PRACTICE OBSERVED

Practice Research

Outcome of respiratory illness occurring in the first year of life

C I WATKINS, Y SITTAMPALAM, I BARTHOLOMEW

This paper is the sequel to the paper that described the pattern of respiratory illness in children in the first year of life presenting to general practitioners and the influence of seasonal factors and social and family health variables. The study described in this second paper examined the relation of the different patterns of illness and the influence of family and social variables to the outcome of respiratory disease by following up the burk chort to age five years.

Department of General Practice, United Medical and Deatal Schools of Gry's and St Thomas's Hospitals, 80 Kennington Road, London SE11 6SP C, WATKINS, PRO, PROF. P

ondence to: Dr Watkins

The aim was to find a way to identify groups of children at risk of subsequent chronic lung disease on whom preventive efforts could be concentrated.

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Frequency of respirators vilness	No № available for follow up :n=404	No (%) loss to follow up (n = 102)	No. %) who failed to provide satisfactory PEF readings (n - 36)	No: %) who provided complet data for analysis (n=266)	
Lower respiratory illness twice or more	49-12-1:	11:10:8:	8:22-2	30 (1) 3	
Sex of infant make	204 50 4	51.50	12 (33-3	141 (53:0:	
Father's occupation - manual	228 56 4	\$6 54 9:	22 (62 %)	150 56 3	
Sharing a bedroom with an adult or a child	300 (74-3)	76 (74.5)	29 (80 6)	195 : 73:3:	
No of children either or both of whose parents					
smoked	252 (62 3	71 (69-6)	23 (65:7)	158 (59-3-	
No of chaldren with a parent with a productive					
morning cough	140 34 6	33 (32.4)	14 (40.0)	93 / 35 0:	
No of children with a parent reporting asshma or					
wherere	128:31 7.	35 (34-3)	14 (40:0)	79 (30-0)	
No of sublanes of school are	141 : 34 9:	29 28 4	17 (47:2	95 (35-7	
No breast fed ever	254 : 62 9	62 (60:3)	25:69:41	167 (62-8)	
Gas used for cooking	311 - 12 4	25 (23 3	31 (86-1)	217:81:6	

Experience of respiratory illness	No of children	Mean (SD) peak expiratory flow rate (Umin)*	Significance level
None	55	163 8 (1-99)	-
Upper respiratory illness only	114	163 2 - 2 20	p>0 10
Lower respirators illness once	67	162 9 (2:32)	p>0 10
Lower respiratory sliness more than once	90	153 4 (2.59)	p< 0:05

Variable	No	Mesn (SD) peak experatory flow (Final)†	Signaficance level	
Sea				
Maic	141	165-2 (2-50)	p< 0.05	
Female	125	157 8 3 641	p. 0 0 s	
Father's occupation*				
Non-manual	114	165 7 (5:35)	o< 0.05	
Manual	152	154 4:148	p=000	
Shares a bedriven with an adult or				
another child				
No	70	E64 1 -3 541	p~ 0.05	
Yes	196	158 2 3 23	p<0.00	
Parental curarette smokung*				
Neither 95 160.2 (5.47)		160 7 (5 47)		
Father or both	158	161 713 561	p>0.05	
Parental cough phicem*				
Norther	160	162 5 (5 28)		
Eather or both	93	159 3 3 60	p:-0:05	

BRITISH MEDICAL JOURNAL VOLUME 293 11 OCTOBER 1986 TABLE IV—Relation between peak expension; flow rase and parent's occupation, set, and frequency of lower respiratory library								
Parent's occupation	No lower respiratory illness		Lower respiratory diness once only		Two or more episodes of lower respiratory sliness		Total	
	Mean (SD) PEF*	No	Mean (SD) PEF*	No	Meso (SD) PEF*	No	Mean SD: PEF*	No
on-manual								
Boys	169:7 (5:15)	35	183-6 (7-07)	13	189 4 (13.9)	3	174 4 4 03	51
Gerts	158-1 (2-65)	41	153 8 (3-27)	10	150 0	t	157 1 2 38	51
annai								
Boys	161-2 (2-62)	45	162 7 (2:99)	21	149-6 (3.93)	13	159:7:2:27	7
Sarts	164 2 (2-65)	40	150 4 (3 01)	20	149 4 13 96	ii	158 1 (2.30)	,
XIII	163 0 (3-31)	161	161-6(2-81)	ü	153 8 (5 29)	28	161 7 (1 84	25

consequent sampling error. We have no other course, and consequent sampling error whose fathers are in non-manual course offer exception of boys whose fathers are in non-manual coupstions, this study confirms an association between recurrent lower respiratory illness in infancy and a significantly diminished peak expiratory fine at the age of 5. The question remains open as to what is the nature of this relation. One suggestion is that these illnesses are due to infections which result in permanent damage to the small airways or lung parenchyma. Support for a hypothesis of infection comes from the winter peak of lower respiratory illness

- I. Wathan C.J. Sminnjolam Y. Morrell D.L. Leeder SR. Letton E. Patterto el respirator direct and 2. Nidele Jr. M. Welderburn R.W.M. Generalized hazar anders. Journal of the French Santon of States (1972), 183–184.

 Letton SR. Gerblan C.T. Wersch, M.J. Milland W.W. Code, J. F. Ladarer, of previous and Letton SR. Gerblan C.T. Wersch, M.J. Milland W.W. Code, J. F. Ladarer, of previous design of the Code of the Cod

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7. Which fixed is a good source of protein. B vitamins, and iron, is low in cholesterol, and is relatively cheep?

1. Surface are a good source of dishortwish checks letted true or talse.

10. Which of these creats has the most effective fibre content?

11. Which of the certain has the most effective fibre content?

12. Surface are a good source of dishortwish checks letted true or talse.

13. Pulled When the certain has the most effective fibre content?

14. Which sugar has the highest energy value valories.

15. Which sugar has the highest energy value valories.

Doctors as nutrition educators? Part I

MARGARET B CLARK, ELIZABETH M EVANS, MARGARET B HAMILTON-SMITH

- 1) How dangerous is if or our patients to set foods including E300°
 2). What is the minimum recommended fluid intake a day for an adult?
 3. When it is the minimum recommended fluid intake a day for an adult?
 4. Which contains the most energy value caloners, a can of Carberg beer or a can of Dee Phis?
 5. Given their reconsists when infants should not be weared on to goal's milk.
 6. Which vitamin is likely to be deficient in the diet of the housebound clerky person?

Bath District Health Authority
MARGARET B CLARK, DIPD. SRD, district nutrition and dietetic manager

Swindon Health Authority ELIZABETH M EVANS, DIPD, SRD, senior dictitian

Winchester Health Authority
MARGARET B HAMILTON-SMITH, asc, srp. district nutrition and dieters, manager

Correspondence to: Mrs M B Hamilton-Smith, Royal Hampshire County Hospital, Romsey Road, Winchester SO22 5DG.

11 Which sugar has us tops in a secrote
a sucrote
a sucrote
c fraction
d maliodestran
els lacroe
la fraction
d maliodestran
els lacroe
la fraction
d maliodestran
els lacroe
la Buchan
b Krona
ic Forna
d Summer Gounty
d Summer Gounty
ff Sovia
[g] Gold
h) Outline

See below for the answers