Trial order

Record ID
{[record_id] text}

_____

Study Arm:
{[studyarm] radio Required}

◯ {1} Resident
◯ {2} Expert

Baseline trials order:
{[trial_order] dropdown Required}

○ {1} ABCDE
○ {2} ABCED
○ {3} ABDCE
○ {4} ABDEC
○ {5} ABECD
○ {6} ABEDC
○ {7} ACBDE
○ {8} ACBED
○ {9} ACDBE
○ {10} ACDEB
○ {11} ACEBD
○ {12} ACEDB
○ {13} ADBCE
○ {14} ADBEC
○ {15} ADCBE
○ {16} ADCEB
○ {17} ADEBC
○ {18} ADECB
○ {19} AEBCD
○ {20} AEBDC
○ {21} AECBD
○ {22} AECDB
○ {23} AEDBC
○ {24} AEDCB
○ {25} BCDEA
○ {26} BCEDA
○ {27} BDCEA
○ {28} BDECA
○ {29} BECDA
○ {30} BEDCA
○ {31} CBDEA
○ {32} CBEDA
○ {33} CDBEA
○ {34} CDEBA
○ {35} CEBDA
○ {36} CEDBA
○ {37} DBCEA
○ {38} DBECA
○ {39} DCBEA
○ {40} DCEBA
○ {41} DEBCA
○ {42} DECBA
○ {43} EBCDA
○ {44} EBDCA
○ {45} ECBDA
○ {46} ECDBA
○ {47} EDBCA
○ {48} EDCBA
○ {49} CDEAB
○ {50} CEDAB
○ {51} DCEAB
○ {52} DECAB
○ {53} ECDAB
○ {54} EDCAB
○ {55} BDEAC
○ {56} BEDAC
○ {57} DBEAC
○ {58} DEBAC
○ {59} EBDAC
○ {60} EDBAC
○ {61} BCEAD
○ {62} BECAD
○ {63} CBEAD
○ {64} CEBAD
○ {65} EBCAD
○ {66} ECBAD
○ {67} BCDAE
○ {68} BDCAE
○ {69} CBDAE

○ {70} CDBAE
○ {71} DBCAE
○ {72} DCBAE
○ {73} DEABC
○ {74} EDABC
○ {75} CEABD
○ {76} ECABD
○ {77} CDABE
○ {78} DCABE
○ {79} DEACB
○ {80} EDACB
○ {81} BEACD
○ {82} EBACD
○ {83} BDACE
○ {84} DBACE
○ {85} CEADB
○ {86} ECADB
○ {87} BEADC
○ {88} EBADC
○ {89} BCADE
○ {90} CBADE
○ {91} CDAEB
○ {92} DCAEB
○ {93} BDAEC
○ {94} DBAEC
○ {95} BCAED
○ {96} CBAED
○ {97} EABCD
○ {98} DABCE
○ {99} EABDC
○ {100} CABDE
○ {101} DABEC
○ {102} CABED
○ {103} EACBD
○ {104} DACBE
○ {105} EACDB
○ {106} BACDE
○ {107} DACEB
○ {108} BACED
○ {109} EADBC
○ {110} CADBE
○ {111} EADCB
○ {112} BADCE
○ {113} CADEB
○ {114} BADEC
○ {115} DAEBC
○ {116} CAEBE
○ {117} DAECB
○ {118} BAECD
○ {119} CAEDB
○ {120} BAEDC
((Anatomy))

Guidance-based trials order:
{[trial_order_2] dropdown Required}

○ {1} A-1 B-2 C-3 D-4 E-5
○ {2} A-2 B-3 C-4 D-5 E-1
○ {3} A-3 B-4 C-5 D-1 E-2
○ {4} A-4 B-5 C-1 D-2 E-3
○ {5} A-5 B-1 C-2 D-3 E-4
((Anatomy-Condition))

Guidance-base Trials (actual order & date completed):
{[trial_order_gb2] textarea}

_____

Demographics & Experience Questionnaire

Sex:
{[sex] radio Required}

- ◯ {1} Female
- ◯ {2} Male
- ◯ {3} Other

Age (years):
{[age] text (integer) Required}

_____

Level of training:
{[level_training] radio Required}

- ◯ {0} Med student/undergrad
- ◯ {1} PGY1
- ◯ {2} PGY2
- ◯ {3} PGY3
- ◯ {4} 1st yr T32
- ◯ {5} 2nd yr T32
- ◯ {6} PGY4
- ◯ {7} PGY4 (T32)
- ◯ {8} PGY5
- ◯ {9} PGY5 (T32)
- ◯ {10} PGY6 (T32)
- ◯ {11} Fellow (1st yr)
- ◯ {12} Fellow (2nd yr)
- ◯ {13} Attending (< 2 yr)
- ◯ {14} Attending (2-5 yr)
- ◯ {15} Attending (>5 yr)

Number of prior cortical mastoidectomy cases:
{[numb_mastoids] radio Required}

- ◯ {0} 0
- ◯ {1} 1-5
- ◯ {2} 6-10
- ◯ {3} 11-15
- ◯ {4} 16-20
- ◯ {5} 21-50
- ◯ {6} 51-100
- ◯ {7} >100

