ABSTRACT
One patient with sebaceous nevus of Jadassohn is presented. This lesion is considered a hamartoma, because it is caused by benign hyperplasia of sebaceous glands. Most common location is on the scalp and less frequently on the face, trunk and extremities, with a low risk to malignant neoplasia. The lesion may appear from birth. When patients get to puberty, develop into different kinds of tumors. Treatment is surgical excision along prepuberal age.

Keywords
Lesion, Nevus sebaceous, Dermatologist, Scalp, Surgery.

Case Report
A 13-year-old male patient, in excellent health. Presenting with a high, asymptomatic, well-defined, brown color lesion, located in the mandibular symphysis, with a history of evolution from birth according to the mother's story. At the specified clinical evaluation, an expansion of the same neck injury, at the height of the Hyoid Bone, of white palpation resistance, with a rough surface was evaluated.

Figure 1: Initial Extraoral Photography.
In the intraoral level, alteration of the oral mucosa was observed and presumed relationship with the dental organ 3.1. In addition fever, suppuration or presence of any other liquid was discarded. An orthopantography was requested to rule out a relationship with hard tissues, no radiological characteristics were observed that could correlate this theory.

Figure 2: Intraoral Photography.

Figure 3: Orthopantography.

An incisional biopsy of the lesion was performed, we send two irregulars of tissue fragments, the bigger mid-0.5x0.3x2.0 cm and the smaller mid-0.3x0.2x0.1 cm resulting in Jadahhson’s Nevus Sebaceous. It was programmed to perform the surgical intervention under general anesthesia, we performed the complete removal of the lesion and an excisional biopsy was realized, wound was sutured with Nylon and Vicryl. He complied with antibiotic coverage and no complications were raised.


Figure 6: Size Comparison with a scapel.

Discussion
Nevus sebaceous can be defined as a hamartoma, representing an organizational or embryogenic defect resulting in an abnormal mixture of tissue of varying types [7]. Reported incidence of 0.05% to 1% of dermatology patients [6]. Can reach a diameter of 10 cm and develops in three stages. The first stage, ranging from the birth to childhood is characterized by a flat lesion with a soft surface at touch and yellowish – pink coloration, remaining unchanged due to quiescence of the sebaceous glands. With the onset of adolescence comes the second stage, when the lesion becomes vegetating and mamillonated with an increase in thickness due to hormonal influence on the sebaceous and apocrine glands. The third stage occurring in about 20 percent of the cases, usually develops after the 40 years, and emergence of tumors such as trichoblastoma, syringocystadenoma papilliferum and trichilemmoma might occur [5].

Studies have reported more than 40 different kinds of secondary neoplasm [6]. Trichoblastoma (34.7%), syringocystadenoma papilliferum (24.7%), apocrine adenoma (10%) and trichilemmoma (5.3%) are the most common secondary neoplasm found within NSJ [8].

Malignant tumors were identified in 0.8 – 3.5% of nevi, mainly in adult patients, with basal cell carcinoma being the most common. Their incidence increases with the age, and malignant growths have not been observed before the age of 10 years [1] in our case the Patient has 13 years old.

The molecular basis for carcinogenesis in nevus sebaceous remains unknown, but deletions in the tumor suppressor PTCH gene seems to enhance the neoplastic potential of the hamartoma. For that reason, Nevus Sebaceous is considered to be a precancerous lesion; the most common benign neoplasm arising in a nevus sebaceous is the syringocystadenoma papilliferum, whereas the most common malignant neoplasm is the basal cell carcinoma [2].

As for the treatment, removal surgery is recommended in the prepubertal stage, because of its potential malignant transformation and because the nevus is not yet fully developed and the skin is
more moldable, achieving an aesthetic healing [9]. Alternative treatment modalities options include photodynamic therapy, CO₂ laser, and dermabrasion [5]. Reconstruction with grafts is sometimes necessary due to tissue loss, but this was not necessary in our patient. It is important the follow up for the circumscribed ampliation, ulceration or appearance of exophytic nodule they should raise the suspicion of malignant transformation, although benign accidents are more frequent [10].

**Conclusion**

The others treatments modalities do not completely eliminate the lesion, we recommend the surgical excision.

This lesion has a low probability of being malignant, but despite being able to diagnose it clinically, we need to be able to confirm that diagnosis through a biopsy.

**References**