Abstract: In contemporary cosmetic dentistry, both hard and soft tissues (tooth & gingiva) should be considered and in some cases “Esthetic Crown Lengthening” or “Gingival Margin Leveling” is required. Having an embrasure fully filled with interdental papilla is a reasonable expectation of a patient. Recession in the interdental area is a nightmare of a surgeon that usually happens due to complete elevation of the flap. Elevation of the flap in order to do some osteoplasty causes some bone loss in the interdental papilla. Consequently, bone loss in the interdental area will cause the gingiva to recede. New flap design suggested and explained in this article helps the surgeon to preserve the papilla intact. In this method, a flap beneath the interdental papilla is elevated and the osteotomy is done. As no bone loss happens in the interdental area, no gingival recession happens. The purpose of this article is to introduce the minimally invasive esthetic crown lengthening to the cosmetic dentists.