Dominant hand:
{[hand_dom] radio Required}

- ◯ {1} Right
- ◯ {2} Left
- ◯ {3} Both

Height (inches):
{[height] text (float) Required}

_____
((total inches))

Surgical glove size (if single-gloved):
{[glove_size] radio Required}

- ◯ {1} 5
- ◯ {2} 5 1/2
- ◯ {3} 6
- ◯ {4} 6 1/2
- ◯ {5} 7
- ◯ {6} 7 1/2
- ◯ {7} 8
- ◯ {8} 8 1/2

Do you have any experience using virtual reality?
{[vr_experience] yesno Required}

- ◯ Yes
- ◯ No

Details:
{[vr_details] textarea Required}
{Branching logic (show if): [vr_experience] = '1'}

_____

Do you have any experience playing video games? {[videogame_experience] yesno Required}	◯ Yes ◯ No

Details:
{[videogames_details] textarea Required}
{Branching logic (show if): [videogame_experience] =
'1'}

_____

TB Sim Trial OSATS

Trial #:
{[trialid_1] calc Required}

_____

Evaluator initials:
{[attendingeval_initials] text Required}

_____

Task based checklist:

Initial bone cuts: placement of superior cut
{[tbc1] radio Required}

- ◯ {1} 1
- ◯ {2} 2
- ◯ {3} 3
- ◯ {4} 4
- ◯ {5} 5
- ◯ {99} NA

Initial bone cuts: placement of canal cut
{[tbc2] radio Required}

- ◯ {1} 1
- ◯ {2} 2
- ◯ {3} 3
- ◯ {4} 4
- ◯ {5} 5
- ◯ {99} NA

Defining anatomic limits: identification and
definition of tegmen
{[tbc3] radio Required}

- ◯ {1} 1
- ◯ {2} 2
- ◯ {3} 3
- ◯ {4} 4
- ◯ {5} 5
- ◯ {99} NA

Defining anatomic limits: sharpen posterior EAC cortex

{[tbc4] radio Required}

- ◯ {1} 1
- ◯ {2} 2
- ◯ {3} 3
- ◯ {4} 4
- ◯ {5} 5
- ◯ {99} NA

Defining anatomic limits: define sigmoid sinus and
sinodural angle
{[tbc5] radio Required}

- ◯ {1} 1
- ◯ {2} 2
- ◯ {3} 3
- ◯ {4} 4
- ◯ {5} 5
- ◯ {99} NA

Open antrum: deepen dissection at sinodural angle
{[tbc6] radio Required}

- ◯ {1} 1
- ◯ {2} 2
- ◯ {3} 3
- ◯ {4} 4
- ◯ {5} 5
- ◯ {99} NA

Open antrum: open antrum from posterior to anterior
{[tbc7] radio Required}

- ◯ {1} 1
- ◯ {2} 2
- ◯ {3} 3
- ◯ {4} 4
- ◯ {5} 5
- ◯ {99} NA

Open antrum: atraumatic exposure of short process of incus {[tbc8] radio Required}	○ {1} 1 ○ {2} 2 ○ {3} 3 ○ {4} 4 ○ {5} 5 ○ {99} NA
Digastric dissection: define cephalic edge of digastric muscle {[tbc9] radio Required}	○ {1} 1 ○ {2} 2 ○ {3} 3 ○ {4} 4 ○ {5} 5 ○ {99} NA
Digastric dissection: follow to SMF {[tbc10] radio Required}	○ {1} 1 ○ {2} 2 ○ {3} 3 ○ {4} 4 ○ {5} 5 ○ {99} NA
Thin posterior EAC cortex (translucent): view posterior EAC en face {[tbc11] radio Required}	○ {1} 1 ○ {2} 2 ○ {3} 3 ○ {4} 4 ○ {5} 5 ○ {99} NA
Thin posterior EAC cortex (translucent): use side/front of appropriate bur {[tbc12] radio Required}	○ {1} 1 ○ {2} 2 ○ {3} 3 ○ {4} 4 ○ {5} 5 ○ {99} NA
Thin posterior EAC cortex (translucent): saucerization {[tbc13] radio Required}	○ {1} 1 ○ {2} 2 ○ {3} 3 ○ {4} 4 ○ {5} 5 ○ {99} NA
Open facial recess: even removal of infralabyrinthine bone {[tbc14] radio Required}	○ {1} 1 ○ {2} 2 ○ {3} 3 ○ {4} 4 ○ {5} 5 ○ {99} NA
Open facial recess: medial thinning of EAC cortex {[tbc15] radio Required}	○ {1} 1 ○ {2} 2 ○ {3} 3 ○ {4} 4 ○ {5} 5 ○ {99} NA

