Forensic Audiology *An Emerging Field in our Profession*

- What is Forensic Audiology?
- Expert witnesses in our legal system.
- How audiologists can assist in criminal or civil cases.
- Sample litigation cases.
- The litigation process.
- A word about malpractice.

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Forensic Audiology



NCIS and Law and Order episodes all begin with a dead body!



Audiologists are always "investigating."

Forensic Audiology: "The application of the principles of audiology to legal issues."

Forensic audiology is <u>NOT</u> a specialized field, but rather a willingness to work in the legal arena and apply your knowledge and expertise to cases in law.

Forensic Audiology

Issues

- Hearing loss
- Audibility of events
- Hearing aid use
- Hearing damage
- Communicative ability
- Speech Intelligibility

Areas for the Audiologist

- Workers Compensation (NIHL, AT)
- Administrative Law (EPA)
- Constitutional Law (OSHA, FRA, ADA)
- Tort Law (injury, death, product liability)
- Criminal Matters (audibility, intelligibility)
- Professional Negligence (malpractice)

The need for expert witnesses has never been greater. **Under the Federal Rules of Evidence:** $\sqrt{Accountants} - calculating damages}$ ✓ Economists – determining loss of earnings ✓ Real Estate Appraisers – assessing property value $\sqrt{\text{Safety Specialists} - examining the potential for injury}$ **Computer Technicians –** tracking activity on a computer etc, etc, etc

Litigants rely on experts in the <u>vast</u> majority of all civil cases.

Expert

... a person who possess special knowledge, skill, training, or experience, in a vocation or occupation.



Note: this does not mean you have to have a PhD degree or have written a book or lots of articles.



"a friend of the court"

. an expert who is qualified to provide testimony to aid the <u>fact-finder</u> in matters that <u>exceed the common</u> <u>knowledge of ordinary people.</u>

Expert witnesses are endowed with the power to render opinions and provide information far exceeding personal observations.

A forensic expert witness uses scientific knowledge in resolving a legal issue.

More than 35% of trials entail the use of a forensic expert.

When are Experts Used?

Federal Rules of Evidence (*Rule 702*):

<u>Expert testimony</u> is permitted whenever it would be <u>helpful</u> to the fact-finder in understanding the case.

The Judge decides if:

- 1. the witness qualifies as an expert,
- 2. field and methodology is reliable and valid, and
- 3. the testimony will assist the jury in understanding the case or in determining the issues.



An Expert's Opinion

If the judge qualifies an expert, then her opinion is to be considered <u>fact</u> by the jury.



However, the jury can consider her <u>level</u> of qualification when weighting her opinion.



Lay Witness

.. a person who can give a firsthand account of something seen, heard, or experienced and, therefore, offers evidence.

Material Witness



... whose testimony is necessary for trial and whose presence may sometimes be secured by subpoena.

Alibi Witness

... a criminal defendant relies on in establishing an alibi.

Character Witness

... testifies as to the character or reputation of a plaintiff or defendant.

Adverse Witness

... called by the opposing party because he can help their case even though the witness (by statement, conduct, or relationship) is biased against his client.

"Consultation" Expert in Litigation

- Educate the attorney.
- Generate questions for the opposition.
- Help respond to the opposition's interrogatories.
- Conduct experiments or tests to support the attorney's thinking.



"Consultation" Expert in Litigation

• Attend a deposition to guide the attorney's line of questioning.

