# Nomenclature

# Modes

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| **Mode** | **Options** |
| Chamber Paced | Atrium (AOO) |
| Ventricle (VOO) |
| Dual (DOO) |
| None (Off) |
| Chamber Sensed | Atrium (AAI) |
| Ventricle (VVI, VDD) |
| Dual (DDD, DDI) |
| None (Off) |
| Response to Activity | Triggered |
| Inhibited |
| Dual (DDDR) |
| None (Off) |
| Programmable Rate Modulation | Simple |
| Multi |
| Communicating |
| Rate Modulation |

# VVI

* Ventricular pacing
* Ventricular sensing
* Sensed intrinsic QRS inhibits ventricular pacing

# Requirements Likely to Change

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| **Requirement** | **Explanation** |
| Base Heart Rate | Depending on patient age / level of physical activity, resting base heart rate should be customizable. |
| Pace Voltage Applied | As scar-tissue generates over-top of pacemaker leads, resistance between leads subject to change. Applied voltage to induce ventricular contraction may need to be changed accordingly. |
| Logged Detail of Cardiac Events Detected | Detailed logs of cardiac events may be kept for diagnostic purposes, however, given an abundance of such events, detail may need to be decreased in order to preserve storage space. |
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