Critical Review: Possible Causative Factors Related to the Occurrence of Otitis Media among Native North American Children

Co sine , MC C C ndid te in A dio ogy Choo of Co nic tion Ceiences nd Disorders, O

L his critic re iq. e_{x} ines the possible c s ti e f ctors re ted to incre sed incidence nd pre ence r tes of otitis edi ong N ti e North

Solution Solution Solution

D t Co ection

 $\begin{array}{c} \textbf{ferches} & \text{sing the fore entioned d t } \textbf{b} \text{ ses} \\ \text{yie ded} & \text{st dies}_{yy} \text{ ith the } \textbf{b} \textbf{o} \text{ e st ted se ection} \\ \text{criteri} & \textbf{ft dy designs inc} & \text{de cohort} & \text{critic} \\ \text{re i} \textbf{e}_{y} & \text{nd} \quad \textbf{a} \quad \text{ntit ti e c se st dy obser tions of} \\ \text{he th records} & \text{nd} \quad \textbf{a} \quad \text{si e}_{y} \textbf{peri ent} \\ \text{co p r ti e} \end{array}$

Results

eery *et al.* condicted \mathbf{i} si experient coprtie st dy to obsere E st chin \mathbf{i} be E t be entition f nction in N tie A eric ns Ap che N ti es_w ere tested r nging in ge fro ye rs fro ye rs, nd fro ve rs

fro λ ye rs enti tion f nction of the E t be_{vv} s recorded sing speci recorder_{vv} ith p p press re, nd f φ_v eter pp r t s A f oto ryngo ogic e x in tion_{vv} s so perfor ed on e ch s blect in o ing otoscopy nd n soph ryngoscopy Airf φ_v w s gener ted nd contro ed in order to open the E st chi n be of the s blect

nf tions def tion testing_w s perfor ed first Once the E st chi n t be h d been opened, irf q_{x} _w s stopped to q_{x} the idd e e r to reg in eq iz tion thro gh c os re of the E st chi n t be the idd e e r press re of the s b ect_w s then expos re to s o e_{yx} ith the incidence of otitis edi M tern history of otitis edi $_{yx}$ s signific nt y re ted to chi d s incre sed incidence for contr cting otitis edi \downarrow his indic tes genetic predisposition to otitis edi for Aborigin chi dren D e_{x} i y et al. tte pted to obser e the prent effects of h r f org noch orine co po nds in n it other s bre st i nd these co po nds ssoci tion $_{yx}$ ith the incidence of otitis edi in their inf nts Org noch orine co po nds re often fo nd in the en iron ent $_{yy}$ hich co e fro n ber of po ti e so rces \downarrow he co po nds re

often fo nd in species s ch s po r be r, be g nd se in_{y} hich the n it find s sten nce

his cohort st dy e_X ined n it_w o en w hog e birth fro 1 y to cepte ber D t_w s i be for of the other s inf nts Q estionn ires_w ere gi en to others to obt in infor tion on residence, postn t tern body w eight, pregn ncy d r tion, nd bre st feeding history oth bott e fed nd bre st fed inf nts_w ere e_X ined d e to the other s pren t e_X pos re to in estig tors d it this y be d e to $\mathbf{\hat{u}}$ estion b e c s re tionships, s nothing \mathbf{w} s fo nd to be signific nt for ny indi id oc tion F rther ore, res ts_w ere often high y ri b e nd inconsistent Ag in, sing chi s re testing, no signific nce

Soci nd Ed c tion Consea ences P rtic r y for C n di n n it, M, tis, nd First N tions Chi dren nd Ado escents *Health Canada, Learning and Communication Task Force*

- y, th een A, Pirie, Phy is L, Rhodes, ristine L, ... nter, Lis L, D ey, Cynthi S E r y Otitis Medi ong Minnesot A eric n ndi ns h he Litt e E rs St dy American Journal of Public Health, 97,
- De i y, Eric, Ayotte, Pierre, r ne , C z nne, Gingr s, C z nne, e es s es M rthe, Roy R yn d C sceptibility to nfections