



# Radiation Therapy for Acoustic Neuroma

Radiation therapy is an effective treatment option for acoustic neuroma that offers several benefits for patients



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**RADIATION THERAPY FOR ACOUSTIC NEUROMA:**

# A Comprehensive Overview

An acoustic neuroma is a rare benign tumor that develops on the nerve responsible for hearing and balance. Radiation therapy is a treatment option for acoustic neuromas. In this report, we will explore the benefits of radiation therapy for acoustic neuromas.

**ADVANTAGES OF RADIATION THERAPY:**

- Radiation therapy is a non-invasive treatment option that avoids the need for surgery. This can reduce the risk of complications and side effects associated with surgery, such as infection or hearing loss. Additionally, radiation therapy can be used to treat tumors that are difficult to remove surgically, such as tumors that are located in sensitive areas of the brain.
- Radiation therapy can be used to control the growth of acoustic neuromas. This can reduce the size of the tumor and alleviate symptoms, such as hearing loss or tinnitus. Radiation therapy can also prevent the tumor from growing larger and causing further damage to the nerve responsible for hearing and balance.
- Radiation therapy can be used to preserve hearing in some cases. This is especially important for patients with smaller tumors who still have good hearing, as surgery can often result in permanent hearing loss.

**EFFECTIVENESS OF RADIATION THERAPY:**

- Radiation therapy is a well-established treatment option with a long track record of effectiveness in treating acoustic neuromas.
- With advances in radiation therapy and other treatments, the five-year survival rate for patients with acoustic neuromas is now around 90%.

**SIDE EFFECTS:**

- Radiation therapy typically only causes minor side effects, such as fatigue, headaches, or ringing in the ears.

**CONCLUSION:**

Radiation therapy is a proven and effective treatment option for acoustic neuromas with a low risk of complications.

It can be used to control the growth of the tumor, alleviate symptoms, and preserve hearing in some cases. If you have been diagnosed with an acoustic neuroma, speak to your physician to see if radiation therapy is a good treatment option for you.


**QUICK FACTS**

**1 in 100,000**

Acoustic neuromas are rare, with an estimated incidence of 1 in 100,000 individuals per year.

**90% survival rate**

The five-year survival rate for patients with acoustic neuromas is around 90%.

 **Preserve hearing**

Radiation therapy can be used to preserve hearing in some cases for patients with acoustic neuromas.

