Disrupted Ecology May Protect La. From West Nile

BY MICHELE G. SULLIVAN Mid-Atlantic Bureau

mosquito-eradication program is underway in storm-ravaged Gulf coast states, and federal officials hope that effort, combined with the hurricane's impact on the vector cycle, will prevent a surge in West Nile virus and other mosquito-borne diseases.

The aerial spray program began in mid-September and will continue as long as is

ΠΔΡΤΔΩΕΙ [®]

Diphtheria and Tetanus Toxoids and

Acellular Pertussis Vaccine Adsorbed

necessary to control mosquito populations, according to the Louisiana State Department of Health.

Although the huge expanses of standing floodwaters are conducive to a mosquito population explosion, the total disruption of the region's normal ecology may discourage mosquito-borne epidemics, said Jennifer Morcone, a spokesperson for the Centers for Disease Control and Prevention.

"Historically, we have not seen increas-

R only

es in these diseases after a storm like this," she said. "You need a bird population to fuel the transmission cycle and, right now, the bird population in these areas is almost nonexistent."

However, she said, the CDC has deployed entomologists to monitor mosquito populations and to assist with vector control in the affected areas.

The Louisiana Department of Health and Hospitals-in coordination with the Louisiana Department of Agriculture

DAPTA	CEL®							B	anly 🖁	EVENT
BRIEF SUMMA										Local Bedness
INDICATIONS children 6 wee	AND USAGE: D	APTACEL® is ears of age (n	s indicated for rior to sevent	or active immu th hirthday)	unization agair	nst diphtheria	a, tetanus and	pertussis in i	nfants and	Any >10 mm
Children who h	ave had well-c	locumented p	ertussis (cul	ture positive fo	or B. pertussis	or epidemio	logic linkage t	o a culture pos	itive case)	≥35 mm
should complet documented pe	te the vaccinati ertussis disease	ion series wit e is likelv to c	h DT; some e onfer immun	experts recomi ity, the duratio	mend including	g acellular pe is unknown	ertussis vaccin	e as well. Alth	ough well-	Swelling Any
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component of 1 The following e						ninistration o	f any nortucci	-containing va	iccine-2	≥35 mm Tenderness†
An immediat	te anaphylactic	reaction. Be	cause of unc	ertainty as to	which compo	nent of the v	accine may b	e responsible,	no further	Any Moderate + Severe
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 Encephalopa 	thy not attribut	able to anoth	er identifiable	<i>e cause</i> (e.g., a	an acute, seve	re central ne	rvous system	disorder occur	ring within	Systemic Fever‡§
7 days after	vaccination and than a few hou	d consisting o	of major alter	ations in cons	ciousness, unr	responsivene	ss or generaliz	zed or focal se	izures that	Any ≥37.5°C (99.5°F)
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WARNINGS: Th									11y515.3,0,7	Anorexia ^Ω Any
If any of the fe	ollowing events	s occur withi	n the specifi	ed period afte	r administrati	on of a who	le-cell pertuss	is DTP or DTa	P vaccine,	Moderate + Severe Severe
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· Collapse or s										Any Moderate + Severe
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thrombocytop of administratio	enia, which w	ould contrai	ndicate intra	amuscular inj	ection unless	the potenti	al benefit cle	arly outweigh	s the risk	when leg is moved ‡ 298/102, 257/94 and 2
Studies sugges	st that, when g	iven whole-c	ell pertussis	DTP vaccine,	infants and cl	nildren with	a history of co	invulsions in fi	rst-degree	Severe = persistent cry
family member other central n	rs have a 2.4-1	old increase	d risk for neu	urologic events	8.8 However, A contraindica	CIP has con	cluded that a	history of conv	ulsions or	more than two feeds The US Bridging Study
such family his	tories should re	eceive DTaP v	accines acco	ording to the re	commended s	chedule.1,3,4				recommended, concurre
For infants or dosage recom	children at high	ner risk for s	eizures than	the general po	opulation, an a	appropriate a	intipyretic may	be administe	red (in the	redness, swelling, pain respectively. Fever ≥38
component (ind	cluding DAPTAC	EL®) and for	the following	24 hours, to r	educe the pos	sibility of pos	st-vaccination	fever. ^{2,9}		dose 2 immunization (n
Whether to adr ual basis. An in	ninister DAPTA	CEL® to child	ren with prov	en or suspect	ed underlying	neurologic di	sorders must l	be decided on	an individ-	 Additional adverse react As with other alumin
PRECAUTIONS									cilluren.10	formation at the site o
Epinephrine Hy	drochloride So	lution (1:1,00	0), other app	ropriate agent	s and equipm	ent must be	available for in	nmediate use	in case an	 Rarely, anaphylactic r receiving preparations
