

# Evaluating Trans-Dermal Alcohol Scanning Device Data In Court Cases

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## Attribution

- Reprint Permission granted by Donald Ramsell & Gil Sapir, for citation: Gil Sapir and Donald J. Ramsell, Due Process: Unscrambling SCRAM, Proceedings, American Academy of Forensic Sciences, vol.24, p.596, F22 (2018)

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# Disclaimer

- This presentation and material are for informational purposes. This information is not legal advice or a specific scientific opinion.

# Lecture Outline

- What is Trans-dermal Alcohol Monitoring / How Does it Work?
  - Equipment
  - Basic Science
  - Scope & Limitations
- Right of Confrontation
  - Why Do you need to know this?
    - Do not confuse Transdermal Alcohol (TAC) with Blood Alcohol
    - Science is critical evidence in these cases.
- What is Necessary to prepare for a Transdermal Alcohol Monitor case?
  - Scientific Validity and Relevance (Admissibility)
- References

# What is SCRAM® ?

- Secure continuous remote alcohol monitor SCRAM® is the registered trademark of Alcohol Monitoring Systems, Inc., Littleton, Colorado.

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## Main Points in this Presentation

- SCRAM® is primarily used as a court ordered compliance
- Its purpose involves monitoring ethanol consumption
- It is a questionable application due to its limitations
- The verification process is considered speculative by some
- Questionable science methodology equates to questionable results
  
- Conclusion: Transdermal Alcohol Monitoring is Presumptive at best, a Confirmatory Test is required.

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## Title search: Evaluating Toxicology Evidence in Transdermal Alcohol (SCRAM) Monitoring

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