

<b>Thesis Title</b>	The Effectiveness of Hyaluronic Filler in the Gummy Smile Treatment
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### **ABSTRACT**

Background : A perfect smile is balanced with 3 parameters, teeth, gum and lips. Gummy smile can be a cause of esthetic embarrassment for many patients, so affecting their psychological behavior. With different causes of gummy smile, treatment could be facial surgery, oral surgery, laser or botox.

Objective: To study the effect of HA filler in the gummy smile treatment and to know the HA filler improves or not.

Material and method: quasi-experimental study of injecting HA filler in the gummy smile correction, total 10 patients of gummy smile average 4.5cm exposure is collected and gave the treatment. 0.3ml of hyaluronic filler is injected into canine fossa/ upper part of nasolabial fold of both sides, total 0.6ml of hyaluronic filler, close to the bone (intramuscular) injection. Then measure the gummy smile exposure immediately.

Result: gummy smile exposure average 4.5mm is reduced to 1.5mm, average 3mm of gummy smile is reduced immediately.

Conclusion: So it is effective in treating gummy smile by using filler in the canine fossa (upper part of nasolabial fold). The gingival display is reduced immediately and improves up to 15th day and still effective up to 90th day

**Keywords:** Hyaluronic Filler Injection, Gummy Smile