anaphylactic o initial manager	r acute hypers nent of anaphy	ensitivity rea laxis in non-h	ction occurs. Iospital settin	Health-care p los. including r	roviders must	: be familiar nanagement	with current r	ecommendatio	ins for the	Arthus-type hypersensit
Before an inject	tion of any vac	cine, all knov	n precaution	is should be ta	ken to prevent	t adverse rea	ctions. The exp	pected immune	e response	follow receipt of tetanu although the evidence is
to DAPTACEL® with HIV infecti	may not be ob on.1	itained in imr	nunosuppres	sed persons.4	Pertussis-con	taining vacci	ines are not co	ontraindicated	in persons	A review by the Institut syndrome. ²¹ The follow
IT IS EXTREME BE QUESTIONE	LY IMPORTANT	WHEN A CHI	LD RETURNS	FOR THE NEX	T DOSE IN TH	E SERIES TH	AT THE PAREN	t or guardia	N SHOULD	syndrome. ²¹ The follow neurological complication
BE QUESTIONE (See CONTRAIN	D CONCERNIN	G ANY SYMP 1 ADVERSE B	TOMS AND/O FACTIONS)	ir signs of a	N ADVERSE R	EACTION AF	TER THE PREV	IOUS DOSE OF	VACCINE.	recurrent nerve, accom
Drug Interacti	ons: As with ot	her intramus	cular (I.M.) in							function impairment).25 tetanus toxoid, tetanus t
Immunosuppre greater than pl	ssive therapie	s, including i	rradiation, a	ntimetabolites	, alkylating ag	ents, cytoto	xic drugs and	corticosteroid	s (used in	DOSAGE AND ADMINIS
available, if im	munosuppress	ive therapy is	s to be soon	discontinued,	it seems reas	sonable to de	efer immuniza	tion until the p	atient has	AND INJECT A 0.5 mL anterolateral aspect of t
been off therap If DAPTACEL®								or ofter a recor	t injection	usually large enough fo
of immune glob	oulin, an adequ	ate immunolo	gic response	e may not occu	lisordei, on in I.	munosuppre	ssive ulerapy i		it injection	nerve trunk. ¹ Do NOT administer this
For informatio immunization i	n regarding s	imultaneous	administrati	ion with othe	r vaccines re	fer to DOSA	GE AND ADM	INISTRATION.	If passive	Immunization Series:
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Pregnancy Ca			ion studies h	ave not been (conducted with	h DAPTACEL	®. It is not kno	wn whether D	APTACEL®	DTaP vaccines exist. At in children who have p
can cause feta for use in a pre	I harm when a	dministered t	o a pregnant	t woman or ca	n affect repro	ductive capa	city. DAPTACE	.® is NOT reco	mmended	infants who have receiv have not been fully dem
Geriatric Use:		NOT recomn	nended for us	e in adult pop	ulations.					PERSONS 7 YEARS OF
Pediatric Use:	SAFETY AND E	FFECTIVENES	SS OF DAPTA	CEL® IN INFAN	ITS BELOW 6	WEEKS OF A	GE HAVE NOT I	BEEN ESTABLIS	SHED. (See	VACCINES. ³ DAPTACEL [®] pertussis vaccine canno
DOSAGE AND	IS NOT RECOM		R PERSONS 2	7 YFARS OF AU	GE OR OI DER.	Tetanus and	Diphtheria To	xoids Adsorber	f For Adult	vaccinated according to
Use (Td) is to b	e used in indivi	duals 7 years	s of age or old	der.						Interruption of the reco DAPTACEL®. There is no
ADVERSE REA 3,694 children	received a tota	11,400 dose 1 of 3 doses a	s of DAPTACI and 476 child	EL® nave beei ren received 4	 doses of DAP 	to intants a TACEL®,12,13	114,15,16,17,18	6 clinical stud	ties. In all,	STORAGE: DAPTACEL®
In the Sweden	I Efficacy Trial,	information o	in systemic a	nd local reacti	ons were reco	rded on a sta	andard diary ca	ard kept for 14	days after	should not be used. Do i
each dose, and the occurrence	follow-up tele of severe ever	phone calls v nts and/or ho	vere made 1 : spitalizations	and 14 days a for the 2 mon	tter each injec ths after the l	tion. Telepho ast injection.	ne calls were As shown in T	made monthly able 1, the 2.5	to monitor 87 infants	REFERENCES: 1. American Academy of
who enrolled to	o receive DAPT	ACEL® at 2, 4	1 and 6 mont	hs of age had	similar rates of	of reactions v	within 24 hour	s as recipients	of DT and	Elk Grove Village, IL: An
significantly lo				TABLE 1	12,13					Advisory Committee on young children. MMWF General recommendati
PERCENT	AGE OF INFAN	TS FROM SV	VEDEN I EFFI	ICACY TRIAL \	NITH LOCAL C	R SYSTEMI	C REACTIONS	WITHIN 24 HO	URS	Immunization Practices
PU	ST-DOSE 1, 2 Dose	AND 3 OF DA e 1 (2 Month			H DT AND WH se 2 (4 MONT		Dos	P VACCINES ie 3 (6 MONTH	S)	MMWR 1991;40(RR-10 1980;5:38-40. 6. Sutte
	DAPTACEL®	DT	DTP	DAPTACEL®	DT	DTP	DAPTACEL®	DT	DTP	paralytic poliomyelitis
EVENT Local	N = 2,587	N = 2,574	N = 2,102	N = 2,563	N = 2,555	N = 2,040	N = 2,549	N = 2,538	N = 2,001	Epidémiology and Clinic of convulsion and use
Tenderness										Recommendations of the MMWR 2002; 51 (RR-02)
(Any) Redness	8.0*	8.4	59.5	10.1*	10.3	60.2	10.8*	10.0	50.0	side effects, adverse re-
≥2 cm	0.3*	0.3	6.0	1.0*	0.8	5.1	3.7*	2.4	6.4	Immunization (NACI): (9-13,133-139. 12. Gus
Swelling ≥2 cm	0.9*	0.7	10.6	1.6*	2.0	10.0	6.3*§	3.9	10.5	pertussis vaccine. N En 13 acellular pertussis