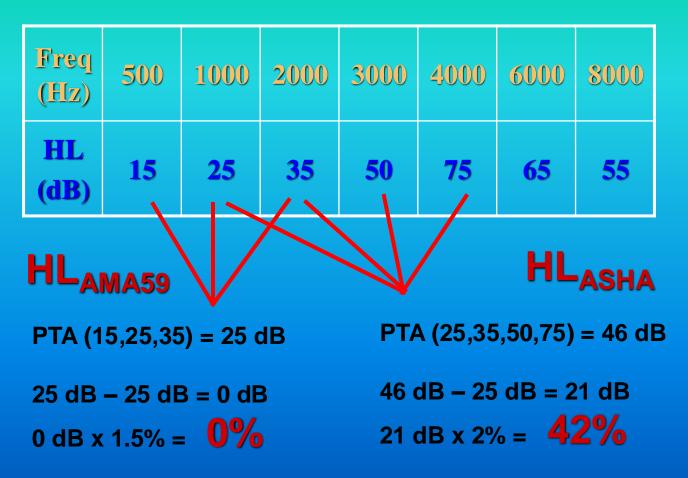
• Observe the examination of a patient by another audiologist.

• Testify at trial about general principles (but not to offer or defend an opinion).



Remember: When acting as a consultant, your work is covered by "privilege." So you <u>cannot</u> be deposed or questioned by opposing counsel.

My First Case



Green Bay Packer football player, Mark Chmura, is accused of rape during an after-prom sleepover.





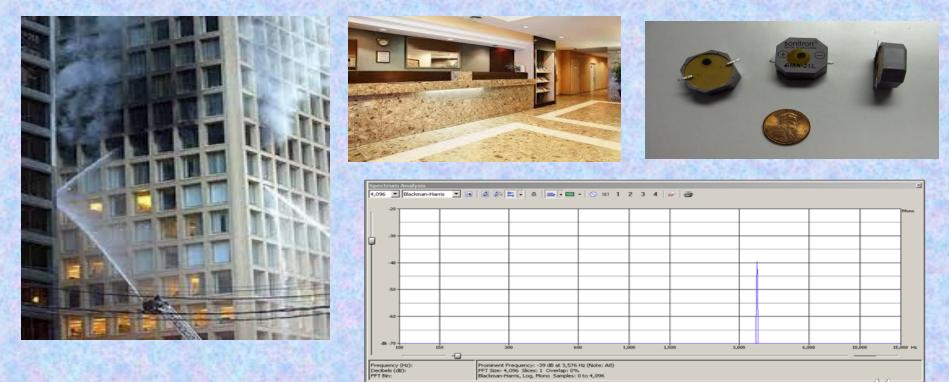








A high-rise fire kills 6 people even though they used the stairwell emergency phones to call the security desk.

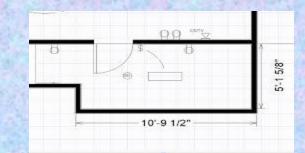


Police search a home for drugs based on "probable cause" because of what they heard from outside the home on a busy street.











A worker is crushed to death by a moving cutting machine in a sheet steel plant.











A hospital contemplates terminating a hearing impaired nurse working in a pediatric ICU.









A snowmobile is struck by a train at an intersection and its driver is killed.





