

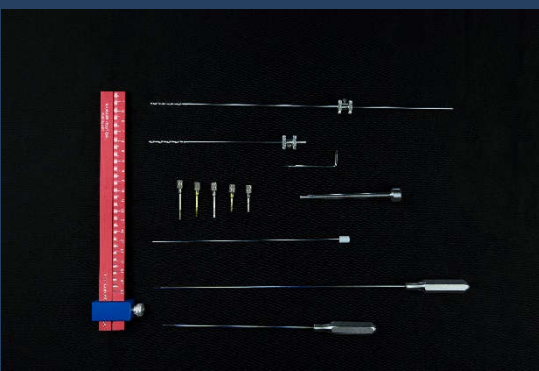
sEEG Depth  
Electrodes &  
Placement Accessories





## Our Mission

Ad-Tech is dedicated to helping Surgeons deliver optimal outcomes for their patients. Physicians count on Ad-Tech's state of the art sEEG depth electrodes for excellence, support and innovation. Ad-Tech devices are manufactured in the US and used by healthcare providers worldwide to record, monitor and stimulate subsurface levels of the brain.



Ad-Tech placement accessories are crafted to ensure a smooth and precise procedure and the best possible patient outcomes. All products are specifically designed for use in stereotactic procedures and are supplied sterile unless stated otherwise.

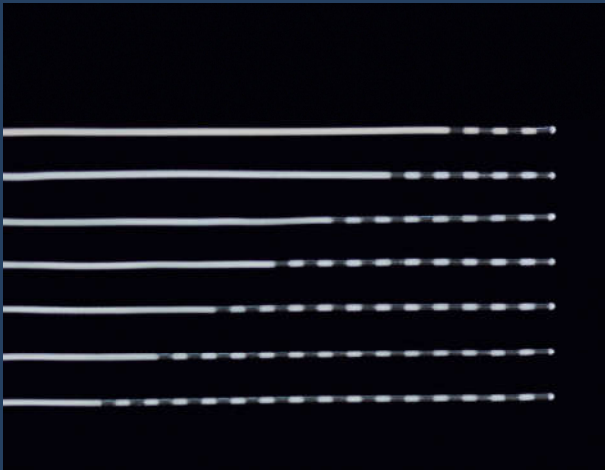
**Ad-Tech offers the only FDA cleared MR Conditional sEEG depth electrodes and anchor bolts available in the market.**



## Glossary

- 5 Reduced Diameter Depth Electrodes
- 6 Standard Spencer Depth Electrodes
- 8 Placement Accessories

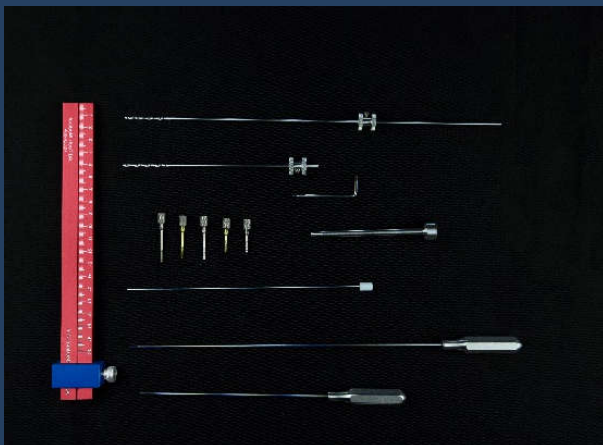
# Why choose The Ad-Tech sEEG System?



