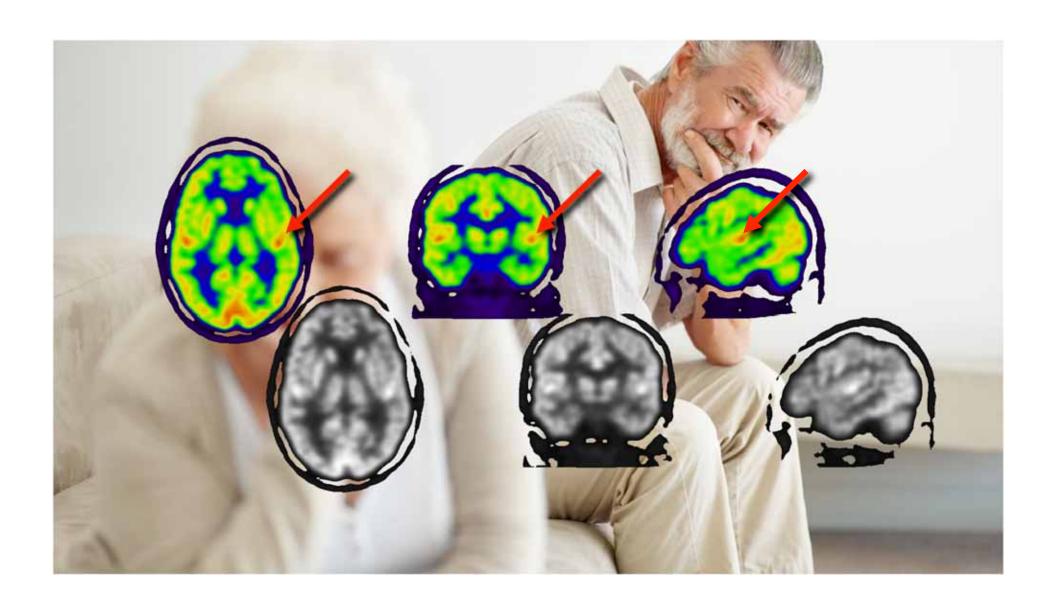
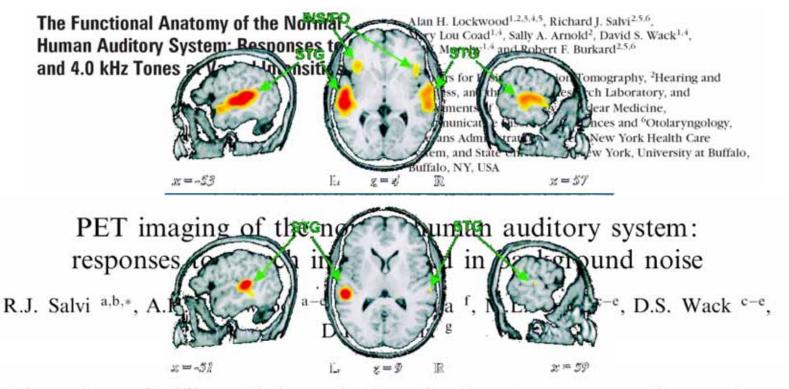
SOUND LEVEL ASSESSMENT IN THE POSITRON EMISSION TOMOGRAPHY UPTAKE FACILITIES.

Hector Aguilar Edmonton, Alberta

DISCLOSURES

none





PET imaging of differential cortical activation by monaural speech and nonspeech stimuli

Donald Wong a,b,*, David B. Pisoni b,c, Jennifer Learn d, Jack T. Gandour e, Richard T. Miyamoto b, Gary D. Hutchins f