Open facial recess: identify and preserve VII and chorda tympani {[tbc16] radio Required}	◯ {1} 1 ◯ {2} 2 ◯ {3} 3 ◯ {4} 4 ◯ {5} 5 ◯ {99} NA
Open facial recess: identify ME anatomy {[tbc17] radio Required}	◯ {1} 1 ◯ {2} 2 ◯ {3} 3 ◯ {4} 4 ◯ {5} 5 ◯ {99} NA
Open facial recess: decompress facial nerve to SMF {[tbc18] radio Required}	◯ {1} 1 ◯ {2} 2 ◯ {3} 3 ◯ {4} 4 ◯ {5} 5 ◯ {99} NA
Posterior atticotomy: thin superior EAC cortex {[tbc19] radio Required}	◯ {1} 1 ◯ {2} 2 ◯ {3} 3 ◯ {4} 4 ◯ {5} 5 ◯ {99} NA
Posterior atticotomy: thin anterior tegmen {[tbc20] radio Required}	◯ {1} 1 ◯ {2} 2 ◯ {3} 3 ◯ {4} 4 ◯ {5} 5 ◯ {99} NA
Posterior atticotomy: remove intervening bone {[tbc21] radio Required}	◯ {1} 1 ◯ {2} 2 ◯ {3} 3 ◯ {4} 4 ◯ {5} 5 ◯ {99} NA
Posterior atticotomy: identify epitympanic anatomy to supratubal recess {[tbc22] radio Required}	◯ {1} 1 ◯ {2} 2 ◯ {3} 3 ◯ {4} 4 ◯ {5} 5 ◯ {99} NA

Global rating scale

Understanding of indications/objectives for surgery
{[grs1] radio Required}

○ {1} 1
○ {2} 2
○ {3} 3
○ {4} 4
○ {5} 5
○ {99} NA

Interpretation of preoperative tests
{[grs2] radio Required}

○ {1} 1
○ {2} 2
○ {3} 3
○ {4} 4
○ {5} 5
○ {99} NA

Use of otologic skills
{[grs3] radio Required}

○ {1} 1
○ {2} 2
○ {3} 3
○ {4} 4
○ {5} 5
○ {99} NA

Knowledge of instruments:
{[grs4] radio Required}

○ {1} 1
○ {2} 2
○ {3} 3
○ {4} 4
○ {5} 5
○ {99} NA

Use of microscope:
{[grs5] radio Required}

○ {1} 1
○ {2} 2
○ {3} 3
○ {4} 4
○ {5} 5
○ {99} NA

Respect or surgical limits
{[grs6] radio Required}

○ {1} 1
○ {2} 2
○ {3} 3
○ {4} 4
○ {5} 5
○ {99} NA

Time and motion
{[grs7] radio Required}

○ {1} 1
○ {2} 2
○ {3} 3
○ {4} 4
○ {5} 5
○ {99} NA

Knowledge of specific procedure
{[grs8] radio Required}

○ {1} 1
○ {2} 2
○ {3} 3
○ {4} 4
○ {5} 5
○ {99} NA

Flow of operation {[grs9] radio Required}	◯ {1} 1 ◯ {2} 2 ◯ {3} 3 ◯ {4} 4 ◯ {5} 5 ◯ {99} NA
Overall surgical performance {[grs10] radio Required}	◯ {1} 1 ◯ {2} 2 ◯ {3} 3 ◯ {4} 4 ◯ {5} 5 ◯ {99} NA

NASA-TLX Survey

Trial #:
{[trialid_2] calc Required}

_____

HDF5 Associated Trial

{[hdf5_trial] text (integer)}

_____

Guidance Method
{[guid_method] radio}

⭕ {1} baseline
⭕ {2} visual
⭕ {3} audio
⭕ {4} haptic

Anatomy Letter
{[anatomy] text (alpha_only)}
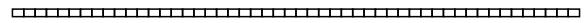
_____

How mentally demanding was the task?
{[mental] slider (number Max: 20) Required}

Very high, {Very low | | Very high}

Very low

(Place a mark on the scale above)

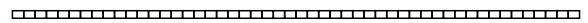How physically demanding was the task?
{[physical] slider (number Max: 20) Required}

Very high, {Very low | | Very high}

Very low

(Place a mark on the scale above)

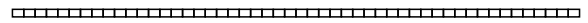How hurried or rushed was the pace of the task?
{[temporal] slider (number Max: 20) Required}

Very high, {Very low | | Very high}

Very low

(Place a mark on the scale above)

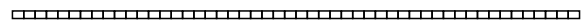How successful were you in accomplishing what you were asked to do?
{[performance] slider (number Max: 20) Required}

Very high, {Very low | | Very high}

Very low

(Place a mark on the scale above)

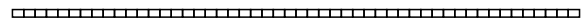How hard did you have to work to accomplish your level of performance?
{[effort] slider (number Max: 20) Required}

Very high, {Very low | | Very high}

Very low

(Place a mark on the scale above)

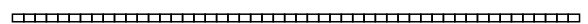How insecure, discouraged, irritated, stressed and annoyed were you?
{[frustration] slider (number Max: 20) Required}

Very high, {Very low | | Very high}

Very low

(Place a mark on the scale above)