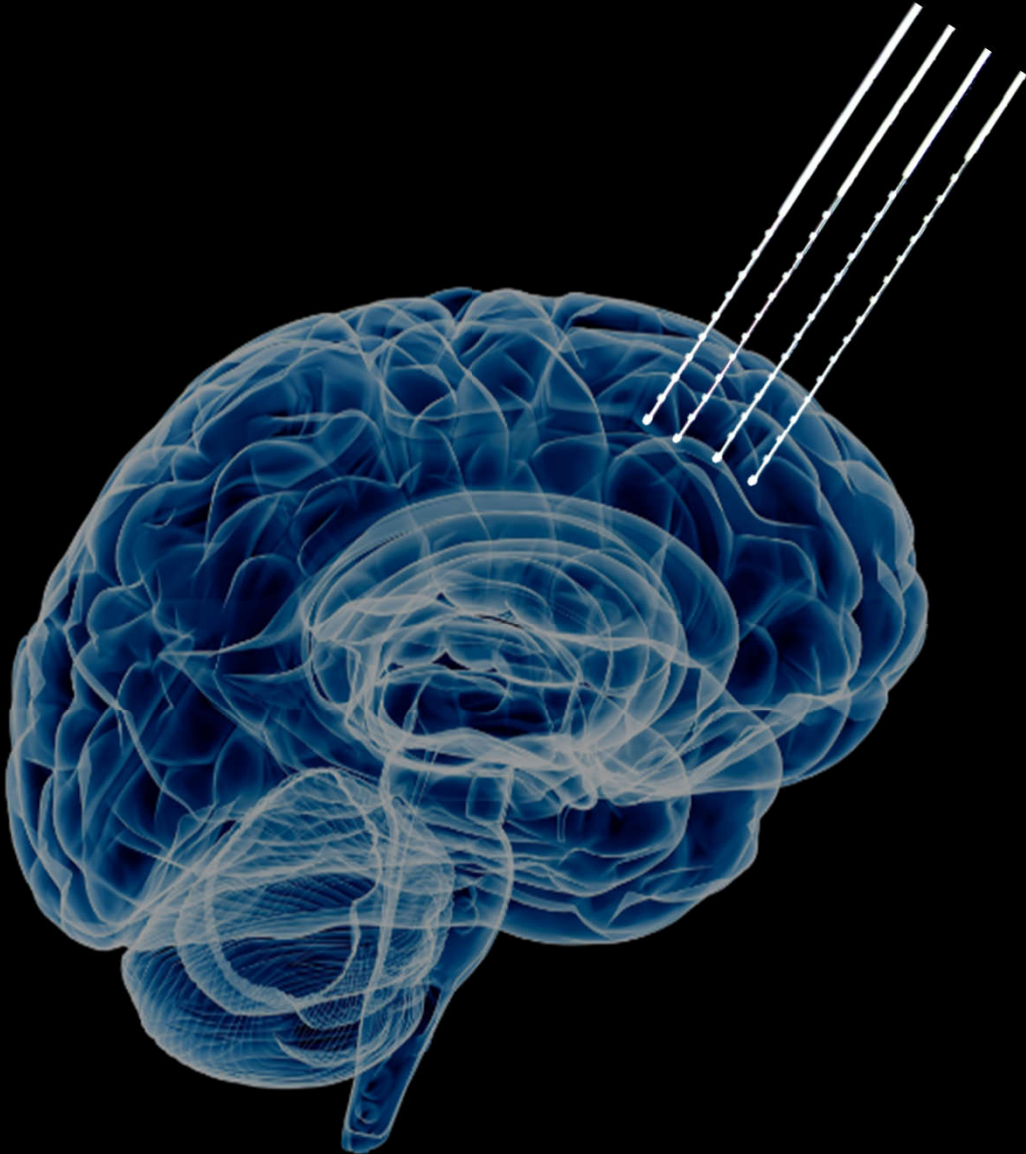
## Key Features

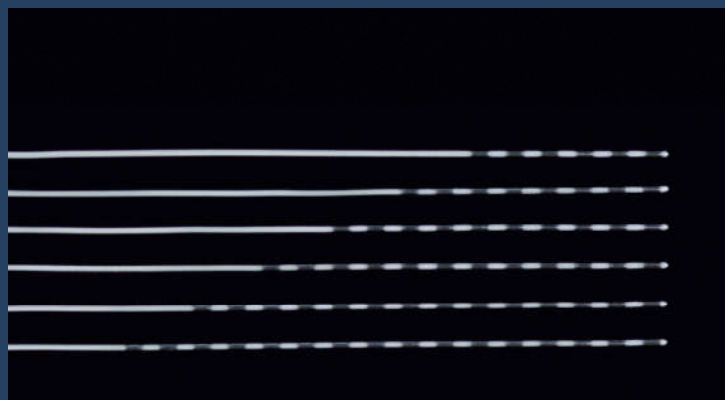
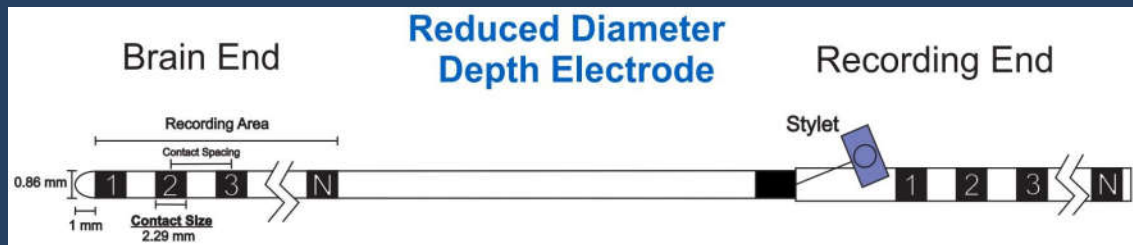
- MR-Conditional depth electrodes
- MR-Conditional anchor bolts
- High quality, high performance products
- Superior Customer Service
- Unmatched Clinical and Sales Support
- Longest recording area option available in the market
- Widest variety of sEEG electrode options
- Complete placement set for stereotactic procedures
- Minimally invasive

Features	Advantages
26 unique configurations	Maximize recording area capabilities
Platinum contacts and wires	Improved signal capturing
HD spacing	Reduce missed signals
190 mm electrode mark	Eliminates need to measure each trajectory
3-10 mm spacing options	Capture range of trajectories



# sEEG Depth Electrodes





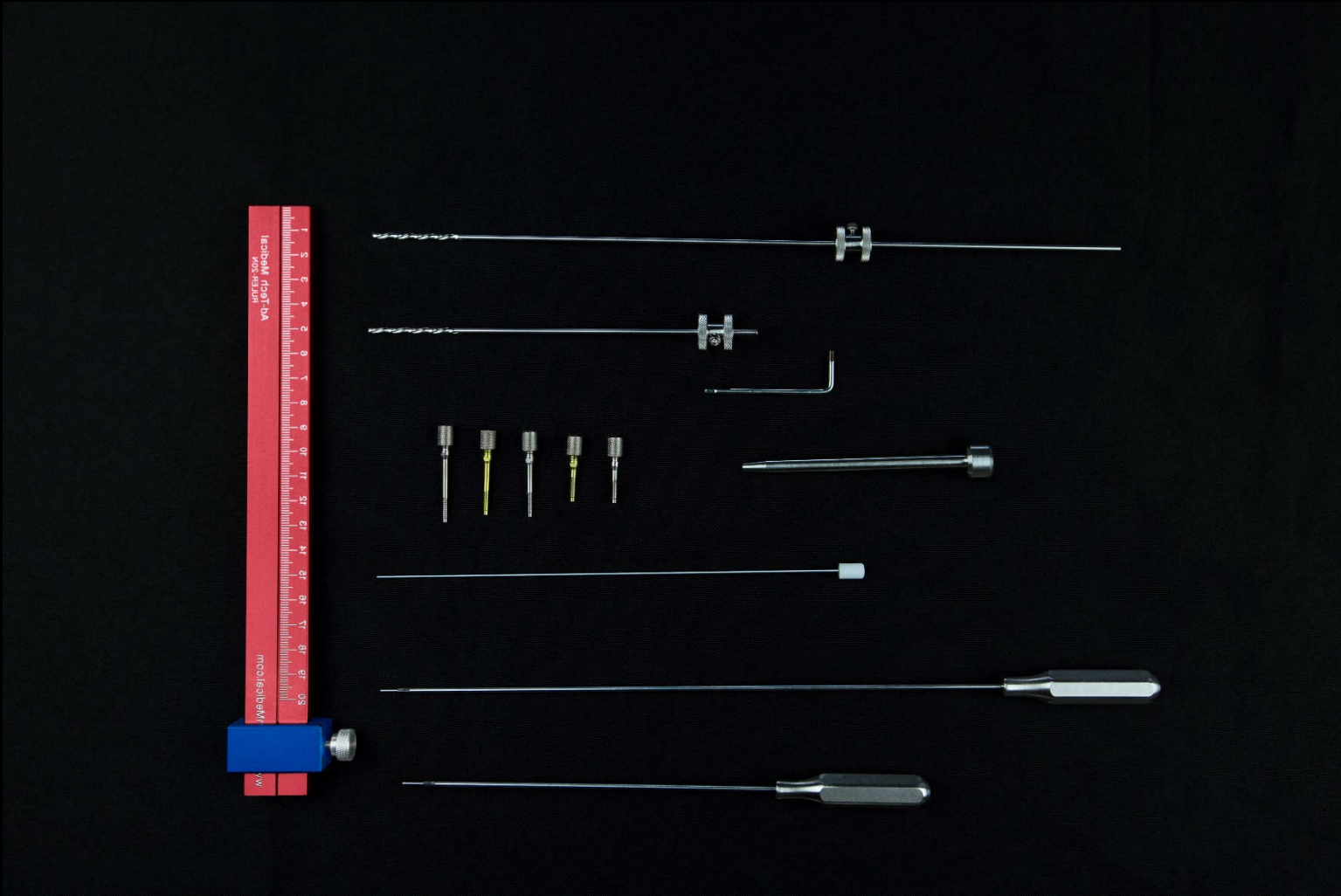
## Features:

