

Appendix B

EXAMPLE of an Impairment Summary Sheet

YES/NO Counts by Behavioral Category

DRIVING-RELATED SKILLS PERFORMANCE IMPAIRMENT as a function of ANTIHISTAMINE (Drug/Dose), TASK CATEGORY and DOSING (Acute/Repeated)

Results shown for:

TASK CATEGORY:
DRIVING & PILOTING
SC#: 1 (1R,1C,1S,1P)
 Road, Circuit, Simulators

DOSING:
ACUTE

Total #
Tests: 55

NOTE: RESULTS shown are from data coded for Total of n=138 separate studies as reported in 130 scientific papers.
 TABLE below reflects results from #STUDIES: 17
 cited in #REFS: 16
 Results of Query: #data lines: 22

1st generation:

DRUG CODE & Dose [mg]	D1: CHLORPHENIRAMINE			D2: CLEMASTINE			D3: DIPHENHYDRAMINE			D4: HYDROXYZINE			D5: TRIPOLIDINE			
	D1-4	D1-8	D1-16	D2-1	D2-2	D2-3	D2-4	D3-25	D3-50	D3-75+	D3-150+	D4-10	D4-25	D4-50	D5-5	D5-10+
23 #tests:	1	0	0	0	0	1	0	1	4	1	0	0	0	0	0	4
12 #NO:	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	4
11 #YES:	1	0	0	0	0	1	0	0	3	0	0	0	0	0	0	4
47.8% %YES:	ERR	ERR	ERR	ERR	100.0%	100.0%	ERR	ERR	75.0%	0.0%	ERR	ERR	ERR	ERR	ERR	33.3%
CHLORPHENIRAMINE across doses																
#tests:	1	0	0	0	0	1	0	1	4	1	0	0	0	0	0	4
#NO:	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	4
#YES:	1	0	0	0	0	1	0	0	3	0	0	0	0	0	0	4
100.0% %YES:	ERR	ERR	ERR	ERR	100.0%	100.0%	ERR	ERR	75.0%	0.0%	ERR	ERR	ERR	ERR	ERR	33.3%
DIPHENHYDRAMINE across doses																
#tests:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#NO:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#YES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0% %YES:	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	0.0%	0.0%	ERR	ERR	ERR	ERR	ERR	0.0%
HYDROXYZINE across doses																
#tests:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#NO:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#YES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0% %YES:	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	0.0%	0.0%	ERR	ERR	ERR	ERR	ERR	0.0%
TRIPOLIDINE across doses																
#tests:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#NO:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#YES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0% %YES:	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	0.0%	0.0%	ERR	ERR	ERR	ERR	ERR	0.0%

2nd generation:

DRUG CODE & Dose [mg]	M1: ASTEMIZOLE			M2: CETIRIZINE			M3: FEXOFENADINE			M4: LORATADINE			M5: TERFENADINE			
	M1-10	M1-20	M1-30	M2-5	M2-10	M2-20	M3-60	M3-120	M3-240	M4-10	M4-20	M4-40	M5-60	M5-120	M5-240	
32 #tests:	0	0	0	0	1	4	0	0	1	1	1	0	0	0	0	
28 #NO:	0	0	0	0	1	3	0	0	1	1	1	0	0	0	0	
4 #YES:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
12.5% %YES:	ERR	ERR	ERR	ERR	0.0%	25.0%	ERR	ERR	0.0%	0.0%	0.0%	ERR	ERR	ERR	0.0%	
ASTEMIZOLE across doses																
#tests:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#NO:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#YES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.0% %YES:	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	
CETIRIZINE across doses																
#tests:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#NO:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#YES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.0% %YES:	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	
FEXOFENADINE across doses																
#tests:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#NO:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#YES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.0% %YES:	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	
LORATADINE across doses																
#tests:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#NO:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#YES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.0% %YES:	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	
TERFENADINE across doses																
#tests:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#NO:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#YES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.0% %YES:	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	

RESULTS in above table are from the following studies, REFERENCE numbers of research articles are shown:

Ref#: see master list for SC#: 1 (1R,1C,1S,1P)