**Supplemental Table**: Study outcomes of interest

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| --- | --- | --- | --- |
| **Outcome** | **ICD-9 codes** | **Exclusionary ICD-9 codes (if on same day)** | **Post-vaccination observation period** |
| Cellulitis | 682.3 | None | Days 1-6 |
| Limb swelling | 729.81 | None | Days 1-6 |
| Pain in limb | 729.5 | None | Days 1-6 |
| Seizure | 345, 780.3 | None | Days 0-7 (inpatient and emergency department visits only) |
| Cranial nerve disorders | 350, 351, 352 | None | Days 1-42 |
| Paralytic syndromes | 342, 344, 781.4 | None | Days 1-42 |
| Encephalopathy, encephalitis, or meningitis | 047.8, 047.9, 049.9, 321.2, 322, 323, 348.3, 348.5 | 047.0, 047.1, 048, 049.0-049.8, 053-056, 320 | Days 1-42 |