The use of d-PTFE membranes seems to present satisfactory results in GBR, although some incidents like membrane exposure were seen, they did not have a major importance in the final outcome. However more randomized clinical trials are needed to determine the effectiveness of this procedure.

**Objetives**

The use of non-resorbable e-PTFE membranes in guided bone regeneration (GBR) is a well-known procedure, although its high risk of complications (e.g: tissue dehiscence, membrane exposure, membrane and graft infection... ). Recently, a new membrane made of high density PTFE (microporosity <0.3 micra) could provide better surgical outcomes reducing post-surgical complications. The aim of this study is to determine the efficiency of d-PTFE in guided bone regeneration.

**Material & Methods**

**Results & Conclusion**

The use of d-PTFE membranes seems to present satisfactory results in GBR, although some incidents like membrane exposure were seen, they did not have a major importance in the final outcome. However more randomized clinical trials are needed to determine the effectiveness of this procedure.