For anterior passes consider accessory portal or hybrid approach with outside-in techniques.¹

### Tear Type Specific Tips

<table>
<thead>
<tr>
<th>Horizontal Cleavage Tears</th>
<th>Radial</th>
<th>Root</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Diagram of Horizontal Cleavage Tears" /></td>
<td><img src="image2.png" alt="Diagram of Radial Tears" /></td>
<td><img src="image3.png" alt="Diagram of Root Tears" /></td>
</tr>
</tbody>
</table>

#### Stitch Type

<table>
<thead>
<tr>
<th>Haybale Stitch</th>
<th>Side by Side Stitch</th>
<th>Modified Double Locking Loop</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4.png" alt="Diagram of Haybale Stitch" /></td>
<td><img src="image5.png" alt="Diagram of Side by Side Stitch" /></td>
<td><img src="image6.png" alt="Diagram of Modified Double Locking Loop" /></td>
</tr>
</tbody>
</table>

#### Keys for Success

- Consider removal of central edge to align lamina²
- Overstuffed jaws may cause peripheral misses
- Place stitches every 3-5mm³
- Consider central edge removal²
- Ensure sides of tear do not overlap after repair
- Place each suture limb at least 5mm from tear
- Place 2 constructs to increase strength
- Discuss tunnel technique options
- Drill first to avoid suture cuts
Technique Guide Highlights

Stitch Targeting

- Black targeting mark indicates where the needle will exit the meniscus.
- Needle will exit at the distal portion of the targeting mark when passing through thick peripheral tissue.
- Needle will exit at the proximal portion of the targeting mark when passing through thin central tissue.

Remove Suture Ends and Tie a Knot

- Relax the orange handle of the NOVOSTITCH PRO Meniscal Repair System and remove the suture ends from the upper jaw by pulling back on the sutures and/or advancing the device forward.
- Using standard surgical techniques and the NOVOCUT Suture Manager, advance a knot to the surface of the tissue until tissue approximation at the tear is observed. Place the appropriate number of additional throws to ensure the knot is secure.

Cartridge Unloading and Reloading

- With the lower jaw in the advanced position, grasp the suture spool and pull it both down and forward towards the distal end of the device until it is free from the device shaft. Discard used cartridge.
- Procure new cartridge and flip the handle over so that the underside of the shaft is visible.
- Align the black mark on the cartridge so that it is over the shaft mark.
- With the cartridge seated in the shaft, slide the cartridge towards the handle until the cartridge snaps in place. Press grey thumb lever to retract lower jaw.

References: