## Proquad MMRV Accepted Into Vaccines Program

BY JENNIFER LUBELL

Associate Editor, Practice Trends

he Centers for Disease Control and Prevention has added Merck & Co.'s quadrivalent measles-mumpsrubella-varicella vaccine, Proquad, to its Vaccines for Children contract.

The approval will help set a standard of care for the vaccine (MMRV), Dr. Michael Brady, a member of the American Academy of Pediatrics' Committee on Infectious Diseases, said in an interview.

"Getting the federal government to acknowledge the value of a new vaccine means a greater possibility of getting it to all children who would benefit," he said, adding that approval by the Vaccines for Children program "makes it easier to get coverage through commercial payers."

VFC provides free vaccines to Medicaid beneficiaries, the uninsured, and other children with limited health insurance coverage. The CDC's Advisory Committee for Immunization Practices recommended last October that MMRV be added to the Vaccines for Children program.

With Proquad now available through the [Vaccines for Children] program, more children are able to gain access to a vaccine that helps protect against four serious diseases," said Dr. Mark Feinberg, vice president for policy, public health, and medical affairs for Merck Vaccines Division, in a statement.

Dr. Sarah S. Long, who also serves on the

AAP Committee on Infectious Diseases, anticipates that the academy may recommend a second dose of the varicella vaccine, now that the MMRV has been accepted into the Vaccines for Children program.

The AAP supports combination vaccines and is confident of the safety and immunogenicity of the MMRV, she said in an interview. The academy currently recommends that children get immunized twice for measles-mumps-rubella (MMR), but no such recommendation exists for varicella.

'We're still looking at data to see if it's warranted to give a second dose of varicella vaccine as well. But that's not going to be practical unless you have a vaccine with all four viruses. Proquad will be able to satisfy that recommendation in a single injection," she said.

One injection means physicians will have more of an incentive to give a second dose of varicella, Dr. Brady said. "It would make a big difference in trying to increase immunity to varicella."

The MMRV was approved last September by the Food and Drug Administration

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for simultaneous vaccination against measles, mumps, rubella and varicella in children aged 12 months to 12 years. The vaccine combined two existing Merck vaccines: MMR and varicella (Varivax).

The vaccine is costly however, and the con-

cern is whether the federal government will be able to afford it under this free program, Dr. Long said. Cost for the MMRV under the Vaccines for Children program is a bit more than purchasing the old vaccines separately—but not by much, a CDC spokeswoman said in an interview.

The federal government will be paying \$74.85 / dose for the new combination vaccine, she said. By comparison, it currently pays \$16.67 for MMR and \$52.25 for varicella on its federal contract, which adds up to \$68.92, about \$6 less than the combination vaccine. For now, the CDC seems to think it's worth the extra cost. The MMRV "is beneficial in that the child receives one injection instead of two," the spokeswoman said.

## VERBATIM -

'The major change is to suggest treating status epilepticus patients with 0.1 mg/kg of lorazepam at 5 minutes into the seizure, rather than waiting until 10 minutes.'

Dr. James J. Riviello Jr., p. 48

References: I. Ambrosini PJ, Lopez FA, Chandler MC, et al. An open-label community assessment of ADDERALL XR in pediatric ADHD. Poster presented at: 155th Annual Meeting of the American Psychiatric Association; May 22, 2002; Philadelphia, Pa. 2. Data on file, Shire US Inc., 2006. 3. Biederman J, Lopez FA, Boellner SW, Chandler MC. A randomized, double-blind, placebo-controlled, parallel-group study of SLI381 (Adderall XR) in children with attention-deficit/hyperactivity disorder. Pediatrics. 2002; 110:258-266. 4. McCracken JT, Biederman J, Greenhill LL, et al. Analog classroom assessment of a once-daily mixed amphetamine formulation, Sul1381 (ADDERALL XR) in children with ADHD. J Am Acad Child Adders'24:6573-683. 5. Lopez FA, Ambrosini PJ, Chandler MC, et al. ADDERALL XR in pediatric ADHD: quality of life measures from an open-label community assessment trial. Poster presented at: 14th Annual CHADD International Conference; October 17, 2002; Miami Beach, Fla.

BRIEF SUMMARY: Consult the full prescribing information for complete product information.

ADDERALL XR® CAPSULES

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Tate: The least amount of amphetamine feasible should be prescribed or dispensed at one time in order to minimize assibility of overdosage.

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TakinDicATIONS). Blood pressure and pulse should be monitored at appropriate intervals in patients taking: Takin Karena and pressure should be treated with dose reduction and/or appropriate medication. and controlled 4-week outpatient clinical study of adolescents with ADHD, isolated systolic blood pressure elevations minl yeare observed in 764 (11%) placebo-treated patients and 7/100 (7%) patients receiving ADDERAL XR+ or on minimal study of the state of the state

ren under 3 years of age. Itric Use: ADDERALL XR® has not been studied in the geriatric population.

Body System	Preferred Term	ADDERALL XR® (n=374)	Placebo (n=210)
General	Abdominal Pain (stomachache) Accidental Injury Asthenia (fatigue) Fever Infection Viral Infection	14% 3% 2% 5% 4% 2%	10% 2% 0% 2% 2% 0%
Digestive System	Loss of Appetite Diarrhea Dyspepsia Nausea Vomiting	22% 2% 2% 5% 7%	2% 1% 1% 3% 4%
Nervous System	Dizziness Emotional Lability Insomnia Nervousness	2% 9% 17% 6%	0% 2% 2% 2%
Metabolic/Nutritional	Weight Loss	4%	0%

Table 2 Adverse Events Reported by 5% or more of Adolescents Weighing ≤ 75 kg/165 lbs Receiving ADDERALL XR® with Higher Incidence Than Placebo in a 287 Patient Clinical Forced Weekly-Dose Titration Study\*

Body System	Preferred Term	ADDERALL XR® (n=233)	Placebo (n=54)
General	Abdominal Pain (stomachache)	11%	2%
Digestive System	Loss of Appetite b	36%	2%
Nervous System	Insomnia <sup>b</sup> Nervousness	12% 6%	4% 6%²
Metabolic/Nutritional	Weight Loss b	9%	0%

Body System	Preferred Term	ADDERALL XR® (n=191)	Placebo (n=64)
General	Asthenia Headache	6% 26%	5% 13%
Digestive System	Loss of Appetite Diarrhea Dry Mouth Nausea	33% 6% 35% 8%	3% 0% 5% 3%
Nervous System	Agitation Anxiety Dizziness Insomnia	8% 8% 7% 27%	5% 5% 0% 13%
Cardiovascular System	Tachycardia	6%	3%
Metabolic/Nutritional	Weight Loss	11%	0%
Urogenital System	Urinary Tract Infection	5%	0%

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