(Any)	8.0^	8.4	59.5	10.1*	10.3	60.2	10.8^	10.0	50.0	
Redness										
≥2 cm	0.3*	0.3	6.0	1.0*	0.8	5.1	3.7*	2.4	6.4	
Swelling										
≥2 cm	0.9*	0.7	10.6	1.6*	2.0	10.0	6.3*§	3.9	10.5	
Systemic										
Fever [†] ≥38°C										
(100.4°F)	7.8*	7.6	72.3	19.1*	18.4	74.3	23.6*	22.1	65.1	
Fretfulnesst	32.3	33.0	82.1	39.6	39.8	85.4	35.9	37.7	73.0	
Anorexia	11.2*	10.3	39.2	9.1*	8.1	25.6	8.4*	7.7	17.5	
Drowsiness	32.7*	32.0	56.9	25.9*	25.6	50.6	18.9*	20.6	37.6	
Crying ≥1										
hour	1.7*	1.6	11.8	2.5*	2.7	9.3	1.2*	1.0	3.3	
Vomiting	6.9*	6.3	9.5	5.2**	5.8	7.4	4.3	5.2	5.5	
N = Number of evaluable subjects *p<0.001; DAPTACEL® versus whole-cell pertussis DTP										
**p<0.003: DAPTACEL® versus whole-cell pertussis DTP § p<0.0001: DAPTACEL® versus DT † Rectal temperature										
^{+†} Statistical comparisons were not made for this variable DT: Swedish National Biologics Laboratories DTP: Aventis Pasteur Inc.										

lence (rates per 1,000 doses) of rectal temperature \geq 40°C (104°F) within 48 hours of e 3 and the incidence of persistent crying \geq 3 hours within 24 hours of vaccination was

s who received DAPTACEL®, the incidence (rates per 1.000 doses) of rectal temperature ≥40°C (104°F) within 48 hours of was 0.39 following dose 1 and 0.2 respectively. 3.09 following dose 1 and 2, respectively. The optional study per section of the section of