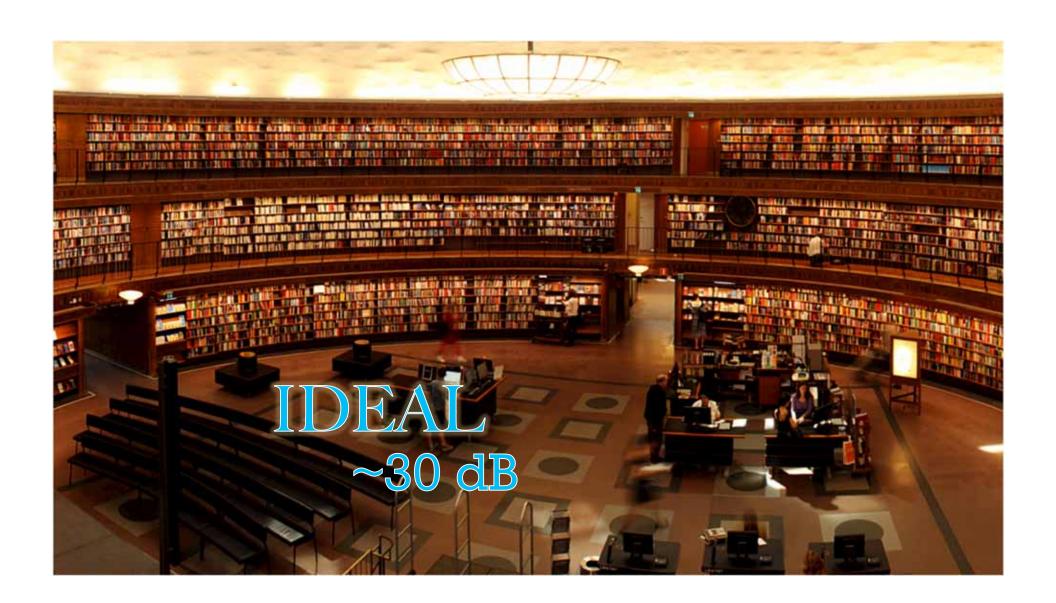
Society of Nuclear Medicine Procedure Guideline for FDG PET Brain Imaging

Version 1.0, approved February 8, 2009

Authors: Alan D. Waxman, MD; Karl Herholz, MD; David H. Lewis, MD; Peter Herscovitch, MD; Satoshi Minoshima, MD; PhD, Masanori Ichise, MD; Alexander E. Drzezga, MD; Michael D. Devous, Sr., PhD; James M. Mountz, MD, PhD

2. Pre-injection

- Environment Should be stable for at least 30 minutes prior to FDG injection and in the subsequent uptake phase (at least 30 minutes).
 - The patient should be placed in a quiet, dimly-lit room.
 - (2) Background noise is acceptable with eyes open.