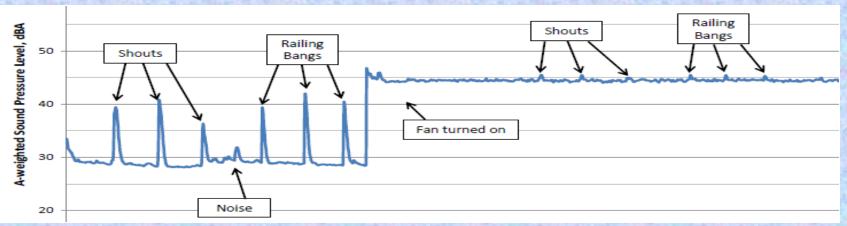




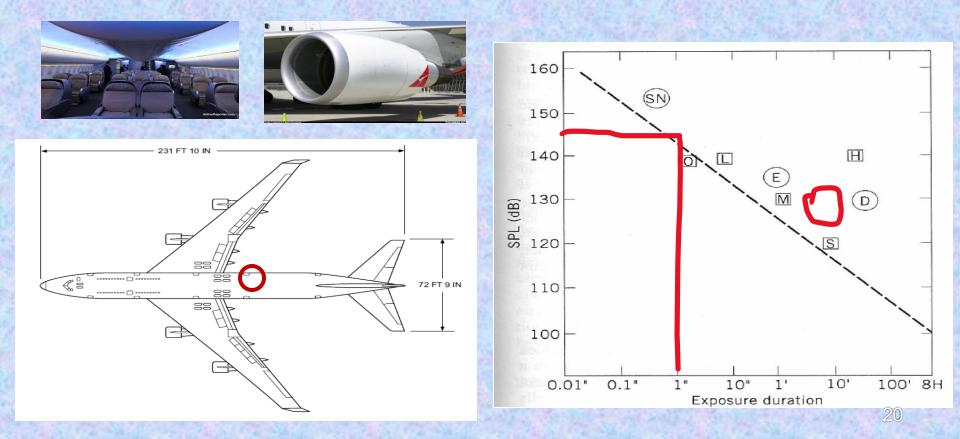


A lady jumps from a 2nd floor hotel balcony and claims the staff and guests ignored her yells for help.





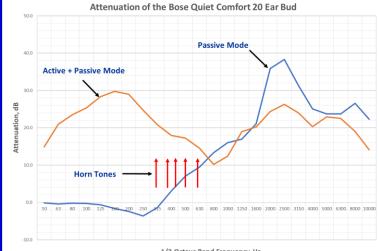
A passenger on a flight claims hearing loss after the door he sat next to opened on take-off.



Teenage boy wearing ANC earbuds is struck by a train.









Nathan Air Chime Five air horns generating tones at 311, 370, 415, 494, and 622 Hz

1/3 Octave Band Frequency, Hz

No system as diverse as American Jurisprudence could survive without a precise set of rules.

1. The Complaint ...a call for action brought within the legal system.



- A. Administrative Forum controlled by administrative procedures (i.e., welfare rights, Medicare claim, zoning matter, licensure, environmental noise, etc.)
- B. Judicial Forum Claims that do not require the involvement of administrative procedures are controlled by the Federal Rules of Civil/Criminal Procedures (i.e., litigation, lawsuit)

2. The Notification

Once the matter has been filed in the proper jurisdiction and venue, the <u>court</u> sends notification to the defendant.



- a) The complaint is included in the notification.
- b) The defendant is given a time limit to respond.
- C) The rules of the court (procedure) take control and moves the issue forward in a predictable course.

3. Discovery

A process used by attorneys to determine the facts and circumstances of the case to be tried before the court.



- Subpoena a request for documents that may be relevant to the case.
- Interrogatories written questions directed to the parties with a time frame to answer.
- Examinations a call to inspect the evidence or examine the plaintiff (e.g. Independent Medical Exam or IME).
- Depositions oral examinations of the parties and witnesses placed into record by a court reporter.

The Discovery Process

The process is rather liberal and designed to:

1. Eliminate surprise at trial, and

2. Encourage a settlement.



Sometimes this means attorneys go on a "fishing expedition." Nonetheless it must work, because nearly 90% of cases settle before trial.

Subpoena - for documents

... a legal document requiring the person on whom it is served to provide specified documents.

- Opposing attorneys use this method to gain access to documents from audiologists.

- You can charge a reasonable fee for reviewing, copying, and delivering. (Note: the fee is negotiable!)



Failure to comply can result in sanctions against you. If you feel the information requested is confidential or protected, contact your attorney.

Depositions

... the most powerful form of discovery.

1. **Discovery deposition** – to allow both parties to know what evidence will be presented at trial.

2. **Evidence deposition** – to present to the jury as evidence (e.g., you are sick and cannot attend the trial).

Recorded by a court reporter. Sometimes it is video recorded.

- You are allowed to review and correct the deposition by "requesting signature."
- When you "waive signature" you are telling the court reporter that you do not need to review the transcript.



4. Records Review

All records and materials produced by both sides are exchanged for review.