	Dose 1 (2 N	IONTHS)	Dose 2 (4	MONTHS)	Dose 3 (6	MONTHS)	Dose 4 (18 MONTHS)	
EVENT	DAPTACEL® N = 324	DTP# N = 108	DAPTACEL® N = 321	DTP# N = 106	DAPTACEL® N = 320	DTP# N = 104	DAPTACEL® N = 301	DTP# N = 97
Local								
Redness								
Anv	12.7*	44.4	20.6*	57.5	22.2*	51.9	36.5*	55.7
≥10 mm	1.2*	13.9	7.8*	22.6	10.0*	17.3	27.9	36.1
≥35 mm	0.3*	3.7	0.3*	5.7	1.6	1.9	21.9	20.6
Swelling								
Any	4.3*	23.1	4.3*	32.1	4.7*	25.0	18.6*	28.9
≥10 mm	1.9*	15.7	2.2*	21.7	3.8*	14.4	15.9*	25.8
≥35 mm	0.3*	6.5	0*	5.7	0.9*	4.8	11.3	15.5
Tenderness†								
Any	10.2*	37.0	7.5*	51.9	8.8*	48.1	23.9*	86.6
Moderate + Severe	0.9*	13.0	1.2*	20.8	1.3*	17.3	3.0*	53.6
Severe	0*	4.6	0.3*	7.5	0*	4.8	0.3*	12.4
Systemic								
Fever‡§								
Anv ≥37.5°C (99.5°F)	12.0*	43.7	7.7*	50.0	14.8*	53.2	14.5*	67.9
≥38°C (100.4°F)	0.7	1.9	0*	7.8	1.2*	11.7	1.9*	17.9
≥40°C (104°F)	0.3	0	Ó	1.0	0	1.1	0	0
Irritability					-			
Any	41.0*	65.7	41.4*	68.9	40.9*	67.3	36.9*	79.4
Moderate + Severe	9.0*	18.5	6.9*	22.6	5.0*	22.1	5.0*	24.7
Severe	0	1.9	0.3	0	0	1.0	0	2.1
Anorexia					-			
Any	16.0	22.2	9.0*	16.0	11.6*	23.1	17.6*	41.2
Moderate + Severe	1.5	3.7	0.9	2.8	1.3	1.9	2.0*	13.4
Severe	0	0	0.3	0	0	0	0	2.1
Drowsiness⊽								
Any	43.2	52.8	21.8*	33.0	14.4*	32.7	13.3*	29.9
Moderate + Severe	7.7	8.3	2.8*	7.5	1.3	0	1.0*	6.2
Severe	0.3	0	0	0	0	0	0	0
Crying ≥3 Hours	0.6	0.9	0.3	0.9	0	1.0	Ó	1.0

Temperature measurements were axillary [§] Number of evaluable subjects for DAPTA 7/78 at 2, 4, 6 and 18 months, respectively γ Moderate = more difficulty with settlin g/screaming and inability to console Ω Moderate = missed one or two feeds; Severe Moderate = sleeping much more than normal; Severe = sleeping most of the time with c at the injection site after each dose was 12.5% - 19.7%, 14.3% - 17.8% vas observed in 9.9% - 11.9% of subjects. One afebrile seizure occurred

uated in conjunction with pertussis, diphtheria and tetanus vaccination are as follows: ining vaccines, a nodule may be palpable at the injection sites for several weeks. Sterile abscess has been reported.^{4,19} i.e., hives, swelling of the mouth, difficulty breathing, hypotension or shock) have been reported after ig diphtheria, tetanus and/or pertussis antigens.⁴

haracterized by severe local reactions (generally starting 2-8 hours after an injection), may cases of peripheral neuropathy have been reported following tetanus toxoli administration, cept or reject a causal relation.²⁰

sidered as a possible etiology.⁵⁸ FCRF USE, SHAKE THF VIAL WELL, until a uniform, cloudy suspension res the vaccine **intramuscularly** (I.M.). In children younger than 1 year (i., le largest muscle and is the preferred site of injection. In older children, the c vaccine should not be injected into the gluteal area or areas where there

Tarenously or subcutaneously. lose of DAPTACEL® is particularly and the transmission of trans

monstrated.² F AGE AND OLDER SHOULD NOT BE IMMUNIZED WITH DAPTACEL® OR ANY OTHER PERTUSSIS-CONT/ ® should not be combined through reconstitution or mixed with any other vaccine. If any recommended d ot be given, DT (For Feddiaric Use) should be given as needed to complete the series. Pre-term infants sho other chronological age from birth.¹

uner chronological age from birth.¹ immerided schedule with a delay between doses should not interfere with the final immunity achieved with need to start the series over again, regardless of the time between doses. should be stored at 2° to 3°C (35° to 46°F). DO NOT FREEZE. Product which has been exposed to freezing not use after expiration date.

