgical expertise offers your patients more options

For your patients with medically intractable seizures, surgery to remove epileptogenic (seizure focus) areas of the brain may provide a viable solution. Our team of neurosurgeons are experts at the most advanced surgical procedures, including the use of stereotactic computer-assisted navigational planning and guidance.



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