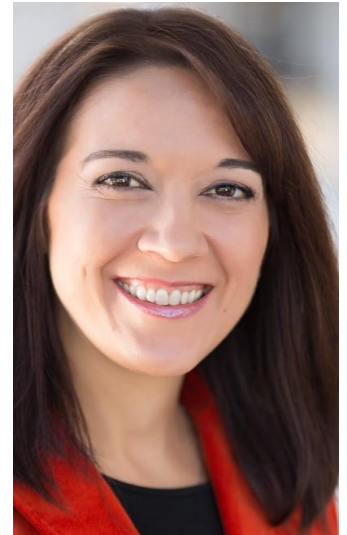




TINNITUS

*TINNITUS & AUDIOLOGY
CENTER*

**KRISTEN
KENNER**
AUDIOLOGIST



STATISTIC

- 50 million Americans report tinnitus
- 17 million report significant or debilitating problem
- #1 disability reported by veterans
- 20% need from some form of intervention
- Everyone with tinnitus should be evaluated by an audiologist

Causes of Tinnitus

- Hearing Loss
- Jaw Issues
- Cardiovascular Issues
- Stress
- Drugs
- Ear Wax
- Meniere's Disease
- Head or Noise Trauma

IS THERE A CURE?



MEET MIKE

Mild Tinnitus

MIKE'S PRESENTATION

- Gradual awareness of tinnitus ~ 2 years ago
- Constant, high pitched ringing in both ears
- Tinnitus bothers him at the end of the day when he is fatigued and the house is quiet
- Mild sleep issues

DOES STRESS AFFECT TINNITUS

MIKE'S TREATMENT PLAN

- Demystification Counseling
- Take Home Strategies
- Sound Therapy
- Follow Up Schedule

MIKE'S TREATMENT OUTCOME

At 9 Months

MEET MARY

Moderate Tinnitus

MARY'S PRESENTATION

- Tinnitus changed from intermittent to constant 2 years ago
- Tinnitus increased in volume in the last 6-12 months
- Finds tinnitus annoying but can ignore it when she's busy. Reports tinnitus affects her ability to hear, especially in difficult listening environments (grandkids, meetings, restaurants)
- No sleep issues

MARY'S TREATMENT PLAN

- Tinnitus Retraining Therapy
- Take Home Strategies
- Amplification + Sound Therapy
- Follow Up Schedule

MARY'S TREATMENT OUTCOME

At 12 Months

MEET CARLOS

CATASTROPHIC

Tinnitus

CARLOS'S PRESENTATION

- Sudden awareness of constant, loud, high-pitched tinnitus in both ears immediately following accident
 - Sudden onset of bilateral, high frequency hearing loss due to accident
- Always aware, distracted, anxious, annoyed, feeling like he cannot escape, decreased interest in hobbies
 - Overuse of hearing protection
- Severe sleep issues

CARLOS' TREATMENT PLAN

- Tinnitus Retraining Therapy
- Ear Level Sound Therapy + Amplification
- Coordinated Referrals
- Hearing Protection Consultation
- Follow Up Schedule

CARLOS'S TREATMENT OUTCOME

At 18 Months



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