DESIGN

Ambient
Sound Levels

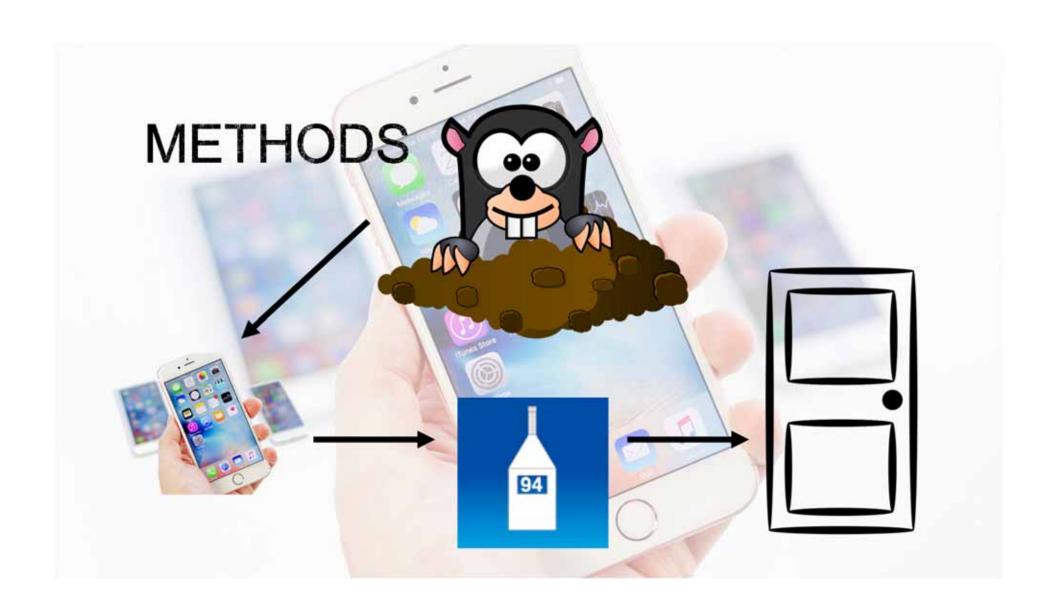
30 **PET/CT**

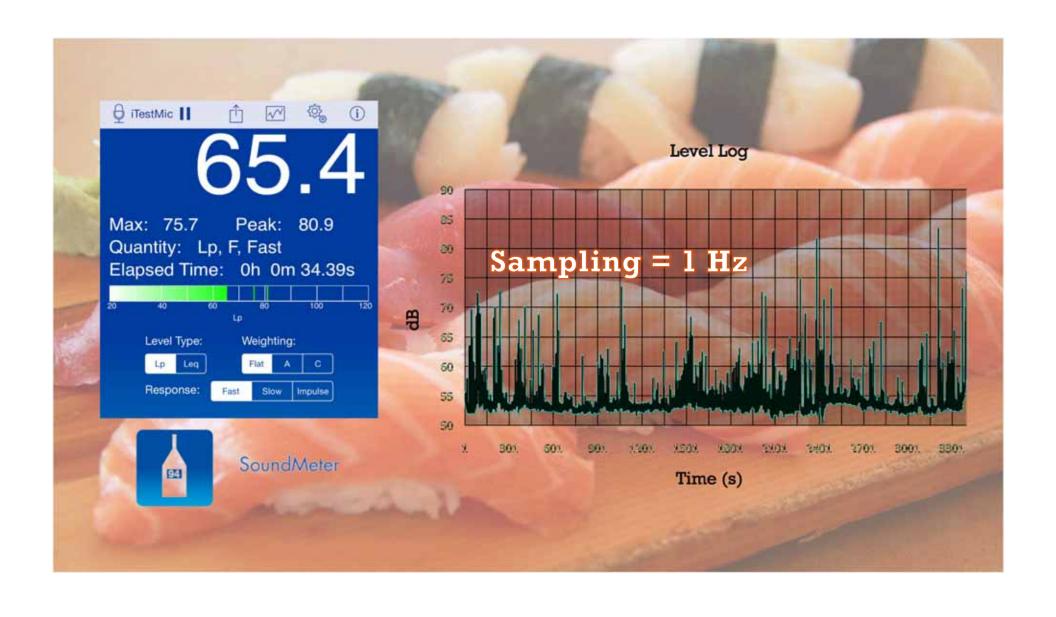
♂&♀

All Ages

<10% >50 dB







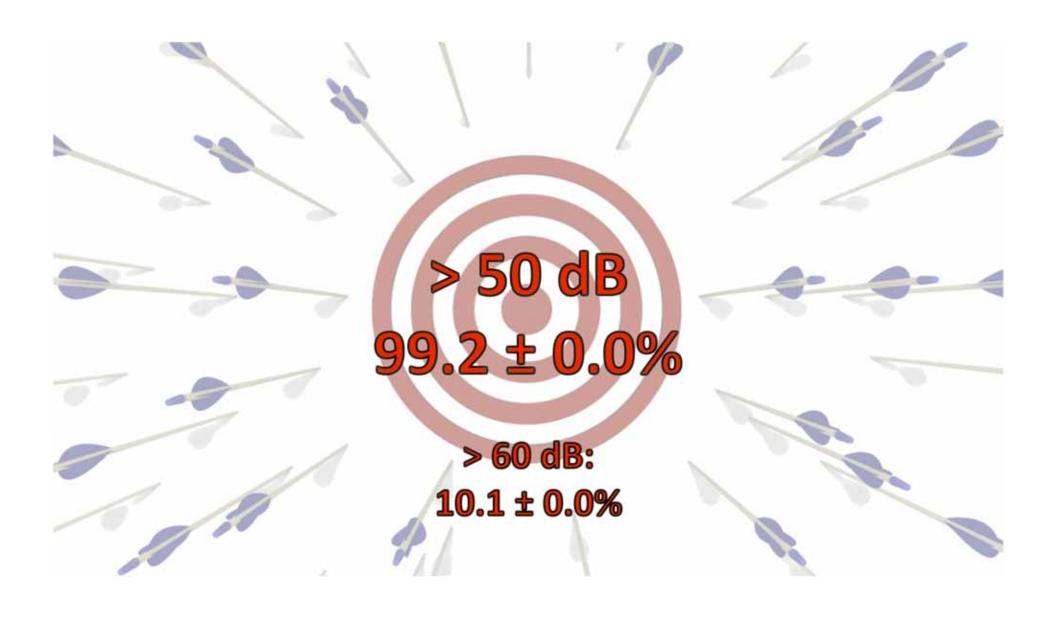
RESULTS

l brain l cardiac 28 oncologic

Avg. uptake time (s): 3551.9 ± 204.6

Avg. Max (dB): 92.3 ± 1

Avg. Range (dB): 33.2 ± 0.8







THANK YOU

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