

# PERINEAL TRAUMA REDUCTION

FOR PROVIDERS ONLY

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## **Sutures to use in Perineal Trauma Repair**

The most common type of suture used for the mucosal and submucosal sutures is polyglactin 910. There are coated and uncoated versions. Compared to the other sutures available at the present time, uncoated polyglactin 910 appears to be associated with the least amount of pain between two and six weeks post repair, and is also less likely to require removal of residual suture. Both benefits are due to its more rapid absorption. Its tensile strength is almost gone after seven to ten days. Coated polyglactin 910 is better for the underlying muscle layer since it lasts much longer.

The second most common suture is chromic gut. It has a similar time to absorption as uncoated polyglactin 910, but chromic is falling out of favor because it causes more post-repair pain and need for re-operation than the synthetic sutures.