APPENDIX 8

Induction of asthma – children.

Detailed structure of the relative risk database

Records, cards and fields are as explained in Appendix 7.

Card Name	Field Name	Short Name	Position	Short Name	Number	Type	
RR Description		RRDEF	1				
	Number of RR within study			NRR	8	Measured+v	(1 to 440)
	Sex			RSEX	9	Graded>0	(system 36)
	Lowest age in RR			rAGELO	10	Measured+v	(0 to 99)
	Highest age in RR			rAGEHI	11	Measured+v	(0 to 99)
	Race			rRACE	12	Graded	(system 15)
	Time of asthma			rASTIM	58	Graded>0	(system 38)
	Onset			ONSET	59	Presence	(system 6)
	Odds ratio for onset analysis			ODDSON	62	Presence	(system 6)
	Exposure type			EXPOS	40	Graded>0	(system 29)
	Parents - who smoked			WHOPAR	36	Graded	(system 25)
	Household - who smoked			WHOHOU	41	Graded>0	(system 30)
	Total - who smoked			WHOTOT	42	Graded>0	(system 31)
	Exposure - when smoked			WHESMO	37	Graded	(system 26)
	Biochemical measure - where taken from			BIOMEA	39	Graded	(system 28)
	Biochemical marker			BIOMAR	43	Graded>0	(system 32)
	Dose-response			DOSER	44	Graded>0	(system 35)
	Measure of exposure			MEASEX	51	Graded>0	(system 33)
	Exposed - low value			EXPLO	52	Real	(0.00 to 999.00)
	Exposed - high value			EXPHI	53	Real	(0.00 to 999.00)
	Unexposed - time			UNEXTI	54	Graded>0	(system 27)
	Unexposed - source			UNEXSO	55	Graded>0	(system 37)
	Unexposed - high value			UNEXHI	57	Real	(0.00 to 999.00)
	Factorial combination			FCOMB	60	Graded>0	(system 39)
	Source			SOURCE	46	Character	(50)
RR adjustment		RRADJ	2				
	Adjusted for sex			ADSEX	17	Presence	(system 6)
	Adjusted for age			ADAGE	18	Presence	(system 6)
	Adjusted for race			ADRACE	19	Presence	(system 6)
	Adjusted for other sources of ETS			ADOETS	61	Graded	(system 23)
	Adjusted for other confounders			ADOTHR	20	Graded	(system 23)
RR data		RRDATA	3				
	Cases exposed			CA1	25	Measured	(0 to 99999)
	Cases, unexposed			CA0	26	Measured	(0 to 99999)
	Controls, exposed			CO1	28	Measured	(0 to 99999)
	Controls, unexposed			CO0	29	Measured	(0 to 99999)
	Relative risk			RR	31	Real	(0.00 to 999.00)
	RR lower 95% CL			RRL	32	Real	(0.00 to 999.00)
	RR upper 95% CL			RRU	33	Real	(0.00 to 500.00)
	Derived RR			DERIVE	34	Graded	(system 21)
Discrepancy		DISCR	4				
Derived 2 - Principal/subsid		DER2	5				
	REF group			REFGP	68	Character	(6)
	Principal/subsidiary RR			RPRINC	69	Graded	(system 40)
Derived 3 - RR checks		DER3	6				
	Central RR/CI (should be 1.0)			CENTR	74	Real	(0.000 to 999.000)
	Minimum number of cases (CC/CS study)			MINCAS	75	Real	(0.0 to 999999.0)
	Minimum number of subjects in total (CC/CS study)			MINTOT	76	Real	(0.0 to 9999999.0)
Statistical Information Fields		STI	-1				
	N adjusted for {ADJ }			ADTOT	56	Measured	(0 to 20)

