

Camp Lejeune: Methodology for Developing a Defensible Medical Opinion

SME training-Louisville, KY



Forensic Medicine, Definitions

- That science which applies the principles and practice of the different branches of medicine to the elucidation of doubtful questions in courts of justice, insurance claims and other compensation determinations
- The branch of medicine that interprets or establishes the facts in civil or criminal law cases

Unique Challenges of CLCW Cases

- Unique provider skill set required
- Toxicology evaluations
- Detailed exposure history required
- Intimate knowledge of specific scientific reports and related literature
- Melding of the above into a medically/legally defensible report requires excellent writing skill

Benefits of Subject Matter Experts

- Greater consistency of evaluation and opinions based on best medical evidence, improved efficiency of provider opinions
- Provide a nexus decision in accord with the requirements of the requesting agency
 - Within the requisite burden of proof
 - Based on documented thorough review of the probative evidence
 - With supporting statements based on medical literature
- Assess and document medical impairment and functional abilities in accord with the requirements of the requesting agency
 - Deferred to residual examination

Definition: Burden of Proof

- The duty placed upon a party to prove or disprove a disputed fact
- This does not equate to medical certainty

Burden of Proof

- Beyond a reasonable doubt: "proof of such a convincing character that a reasonable person would not hesitate to act upon it in the most important of his own affairs"
- Clear and convincing evidence: evidence that establishes the truth of a disputed fact by a high probability
- Preponderance of the evidence: one side has more evidence in its favor than the other, even by the smallest degree
- VA's unique issue: Equipoise evidence, benefit of the doubt goes to the veteran

Review the 2507

- Condition listed as Claimed by Veteran
- Dates of Service at CL listed for MO but not for residual exam
- Last several pages are required by VA/standard

Where to look for Records

- VBMS/ Virtual VA (is the veteran already SC?)
- CPRS/ VISTA Web/JLV
- Vista Imaging (may find personal med records that were not submitted to VBA as part of the health record)
- C-file (hardcopy records-rare)

STRs

- Pre-service occupation (usually short-lived [ENL exam])
- Family history (though only up to service dates [ENL exam])
- Symptoms, illness, treatment in service (e.g. neurobehavioral symptoms, direct occupational exposure=acute symptoms)
- Social history (smoking, substance abuse)
- Exit physical (e.g. urinalysis, CXR)

MPRs

- Record of Service location and duration of station
- Embarkation Record –period absent from CL but still assigned to CL (sea duty, TAD for training, etc.)
- Record of Time Lost-AWOL/AOL, incarcerated off base
- Job in service (DD214)

Risk Factors- Consider review prior to starting medical record review to save time

- Age & race/ethnicity
- Smoking, Alcohol, Substance abuse
- Obesity (weight prior to illness onset)
- Occupational History/ hobbies post service
- Family history/genetics
- Past medical history (Prior cancers, radiation)
- Comorbidities (hypertension, diabetes, GERD)

Private Provider Nexus Statements

- Need to address and comment
- Agree or refute
 - Is there a rationale or only predicated on professional experience?
 - Other risk factors apparent considered (i.e. smoking, family hx)?
 - Time at CL considered (duration and latency)?
 - Literature reviewed (peer-reviewed current literature in support of rationale)?

Literature Review

 Current review (Pub Med, Agency for Healthcare Research and Quality, Cumulative Index of Nursing and Allied Health Literature, EMB Online, MEDLARS, Cochrane, Google Scholar, Up-to-Date, etc.)

• Up date as needed or 6-12 months



Continued

- Peer-reviewed journal articles
- Control groups, size of study (low power?)
- Statistical significance (confidence interval, p-value)
- Compare odds and risk ratios with risk factors
- No Wiki
- SharePoint shared SME articles

Confidence Interval and p-values

