

# Parenteral Drug Therapy Client Monitoring Levels (Adult)

**NOTE:**

Health care providers must have necessary competencies to perform and interpret monitoring parameters (e.g. ECG monitoring requires dysrhythmia interpretation) and resources, including equipment are available to perform required monitoring parameters

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Monitoring Level	Monitoring Parameters
<p><b>BASIC MONITORING</b> Effect of drug</p>	<p>blood pressure frequency as specified; duration and frequency of all other vital signs as determined by patient status, specific care protocol and effect of medication</p> <ul style="list-style-type: none"> <li>▪ intended and unintended drug effects</li> </ul>
<p><b>INTERMEDIATE MONITORING</b> Basic monitoring + vital signs</p>	<ul style="list-style-type: none"> <li>▪ pulse rate, pulse oximetry, respiratory rate, level of sedation</li> <li>▪ blood pressure no more frequently than hourly</li> </ul>
<p><b>ADVANCED MONITORING</b> Intermediate monitoring + increased vital signs</p>	<ul style="list-style-type: none"> <li>▪ pulse rate, pulse oximetry, respiratory rate, level of sedation</li> <li>▪ blood pressure frequency between every 5 to every 60 minutes</li> </ul>
<p><b>FULL MONITORING</b> Advanced monitoring + advanced ECG (Rhythm interpretation and management of dysrhythmias)</p>	<ul style="list-style-type: none"> <li>▪ continuous ECG</li> <li>▪ pulse rate, pulse oximetry, respiratory rate, level of sedation</li> <li>▪ blood pressure frequency between every 5 to every 60 minutes</li> </ul>
<p><b>INTENSIVE MONITORING</b> Full monitoring + invasive hemodynamic and advanced respiratory support and monitoring (Mechanical ventilation or management of sudden deterioration in respiratory / ventilation requiring immediate tracheal intubation and mechanical ventilation)</p>	<ul style="list-style-type: none"> <li>▪ non-invasive blood pressure and/or continuous arterial line</li> <li>▪ continuous ECG</li> <li>▪ pulse rate, pulse oximetry, respiratory rate, level of sedation</li> <li>▪ other hemodynamic monitoring PRN</li> <li>▪ additional respiratory / ventilator monitoring</li> </ul>
<p><b>PERINATAL MONITORING</b> In pregnancy Any of the above monitoring levels + fetal monitoring</p>	<ul style="list-style-type: none"> <li>▪ fetal monitoring</li> <li>▪ blood pressure, pulse rate, pulse oximetry, respiratory rate, sedation</li> </ul>
<p><b>PALLIATIVE MONITORING</b></p>	<ul style="list-style-type: none"> <li>▪ To be determined by clinical need</li> </ul>