Removable Partial Denture Repair

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1. The fracture line typically starts at thin edges where the bending forces in the denture tend to concentrate.
2. Bevel the fracture line and make space for the reinforcement. If there is little space, use Perma Mesh to create a thin structure. Use preferably at least three layers of Mesh to obtain sufficient strength.
3. Wet the Mesh pieces properly using a loose mixture of acrylic powder and liquid.
4. Place the Mesh pieces on the edge of the denture where the crack initiated. Cure and form to the final shape and polish.
5. The finished product is strengthened around the area the fibers are placed, to withstand normal biting forces. This is usually sufficient to reinforce the entire denture. In this case, it would also be wise to reinforce the area around the pontic and that of the missing teeth.

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