- MR-conditional
- 2.29 mm contact length
- Stimulation parameters included
- Thinner 0.86 mm diameter
- Variety of spacing options
- 6-16 Platinum contact options
- Removable stylet
- 190 mm depth mark
- Up to 29 days implantation
- Unique color and number identifier

Part Number	# of Contacts	Contact Spacing	Recording Area	Overall Depth Length
<b>6 Contact Options</b>				
RD06R-SP05X-000	6	5 mm	27 mm	370 mm
<b>8 Contact Options</b>				
RD08R-SP04X-000	8	4 mm	30 mm	380 mm
RD08R-SP05X-000		5 mm	37 mm	
<b>10 Contact Options</b>				
RD10R-SP03X-000	10	3 mm	29 mm	390 mm
RD10R-SP04X-000		4 mm	38 mm	
RD10R-SP05X-000		5 mm	47 mm	
RD10R-SP06X-000		6 mm	56 mm	
RD10R-SP07X-000		7 mm	65 mm	
RD10R-SP08X-000		8 mm	74 mm	
<b>12 Contact Options</b>				
RD12R-SP03X-000	12	3 mm	35 mm	400 mm
RD12R-SP05X-000		5 mm	57 mm	
<b>14 Contact Options</b>				
RD14R-SP03X-000	14	3 mm	41 mm	410 mm
RD14R-SP05X-000		5 mm	67 mm	
<b>16 Contact Options</b>				
RD16R-SP03X-000	16	3 mm	47 mm	420 mm
RD16R-SP05X-000		5 mm	77 mm	



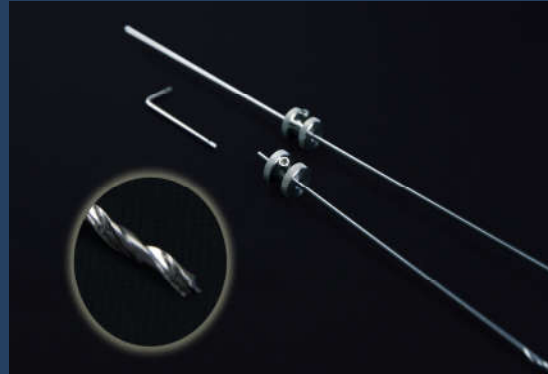
# sEEG Placement Accessories



# sEEG Electrode Placement Tools

## Disposable

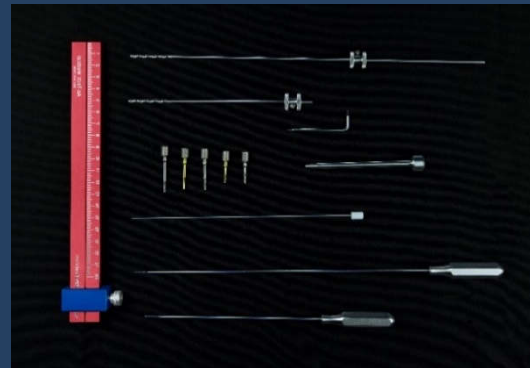
- Single use
- Supplied in kits
- Supplied sterile



