**Epilepsy Surgery Cost in India**
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(NeuroPlus Epilepsy & Parkinson’s Clinic - Dr. Siddharth Kharkar)

# **Simple Evaluation cost**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Procedure** | **Cost in INR** | **Cost in USD** | **Planned?** | **Anticipated cost** |
| 3 Tesla MRI | Rs. 12,000 | USD 145 |  |  |
| PET scan & PET-MRI fusion | Rs. 15,000 | USD 180 |  |  |
| Video-EEG monitoring (per day) | Rs. 30,000 | USD 360 |  |  |
| functional MRI (fMRI) | Rs. 12,000 | USD 145 |  |  |
| Neuropsychological & Psychiatry Assessment | Rs. 6,000 | USD 70 |  |  |
| **TOTAL COST** |  |

# **Complex Evaluation cost**

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| --- | --- | --- | --- | --- |
| **Procedure** | **Cost in INR** | **Cost in USD** | **Planned?** | **Anticipated cost** |
| MEG scan | Rs. 20,000 | USD 240 |  |  |
| SPECT scan - Scan itself | Rs. 30,000 | USD 360 |  |  |
| SPECT scan - the cost of monitoring per day | Rs. 30,000 | USD 360 |  |  |
| **TOTAL COST** |  |

# **Stereo-EEG – Extremely Complex Evaluation cost**

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| --- | --- | --- | --- | --- |
| **Procedure** | **Cost in INR** | **Cost in USD** | **Planned?** | **Anticipated cost** |
| CT angiogram & co-registration to MRI | Rs. 20,000 | USD 240 |  |  |
| Cost of each EEG electrode | Rs. 40,000 | USD 480 |  |  |
| Cost of the procedure (of inserting electrodes) | Rs. 1.5 Lakh | USD 1800 |  |  |
| Video-EEG monitoring (per day) | Rs. 30,000 | USD 360 |  |  |
| **TOTAL COST** |  |

# **Resective (Removal) Epilepsy surgery cost in India**

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| --- | --- | --- | --- | --- |
| **Procedure** | **Cost in INR** | **Cost in USD** | **Planned?** | **Anticipated cost** |
| Resective (Removal) surgery **with** Electrocorticography (Ecog) | Rs. 2.5 Lakh | USD 3000 |  |  |
| Resective (Removal) surgery **without**Ecog | Rs. 2 Lakh | USD 2400 |  |  |

# **Vagus Nerve Stimulation (VNS) surgery cost in India**

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| --- | --- | --- | --- | --- |
| **Procedure** | **Cost in INR** | **Cost in USD** | **Planned?** | **Anticipated cost** |
| VNS procedure cost (cost of placement) | Rs. 1.5 Lakh | USD 1800 |  |  |
| VNS device cost -Demipulse | Rs. 8.5 Lakh | USD 10,000 |  |  |
| VNS device cost - Aspire SR | Rs. 10.5 Lakh | USD 12,500 |  |  |
| VNS device cost - Sentiva (newest model) | Rs. 14.5 Lakh | USD 17,500 |  |  |

# **Other Epilepsy surgery cost in India**

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| --- | --- | --- | --- | --- |
| **Procedure** | **Cost in INR** | **Cost in USD** | **Planned?** | **Anticipated cost** |
| Deep Brain Stimulation (DBS) | Rs. 12 Lakh | USD 14,500 |  |  |
| Responsive Neurostimulation (RNS) | NA | NA |  |  |
| Corpus Callosotomy | Rs. 2 Lakh | USD 2,500 |  |  |
| Multiple Subpial Transections -MST | Rs. 2 Lakh | USD 2,500 |  |  |

## **TOTAL COST OF EPILEPSY SURGERY IN INDIA**

|  |  |
| --- | --- |
| Table 1 Cost |  |
| Table 2 Cost |  |
| Table 3 Cost |  |
| Table 4 Cost |  |
| Table 5 Cost |  |
| Table 6 Cost |  |
| **Total cost of Epilepsy surgery in India** |  |