The grading systems used are as follows

Grading System	Level	(character equivalent)
6	1	(x) present
15	2	(w) white
	3	(b) black
	4	(4) white exc hispanic
	5	(5) hispanic white
	8	(8) white + black
	9	(9) jewish
	10	(t) arab
21	1	(1) original
	2	(2) RR/CI from numbers
	3	(3) RR/CI recalc from numbers
	4	(4) combined smoking levels/sum
	5	(5) combined disease levels/sum
	6	(6) other combined/sum
	7	(7) RR/CI calc using 0.5 for 0
	8	(8) converted to 95%
	9	(9) inverted from diff denom
	10	(t) non-significant
	11	(b) significant
	12	(c) read from graph/chart
	13	(d) RR original, CI from P-value
	14	(e) combined smoking levels (F&L)
	15	(f) combined disease levels (F&L)
	16	(g) other combined (F&L)
	17	(h) adj from orig RRs (mini-meta)
	18	(i) combined F&L then adj minimeta
	19	(j) other
	20	(k) RR orig CI est from numbers
	21	(l) other (CI est from numbers)
23	1	(1) 1
	2	(2) 2
	3	(3) 3
	4	(4) 4
	5	(5) 5
	6	(6) 6
	7	(7) 7
	8	(8) 8
	9	(9) 9
	10	(a) 10
	11	(b) 11
	12	(c) 12
	13	(d) 13
	14	(e) 14
	15	(f) 15
	16	(g) 16
	17	(h) 17
	18	(i) 18
	19	(j) 19+
	20	(k) +ive but unknown
25	1	(1) Mum (and not dad)
	2	(2) Mum (dad unspecified)
	3	(3) Dad (and not mum)
	4	(4) Dad (mum unspecified)
	5	(5) Parents (both)
	6	(6) Parents (unspecified)
	7	(7) Mum or Dad (not both)

26
1 (1) Pre conception
2 (p) During pregnancy
3 (3) Since birth
4 (4) Before birth (1or2)
5 (5) After conception (2or3)
6 (e) Ever (1or2or3)
7 (u) Unspecified
8 (c) Current
9 (x) Ex
10 (a) Last 5 years
11 (b) Age <3
12 (2) Ever, up to 1 yr ago
13 (d) Age <2
14 (6) Age <1
15 (f) At time of birth/up to 1m
16 (g) Since birth but not current
17 (h) Age <7
18 (i) Ever but not during pregnancy
19 (j) Age <6 months
20 (k) At age 18 months
21 (l) Since conception but not curr
22 (m) At age 13-15 yrs
23 (n) Age <6
24 (o) Age <5
25 (q) Age 9-16 yrs
26 (r) during pregnancy or at 2m
27 (s) at age 2

27
1 (1) non
2 (2) never
3 (3) non+other

28
1 (1) saliva
2 (2) blood
3 (3) exhaled air
4 (4) urine
5 (5) hair

29
1 (p) Parents (active smoking)
2 (2) Parents (passive smoking)
3 (h) Household
4 (t) Total
5 (b) Biochemical
6 (6) in utero x parent
7 (7) in utero x household
8 (8) in utero x total
9 (9) in utero x biochem

30
1 (a) all
2 (2) other than parents (+/-parent)
3 (s) siblings
4 (g) grandparents
5 (5) other than mother (+/-mother)
6 (6) other than parent (-parents)
7 (7) other than mother (-mother)
8 (8) grandfather

31
1 (1) total NOS
2 (2) home and leisure
3 (3) home and peers
4 (4) home and day care

32
1 (1) cotinine
2 (2) thiocyanate
3 (3) CO
4 (4) COHb
5 (5) nicotine
6 (6) cotinine/creatinine ratio

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33      1 (1) yes/no
        2 (n) cigarettes/day
        3 (y) years
        4 (4) pack-years
        5 (m) minutes/day
        6 (l) level (semi-quantitative)
        7 (p) persons
        8 (8) ng/ml
        9 (9) mmol/l
       10 (a) cigarettes/day +ve (smkr only)
       11 (b) ng/mg
       12 (c) ng/ml/mg
       13 (d) days/month

35      1 (1) all (not dose response)
        2 (2) level 1
        3 (3) level 2
        4 (4) level 3
        5 (5) level 4
        6 (6) level 5
        7 (7) level 6
        8 (8) level 7
        9 (9) level 8
       10 (a) level 9
       11 (b) per unit dose regression
       12 (c) dose response other
       13 (d) dose response partial

36      1 (b) both
        2 (m) male
        3 (f) female

37      1 (1) none (or low)
        2 (2) none in household
        3 (3) not specified household member
        4 (4) neither parent
        5 (5) not specified parent

38      1 (l) lifetime
        2 (c) current

39      1 (1) combination 0-1
        2 (2) combination 0-2
        3 (3) combination 0-3
       10 (a) combination 1-0
       11 (b) combination 1-1
       12 (c) combination 1-2
       13 (d) combination 1-3
       20 (k) combination 2-0
       21 (l) combination 2-1
       22 (m) combination 2-2
       23 (n) combination 2-3

40      1 (1) principal
        2 (2) subsidiary study
        3 (3) interim follow-up (latest)
        4 (4) interim follow-up (2nd last)
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