PSG Receipt

ChildHood AdenoTonsillectomy Study

ID: _____

Date of Study:

Date received:	Unit ID:	Site Number: ☐ 10-CHOP ☐ 20-CINN ☐ 30-CLD ☐ 40-LVL
Week ending date: *staendt*	Tech ID:	Study Type: ☐ Baseline(1) ☐ 7-Month(2) ☐ Cert(3) ☐ Maint(4)
Date Reviewed:	Study Passed? *status* ☐ (1) Yes ☐ (2) No - Failed at RC ☐ (3) No - Study Not Sent	
Reviewed by:	Failure Reason: _____ Reason Codes for Failure: 1-Oximetry; 2-EEG; 3-Short Recording; 4-Multiple; 5-Equipment-Unknown; 6-Respiratory; 7-Corrupted file – no back up 8 - Other	

Comments: _____ *rsnco* _____

QS Form

Time to bed (Tech Reported LO) :	Total time in bed: hrs min	Scorer ID:
Lights out (Scorer) : *stloutp*	Total sleep time: hrs min	Date received: *rcvddt*
Sleep onset:	Eligible: ___ (1) Ineligible: ___ (0)	Date scored: *scordt*
Lights on: *stlonp*	*qsahi* *qsoai*	*staendt*

First data entry (Initials)

Second data entry (Initials)

Signals	Approximate hours of usable signal in sleep	Signal quality					
E1	*eogldur*	1	2	3	4	5	*queogl*
E2	*eogrdur*	1	2	3	4	5	*queogr*
Chin	*chindur*	1	2	3	4	5	*quchin*
C3	*c3dur*	1	2	3	4	5	*quc3*
C4	*c4dur*	1	2	3	4	5	*quc4*
O1	*o1dur*	1	2	3	4	5	*quo1*
O2	*o2dur*	1	2	3	4	5	*quo2*
F3	*f3dur*	1	2	3	4	5	*quf3*
F4	*f4dur*	1	2	3	4	5	*quf4*
T3	*t3dur*	1	2	3	4	5	*qut3*
T4	*t4dur*	1	2	3	4	5	*qut4*
M1	*m1dur*	1	2	3	4	5	*qum1*
M2	*m2dur*	1	2	3	4	5	*qum2*
ECG	*hrdur*	1	2	3	4	5	*quhr*
Lleg	*legldur*	1	2	3	4	5	*qulegl*
Rleg	*legrdur*	1	2	3	4	5	*qulegr*
Snore	*snordur*	1	2	3	4	5	*qusnor*
*CannulaFlow	*candur*	1	2	3	4	5	*qucan*
*Airflow	*airdur*	1	2	3	4	5	*quair*
Chest	*chestdur*	1	2	3	4	5	*quchest*
ABD	*abdodur*	1	2	3	4	5	*quabdo*
SUM	*sumdur*	1	2	3	4	5	*qusum*
Cap	*capdur*	1	2	3	4	5	*qucap*
EtCO2		1	2	3	4	5	*quco2*
Oximetry	*oximdur*	1	2	3	4	5	*quoxim*
Pleth	*pwfdur*	1	2	3	4	5	*qupwf*
Position	*psndur*	1	2	3	4	5	*qupsn*

Individual Signal Grading:

1. Signal good for less than 25% of sleep time.
2. Signal good for 25% of sleep time.
3. Signal good for 50% of sleep time.
4. Signal good for 75% of sleep time.
5. Signal good for almost entire (95%) sleep time.

Overall Study Quality: *overall*

☩ (7) **Outstanding.** All signals (EEG+M1,M2, both EOGs, chin, airflow, cannula flow, both belts, EtCO2 and oximetry) good for at least 6 hours lights off to lights on and almost entire (95%) sleep time.

☩ (6) **Excellent.** At least one central EEG (C3 or C4), one EOG channel, chin, airflow, both belts or cannula flow, and oximetry good for 6 hours lights off to lights on and minimum of 75% of the sleep time.

☩ (5) **Very good.** At least one central EEG (C3 or C4), one EOG, airflow, one belt (either thoracic or abdominal) or cannula flow, and oximetry good for 6 hours lights off to lights on and minimum of 50% of the sleep time

☩ (4) **Good.** At least one central EEG (C3 or C4), one EOG, one respiratory channel (any flow (*) or either band), and oximetry good for 6 hours lights off to lights on and minimum of 50% of the sleep time

☩ (3) **Fair.** At least one central EEG (C3 or C4), one respiratory channel (any flow (*) or either band), oximetry usable for minimum of 4 hours lights off to lights on OR study scored sleep/wake only (because of study-tolerance issues) with usable oximetry for >75% of study duration.

Scored Sleep/Wake only: ⋯ (1) Yes   ⋯ (0) N

slewake

Reference 1= Good 2 = Problem

quref		(If "2" explain in notes)

	Yes (1)	No (0)	Comments
Eligible – But Surgeon should be notified of PSG results below			
1. OAI > 15 or AHI > 20			ahiov20
2 SaO2 <92% for >2% of sleep time			sao2lt92
PSG Ineligible Urgents			Urgent Referral Alert to Study Coordinator
3. Urgent Referral – OAI >20 or AHI > 30			ahiov30
4. Urgent Referral - SaO2 <90% >2% sleep time			sao2lt90
5. Urgent - Problem HR <40 bpm or >140 bpm > 2 mins			uruhrou
6. Urgent - Other HR arrhythmia, heart block, V-Tach, etc.			unuhroth
Other Exclusion/Ineligible Criteria			
7. Apnea Hypopnea in normal range OAI <1 and AHI <2			ahilt2
8. Data lost - Recording ended before waking			receaw
9..Data lost - Recording began in sleep			losbeg
10. Data lost - Other			losoth
11. Scoring stage Wake/Sleep unreliable			wakslepr
12. Scoring Stage 1/ Stage 2 unreliable			stg1stg2r
13. Scoring Stage 2/ Deep sleep unreliable			stg2stg3pr
14. Scoring REM/NREM unreliable			remnrempr
15. Scoring arousals unreliable			arunrel
16. Scoring arousals in REM (only) unreliable			remarunrel
17. Scoring respiratory events (RDI) unreliable			respevpr
18. Scoring Apnea/Hypopnea unreliable			apnhyppr
19. Abnormal EEG background/waveforms			abnoreeg
20. Physiologic alpha intrusion			alpdel
21. Periodic breathing ≥ 10 min			period
22. Flow limitation			npflow
23. Extreme staging distribution			unustgou
24. Arousal Index < 3 verified			arsl3ou
25. Max length respiratory event >30s verified			maxresou30
26. PLM > 25 verified (must be in sleep)			plmou25
27. Other outlier			otherou

Scorer Comment **Signal Quality Issues**   _____
Scoring issues (inputs, filters, etc…)_____
_____
                                                                                                                    _____