“Collagen Membranes in Guided Periodontal Regeneration and Bone Regeneration”

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Since its development and introduction in the clinical practice, guided tissue regeneration has suffered many changes regarding both the materials and the technique employed, as well as the indications. During the last years, resorbable collagen membranes have been widely used in periodontal regeneration, and, recently a new perspective was open with its application to guided bone regeneration, mainly in connection with implant therapy. In fact, slow-resorption membranes have been lately introduced for this purpose. However, and despite their similar principle, periodontal and bone regeneration should not be considered two varieties of the same procedure. The present lecture reviews the state of the art of these techniques, focusing in the role of collagen membranes, and its clinical application.