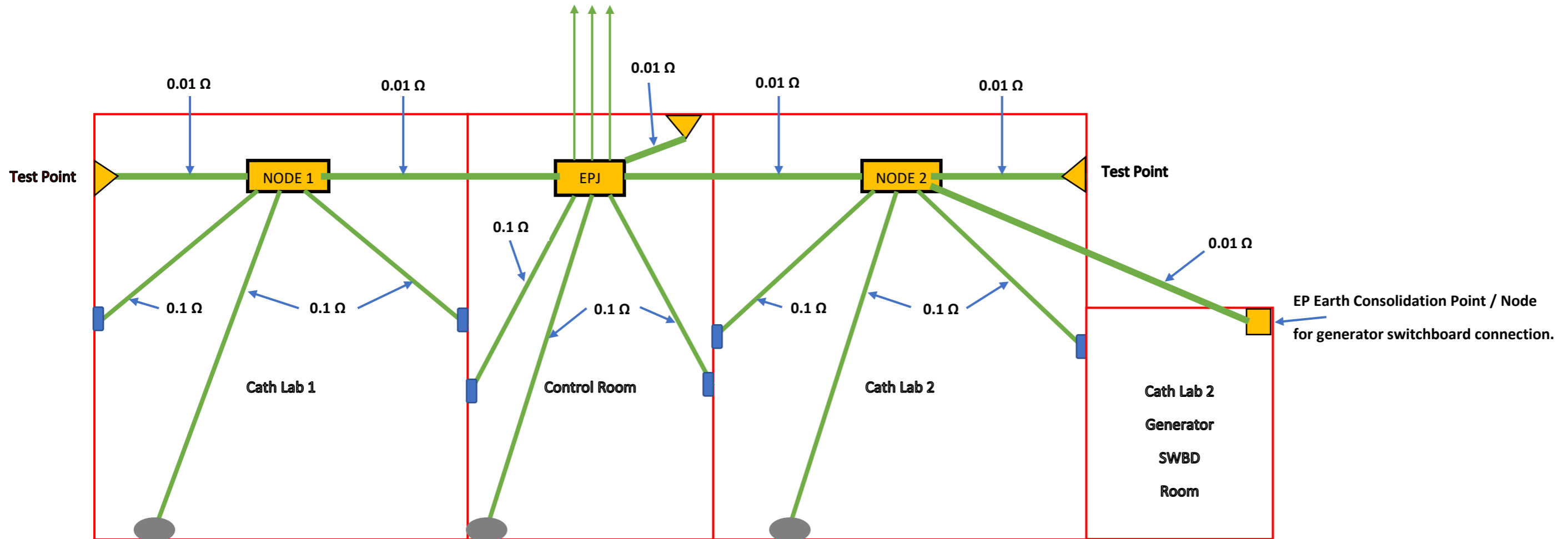





Return Earths to Switchboards (sized as per AS3000, <math>0.5\Omega</math>)



### EP Earthing System AS/NZS 3003: 2018

- **Cardiac Catheter Labs with central control room, showing EPJ and NODE relationship.**

- An example of cardiac-protected electrical areas serviced by a single medical electrical system and / or the 5m rule requirement where socket-outlets may be connected to multiple EP areas due to the 5m cross-over, refer clause 4.4.2.2.
- Cable sized to obtain nominated resistance values of equal value or less.

-  - Typical socket-outlet bonding.
-  - Typical structural metalwork bonding, or reticulated metal service e.g., med gas pipeline, or exposed conductive part.
-  - EP Test Point must be below 2m and readily accessible / EPJs and EP NODES may be directly located with their EP test points or positioned above the ceiling.
- Cath Lab 1 Generator SWBD Room not shown.
- Labelling of the EP earthing system is important, refer additional information.
- EP junctions can contact structural metal / EP nodes must be isolated from structural metal / EP test points if remote from the junction or node must be isolated from structural metal.