

<b>EEG-CE Electrode Recommendations</b>	
<b>S</b>	<p><b><u>Situation:</u></b> The Infection Prevention team and SPRQOC (Sterilization and Reprocessing Quality Oversight Committee) recommend moving toward <b>single-use EEG-CE</b> in place of the reusable ones. Reusable electroencephalography cup electrodes (EEG-CE) pose a risk of infection due to cross-contamination, which can be eliminated by replacing reusable EEG-CE with single-use EEG-CE.</p>
<b>B</b>	<p><b><u>Background:</u></b> According to the MIFU for the Natus Reusable EEG Silver and Ag/AgCl Cup Electrodes, the product requires sterilization in between patient use. It has been determined that this is not occurring at some clinics.</p>
<b>A</b>	<p><b><u>Assessment:</u></b></p> <ul style="list-style-type: none"> <li>- Cost is lower to use single use than sterilizing the reusable EEG-CE.</li> <li>- Individual Reusable EEG Cost- \$124.78 vs. Individual Single Use Cost- \$1.40 (<b>Produce a savings of \$123.38</b>).</li> <li>- Risk of infection/potential loss for contaminated EEGs- <b>Patient Safety Concern</b></li> <li>- Reusable EEG-CE are difficult to decontaminate with hair and debris left on the wires, taking time and effort to preclean.</li> <li>- Reusable EEG-CE requires to be marked separately to identify the location, the cost is included in the above cost analysis, not the time/labor it would cost.</li> <li>- Reusable EEG-CE continued use would trigger the need to increase inventory due to the time it takes to be reprocessed at the SPD department will require 24-48 hours to turn around the wires.</li> </ul>
<b>R</b>	<p><b><u>Recommendation:</u></b> Please notify your purchasing team of the new product that needs to be added to the ordering template. <b>PMM Order # 168003</b> Begin using the single-use EEG-CE Electrodes as soon as possible.</p>