Experts review records and develop opinions to support a case. These opinions are produced and then exchanged. Each side may call for the depositions of each other's experts to learn more about the expert and explore her opinions.

Pretrial orders. These are orders issued by the court that set the trial date as well as dates by which all <u>experts</u> must be named, all <u>documents</u> exchanged, and all <u>depositions</u> completed.

The Basis for your Opinion

You can rely on facts or data "perceived or made known to you" before your report or testimony.

- Need not have conducted your own test or personally collected your own data.
- May reasonably rely on self-reported patient histories.
- Can rely on opinions of other experts in other fields as background material.



However, the data must be sufficient and of the type reasonably relied upon by audiologists (otherwise it can be excluded and a <u>summary judgment</u> made!)

5. Pretrial Phase

...before the trial, attorneys prepare exhibits, demonstrations, and witnesses for trial.



- Trial Briefs a review of the facts sought to be proven and a summary of relevant law and cases.
- Motions Filed In Limine (ĕn lǐ' mǐ nā). These can limit the scope of material covered by a witness or call for a <u>Summary Judgment</u> to end the trial.
- Expert Preparation time spent with your attorney to review your opinions and "rehearse" for your testimony.
- Jury Selection prospective jurors are questioned and impaneled.

6. Trial

...the presentation of the case before a jury (or a judge in a "bench" trial) to render a decision or verdict.

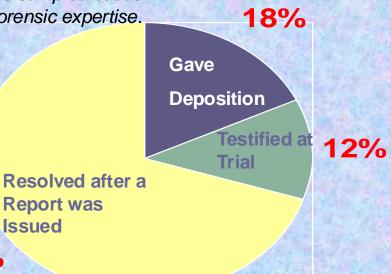


Based on 445 sampled cases that used forensic expertise.

Report was

Issued

70%



How many time does an expert go to trial?

Settlement can occur ANYTIME up to the verdict.

Burden of Proof

... civil trials are not like criminal trials where the criterion is "beyond a reasonable doubt."

For a civil trial, the criterion is: "a preponderance of evidence that it was more likely than not."

Note: in some cases, a judge may instruct the jury to a higher standard: i.e., that there is clear and convincing evidence."



Experts normally give opinions "based upon a reasonable degree of scientific (audiological) certainty. "

Medical (Audiological) Malpractice

Medical malpractice is ...

any treatment, lack of treatment, departure from accepted standards of care or safety by a heath care provider that causes harm to a patient.

Malpractice includes ...

- misdiagnosis,
- delay in diagnosis,
- delay in treatment, or
- failure to perform appropriate follow-up.

Elements that must be proved in professional negligence.

1. A duty of reasonable care

...an obligation based on what a reasonable audiologist would do to protect patients from <u>harm</u>.

2. Breach of that duty of care

...a failure to exercise the skill and care ordinarily practiced by audiologists according to the profession's <u>standard of care</u>.

3. Injury caused by that breach of duty

...liability can only be established if it can be shown that the audiologist caused the harm.

4. Damages are sustained by the plaintiff

...the plaintiff must have incurred a permanent reduction in quality of life and/or ability to sustain his livelihood.

Standard of Care

A written statement describing ...

the rules, actions, and conditions that direct patient care.



Standards of care guide our practice and <u>usually surpass</u> <u>government regulations</u>. They may be used to evaluate our performance.



Always <u>communicate</u> with your patient what procedure you will be doing and the reason you are doing it. Show a <u>caring</u> attitude.

Helpful Resources

Books

<u>Succeeding as an Expert Witness,</u>" Harold Feder, Tagey Press, Glenwood Springs, CO (2000).

Distance Learning

Take an on-line course.

Local Law School

Call and ask to participate in a mock trial as an expert.

Websites

www.kramerslaw.com (Kramer & Connolly, Maryland)www.expertlaw.com (free expert finder site)www.lectlaw.com (privately developed resource site)

