

Table 1. Clinical characteristics of patients with benign 3rd and 6th nerve palsy post-immunization

<u>Authors</u>	<u>Age/Gender/Side of paralysis</u>	<u>Vaccine Type</u>	<u>CN</u>	<u>Time-post Vaccine</u>	<u>Investigations</u>	<u>Outcome</u>
Werner <i>et al</i> [5]	1 yr 3 mths/F/L	MMR	VI	10 days	CT Brain	Resolved over 3 months
	0 yr 8 mths/F/L	DPT	VI	6 weeks	Nil	Resolved over 6 months
		DPT Booster	VI	3mths	Nil	Resolved over 2 months
McCormick <i>et al</i> [19]	1yr 1 mth/F/L	MMR	VI	1 week	FBE, CRP, Anti-Nuclear Antibody (ANA), Measles and mumps serum titers, Anti-Mitochondrial antibody, blood cultures, serum rotavirus titer Feces culture for parasites and <i>C difficile</i> CT Brain	Resolved over 8 weeks
Leidermann <i>et al</i> [20]	1 yr 5 mths/M/R	Influenza	VI	3 weeks	MRI Brain (T1, T2, Flair)	Initial 10-20 degree incomitant esotropia with limitation of abduction 12 weeks – 10 degree esotropia in R gaze 7 months – residual motility deficit
Sturm <i>et al</i> [3]	6 mths/M/R	DPT, Polio, Hib	VI	6 months	MRI Brain	Resolved at 5 days
Mahoney <i>et al</i> [21]	1 yr 8 mths/M/L	DPT, Hib	VI	3 weeks	MRI, AchRab	Improving but incomplete
	2 yr 7 mths/M/L	VZV	VI	2.5 weeks		
Manzotti <i>et al</i> [22]	20mths/M/L	MMR	III	3 weeks	FBE, UEC CMV, EBV, HSV, VZV, Parvo B19, Influenza, Parainfluenza, RSV titers Electroencephalography, MRI brain	Resolved at 20 days
Chan <i>et al</i> [23]	1 yr 5 mths/M/R	Edmonston Measles	III	2 weeks	FBE, UEC, ESR, blood sugar level, CSF for protein, glucose, viral, bacterial, Blood cultures, Serum measles titer Skull x-ray, electroencephalography, CT Brain PPD Tuberculin Skin test Intravenous Pyelogram (IVP) Bone marrow aspirate	Resolved at 2 months

FBE = full blood examination, UEC = urea, electrolytes, creatinine, CRP = C-reactive protein, CT = computed tomography, MRI = magnetic resonance imaging, CMV = cytomegalovirus, EBV = Epstein-Barr virus, HSV = herpes simplex virus, VZV = varicella zoster virus, RSV = respiratory syncytial virus
DTP= *diphtheria-tetanus –pertussis*; MMR= *measles-mumps-rubella*; Hib= *Haemophilus influenzae type b*, AchRab = acetylcholine receptor antibody testing;