of Pediatrics. In: Pickering LK, ed. 2000 Red Book: Report on the Committee of Infectiou nerican Academy of Pediatrics 2000:17.31-35.51-53.54.65.68.440-445.759-765. 2. Rec

my of Pediatrics. In: Pickering LK, ed. 2000 Red Book: Report on the Committee of Intecl. L American Academy of Pediatrics 2000:17,31-355.153,546,568,444-445,759-765. 2, ed. e on Immunization Practices (ACP). Pertussis vaccination: Use of acellular pertussis vacci MWR 1997-6(RF7-17-15. 3, Recommendations of the Advisory Committee on Immuni-dations on Immunization. MMWR 1994.43(RF1-11-138. 4, Recommendations of the A loss (ACP). Diptimetar, Itelanus, and Pertussis. Recommendations of vaccine use and other Analysis and the analysis of the Advisory Committee on Immuni-dations on Immunization. MMWR 1994.43(RF1-11-138. 4, Recommendations of vaccine use and other Analysis and the Advisory Committee on Immunization, injection and paralytic poliomys subtract W, et al. Athibitable risk of OTP (diptimetra and tetanus toxolds and pertussis vaccine use of pertussis vaccine. J Pediati 1999;115(16:357-31). 9, ACP (General Recommendation of the Advisory Committee on Immunization Practices (ACP) and the American Academy of F RF202; 1-36. 11. Recommendations of the Advisory Committee on Immunization Practices and Cardissis and Seriologic response. American Academy of Pediatrics 1995 al. Comparison Or 13 acellular pertussis vaccines. Adverse reactions. Paderi 1994;50(5:347-35. 1). ALC Readistring Health Series 1905; Advisor Series 1905; Advisor Cardistring Health 1995;15(1:357-37). 11. National OT, Canadatin Immunization Cardisc, Str. ed. Minister Of Public Works add Government 3 C. Stastfasson L, et al. A cortolled trial of a two-component acellular, a five-component ace N Figl. J Med 1996;339-355. The Advisor Healer Series 4264; and Minister 1995. Sitos and antibody response to four doses of acellular or whole-cell pertussis contineed with 19 months of Ille acellular pertussis vaccines. Adverse reactions. Paderi 1995;09(5:17); Favorett HA, Smith NE Injection-site granuloma due to aluminum. Arch Dermath 1 Favorett HA, Smith NE Injection-site granuloma due to aluminum. Arch Dermath 1 Favorett HA, Smith N Used succines with different pertussis toxial and fitamentous neuraguourner volume volume

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Product information as of March 2003

and Forestry, the CDC, the Agency for Toxic Substances and Disease Registry, U.S. Environmental Protection Agency, the Department of Defense, and local mosquito control districts-is implementing a plan to reduce mosquitoes and flies in the areas affected by Hurricane Katrina.

The health and hospitals department had developed a management plan in anticipation of the hatching of mosquitoes and flies due to the massive flooding in the area. Mosquito control is needed to protect public health from the nuisances and diseases they transmit; flies will also be monitored. The plan will continue, based on field monitor of mosquitoes and flies in the region.

People face two types of increased risks for mosquito-borne diseases in the region: the rise in the number of mosquitos and increased exposure to the insects. "People are spending a lot more time outside, and

New Virus Found To Infect Lower **Respiratory Tract**

newly identified parvovirus appears to Acause lower respiratory tract infections in children, a team of scientists in Sweden and Singapore reported.

They detected the virus—provisionally named human bocavirus (HBoV)through a rapid new system for largescale molecular virus screening of clinical samples without the need for cultures and with minimal hands-on effort. Their method should make it feasible to systematically explore all viruses that affect humans, including unidentified ones, reported Tobias Allander, M.D., of Karolinska University Hospital, Stockholm, and his associates (Proc. Natl. Acad. Sci. USA 2005;102:12891-6).

To assess HBoV's clinical effects, the investigators screened culture-negative nasopharyngeal aspirate samples from 266 pediatric patients and 112 adults seen in clinics. Seven samples from infants and children were positive for HBoV. A subsequent retrospective study of all 540 aspirates available from the pediatric infectious diseases ward at the hospital found HBoV in 17 patients (3%), and 14 of these had no other viruses present. HBoV is the likely cause of the respiratory distress and fever in these patients, the investigators concluded.

