|  |  |  |  |
| --- | --- | --- | --- |
|  | CASE 1 | CASE 2 | Case 3 |
| AGE | 2 | 2 | 5 |
| SEX | Male | Male | Male |
| PRESENTING SYMPTOMS | Rhinolalia | Rhinolalia, nasal regurgitation | Rhinolalia, nasal regurgitation |
| DURATION | 2 days | 2 days | 1 day |
| PRECEDING SYMPTOMS | Diarrhoea – 2 weeks back | Fever 1 week back  | Fever, Diarrhoea – 2 weeks back |
| OTHER CRANIAL NERVE INVOLVEMENT | Nil | Nil  | Nil |
| PAST HISTORY | Nil significant | Nil significant | Nil significant |
| DEVELOPMENT | Normal | Normal |  |
| ANTENATAL AND POST NATAL HISTORY | Uneventful | Uneventful | Uneventful  |
| FAMILY HISTORY | Nil | Nil | Nil |
| IMMUNISATION  | UpToDate  | UpToDate | UpToDate |
| CNS EXAMINATION, CN 9,10 | Asymmetry in pharyngeal arch with deviation of Uvula to right.Diminished movement in left side of palate with no regurgitation(Fig 1) | Asymmetry in pharyngeal arch with deviation of Uvula to left.Diminished movement in right side of palate with minimal regurgitation(Fig 2) | Asymmetry in pharyngeal arch with deviation of Uvula to left.Diminished movement in right side of palate with minimal regurgitation |
| INVESTIGATIONS |  |  |  |
| HEMOGLOBIN(g/dL) | 12.8 | 15.6 | 13.3 |
| TOTAL COUNT(cells/cm3) | 12,500 | 9,200 | 8000 |
| ESR(mm/hr) | 3 | 4 | Not done  |
| CRP(mg/L) | 0.2 | 0.6 | Not done  |
| 25 OH VITAMIN D (ng/mL) | 26.94 | 22.02 | 24.2 |
| CSF TOTAL COUNT RBC SUGARPROTEIN | 2 462 23  | 216215 | Not done  |
| MRI BRAIN | Normal | Normal | Normal |
| CSF VIRAL PCR PANEL | Negative | Negative | Not done  |
| STOOL POLIO VIRUS (WHO AFP surveillance study) | Negative  | Negative | Negative |
| TREATMENT | Oral prednisolone 1mg/kg/day for 5 days tapering dose next 2 weeksVitamin D Supplementation | Methyl prednisolone 25mg/kg/day (300mg) for 3 days followed by oral prednisolone tapering dose next 3 weeksVitamin D supplementation | Methyl prednisolone 20mg/kg/day (300mg) for 3 days followed by oral prednisolone tapering dose next 3 weeksVitamin D supplementation |
| OUTCOME (after 4 weeks) | Partial recovery at 4 weeks but almost full recovery by 3 months  | Fully recovery with no residual weakness | Fully recovery with no residual weakness |