Therapeutic comparison of traditional surgery and Nd:Yag laser in patients with Sturge-Weber syndrome


**AIM**
The aim of the present work is to compare two different surgical procedures in the treatment of angiomas in Sturge-Weber syndrome.

**MATERIALS AND METHODS**
We made use of different cases treated with two procedures: some were treated using a cold blade and others, more recent, using Nd:Yag laser.

**RESULTS AND DISCUSSION**
Postoperative results are very clear: patients treated using a cold blade, without laser, have to be treated more frequently (every 1-2 years) than patients treated with Nd:Yag laser, who are treated with a 4-year frequency.

**CONCLUSIONS**
Angioma re-growth is a very common occurrence in patients with Sturge-Weber syndrome. In the light of this, the treatment with Nd:Yag laser seems to be the right choice because it reduces the frequency of angioma re-growth and significantly improves the patient’s postoperative course.

**REFERENCES**