**Supplemental Digital Content 2. Table: Breakdown of specific complications**

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|  | **Patients with any complication (n=7,369)** |
| **Neurological, n (%)** | **83 (1.1)** |
| Cerebellar ataxia | <5 |
| Encephalitis | 6 (0.1) |
| Febrile convulsions | 45 (0.6) |
| Meningitis | 9 (0.1) |
| Cerebral vasculitis  | <5 |
| Meningoencephalitis  | <5 |
| Syncope | 21 (0.3) |
| **Skin, n (%)** | **474 (6.4)** |
| Superficial bacterial infections | 383 (5.2) |
| Cellulitis  | 88 (1.2) |
| Pyoderma  | <10 |
| Staphylococcal scalded skin syndrome  | <5 |
| **Bacterial, n (%)** | **<5** |
| Sepsis  | <5 |
| Bacterial Arthritis  | <5 |
| Necrotizing fasciitis  | <5 |
| **Respiratory, n (%)** | **2,642 (35.9)** |
| Bronchitis | 2,412 (32.7) |
| Pneumonia | 231 (3.1) |
| Acute Respiratory Distress Syndrome  | 48 (0.7) |
| **ENT, n (%)** | **2,798 (38.0)** |
| Tonsillitis | 304 (4.1) |
| Pharyngitis | 2,478 (33.6) |
| Sinusitis | 57 (0.8) |
| **Gastrointestinal, n (%)** | **343 (4.7)** |
| Gastroenteritis | 198 (2.7) |
| Anorexia  | 145 (2.0) |
| Dehydration  | <5 |
| **Hematological, n (%)** | **105 (1.4)** |
| Anemia  | 99 (1.3) |
| Disseminated purpura  | <5 |
| Thrombocytopenia  | <10 |
| **Musculoskeletal, n (%)** | **13 (0.2)** |
| Fasciitis  | <5 |
| Osteomyelitis  | <5 |
| Myositis  | 9 (0.1) |
| **Ophthalmic, n (%)** | **1,502 (20.4)** |
| Conjunctivitis  | 1,498 (20.3) |
| Keratitis  | <5 |
| Keratoconjunctivitis  | <5 |
| **Other varicella coded complications, n (%)** | **<5** |
| **Lymphadenitis, n (%)** | **265 (3.6)** |

**Primary data suppression applied to all conditions with less than 5 cases reported, with secondary suppression applied where required**