Seven of the 14 patients underwent chest x-ray, and results showed interstitial bilateral infiltrates in 6 patients.

Approximately 250,000 infants and young children are hospitalized each year in the United States for lower respiratory tract infection, and no etiologic agent is found in 12%-39% of cases.

The virus screening system that detected HBoV employs host DNA depletion, random polymerase chain reaction amplification, large-scale sequencing, and bioinformatics.

even when inside, they may have broken windows and screens that let mosquitoes into the house," Ms. Morcone said.

It's too soon to predict what impact Hurricane Katrina will have on West Nile virus in the Gulf region, she added. "What we do know is that the virus did exist in every one of these states before the storm and that it is still there. We want people to take precautions against exposure, and we will facilitate that as much as possible."

As of early September, 821 cases of West Nile virus—of which 18 cases were fatal—had been reported in the United States, marking this as the slowest West Nile season since 2002.

By early September 2002, 737 cases had been reported, with 35 fatalities. Numbers soared in 2003 to almost 1,900, with 37 fatalities, and stayed high last year, with 1,191 cases and 30 fatalities.

As in previous years, the highest number of cases (268) occurred in California. Of those, 7 have been fatal; 93 showed neurologic complications (West Nile meningitis, encephalitis, or myelitis). Other hard-hit states include South Dakota (138 cases; 1 fatality; 25 neuroinvasive illnesses); Illinois (89 cases; 1 fatality; 52 neuroinvasive); and Louisiana (52 cases; 4 fatalities; 40 neuroinvasive). Texas has reported only 27 cases, but almost all of them (24) were neuroinvasive; there was 1 fatality.

The reason for the decline this year is unclear, Ms. Morcone said. "If there's one thing we know about West Nile, it's that there's no such thing as a typical season. We have seen areas with large epidemics 1 year and very small case counts the next. Weather and ecology are among the factors that play a part in West Nile prevalence."

Even though the cases are relatively low, physicians should still stress prevention to their patients. Repellents with DEET(N, N-diethyl-m-toluamide) are most effective for those who are outdoors for extended periods. Repellents with oil of lemon eucalyptus and picaridin are probably sufficient for "backyard exposure," she said.

West Nile virus has also been identified in blood from 163 blood donors, according to the CDC. Most of the donors (49) were from California. Other states with high numbers were Texas (32), Nebraska (22), South Dakota (14), and Louisiana (10).

Of these donors, 3 subsequently developed West Nile neuroinvasive illness, 38 developed West Nile fever, and 3 developed other illnesses.

Use Prednisolone When IVIG Fails In Kawasaki

A 3-day course of prednisolone appears effective in Kawasaki disease patients who are unresponsive to multiple infusions of intravenous immunoglobulin, Seiichiro Takeshita, M.D., and colleagues reported.

Their success in treating nonresponders with prednisolone infusion suggests that IVIG-resistant patients with Kawasaki disease may not require steroid pulse therapy, which has been associated with an increased risk of coronary aneurysm rupture, hypertension, seizures, and gastric erosion in this group (Clin. Pediatr. 2005;44:423-6). Dr. Takeshita of the University of

Five of six children became afebrile with a significant decrease in CRP within 24 hours of their first course of prednisolone. he University of S h i z u o k a , Japan, and hiscolleagues administered 3day courses of prednisolone every 8 hours (1-2 mg/kg per day) to six children, aged from 10 months to 9 years, who did not respond to

repeated courses of IVIG for Kawasaki disease. Five of the children also received ulinastatin, a serine protease inhibitor not currently available in the United States.

Three patients had complications of the disease, including arthritis, myocarditis, and depressed left ventricular systolic function. All patients had dilated coronary arteries before prednisolone was administered.

Five of the children became afebrile and had a significant decrease in C-reactive protein (CRP) levels within 24 hours of their first course of prednisolone.

The sixth patient had a persistent lowgrade fever and high-CRP level after the first course, and developed a high-grade fever and high-CRP level 3 days after the first course ended. He then received a second, 3-day course of prednisolone (1.5 mg/kg per day). Within 24 hours, he became afebrile and had a significant drop in CRP level. No patient experienced an adverse event related to the prednisolone. No patient experienced further progression of coronary artery dilation; all dilated arteries returned to normal diameters during the follow-up period that ranged from 16 months to 6 years.

-Michele G. Sullivan



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