Part Number	Description	For Use With
DDK2-2.4-30X	Stainless steel drill kit with bone drill & drill stop, 30 cm length, 2.4 mm diameter.	LSB series anchor bolts
DDK2-2.4-16X	Stainless steel drill kit with bone drill & drill stop, 16 cm length, 2.4 mm diameter.	LSB series anchor bolts

## Reusable

- Multiple uses
- Supplied in kits
- Supplied sterile & nonsterile



Part Number	Description	For Use With
RULER-20N	20 cm channeled ruler with stop, supplied nonsterile	RD & SD Depths
LSB-PWL-2.4-10X	Anchor bolt placement/removal wrench, 25.4 cm length	LSB series anchor bolts
LSB-PWL-2.4-6X	Anchor bolt placement/removal wrench, 15.2 cm length	LSB series anchor bolts
OB-20-190X	190 mm length, 20 gauge obturator to make track inside of brain, 0.86 mm diameter	RD & SD Depths
OB-17-240X	240 mm length, 17 gauge obturator to make track inside of brain, 1.17 mm diameter	SD Depths
SCSG-90-2.18N	Stainless steel slotted cannula guide, nonsterile	SD depths
2SCK1-240X	240 mm two component slotted cannula, 2.11 mm diameter	SD depths
2SCK1-190X	190 mm two component slotted cannula, 2.11 mm diameter	SD depths

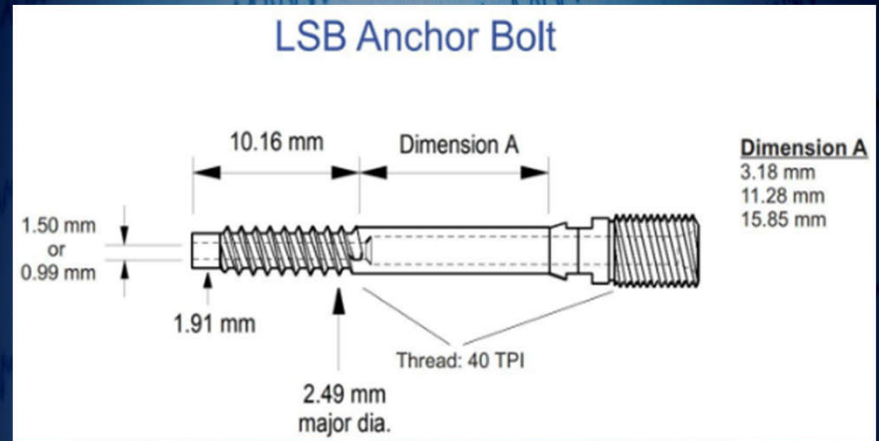
# sEEG Electrode Accessories

## Anchor bolts

Features:

- **MR-Conditional**
- Titanium body
- Variety of length options
- Secure Internal gasket to prevent CSF leak
- Increased taper
- Silicone cap

Part Number	Internal Gasket	Internal Diameter	Post Length
<b>RD Electrode Bolts</b>			
LSBK2-AX-04	<b>Blue</b>	<b>0.99 mm</b>	<b>21 mm</b>
LSBK2-BX-04			<b>13 mm</b>
LSBK1-CX-04		<b>1.5 mm</b>	<b>26 mm</b>
<b>SD Electrode Bolts</b>			
LSBK1-AX-05	<b>Green</b>	<b>1.5mm</b>	<b>21 mm</b>
LSBK1-BX-05			<b>13 mm</b>
LSBK1-CX-05			<b>26 mm</b>



## Cabling Systems

Features:

- Please reference the Ad-Tech electrode cabling systems brochure for available options







# Contact Us

**FOR ALL INQUIRIES AND ADDITIONAL  
INFORMATION CONTACT AD-TECH MEDICAL  
INSTRUMENT CORP.**



400 W. Oakview Pkwy,  
Oak Creek, WI 53154  
E: [customersupport@adtechmedical.com](mailto:customersupport@adtechmedical.com)  
Toll Free (USA): 800-776-1555  
P: 262-634-1555 F: 262-634-5668

[www.adtechmedical.com](http://www.adtechmedical.com)

MKTG-4013, Rev. B  
Ad-Tech© 2023

