

**Appendix Table A 2.** Sindbis virus IgM detected in hospitalised patients, hospital sites, date received, sex and symptoms.

ZRU number	Date received	Hospital	Age	Sex	Symptoms
ZRUA0297/19	21/01/2019	Kalafong	1	Female	Fatigue, Cough, Skin rash, Seizures, Febrile
ZRUA0301/19	21/01/2019	Kalafong	1	Female	Fatigue, Seizures
ZRUA0311/19	21/01/2019	Kalafong	38	Male	Fatigue, Weight loss, Headache, Chills, Joint pain (Left and Right elbow; Left and Right knee, Meningitis, Night sweats
ZRUA0312/19	21/01/2019	Kalafong	16	Male	Fatigue, Headache, Cough, Expectoration, Meningitis
ZRUA0313/19	21/01/2019	Kalafong	11	Female	Fatigue, Block nose, Joint pain, Seizures
ZRUA0330/19	07/02/2019	Kalafong	1	Female	Fatigue, Cough
ZRUA0332/19	07/02/2019	Kalafong	4	Male	Fatigue, Weight loss, Cough, Sore throat
ZRUA0357/19	21/02/2019	Kalafong	1	Female	Black Skin Patches, Fatigue,
ZRUA0426/19	28/02/2019	Matikwana	2	Female	Fatigue, Nausea, Vomiting
ZRUA0428/19	28/02/2019	Matikwana	21	Male	Fatigue, Headache, Dyspnoea (difficulty breathing), Nausea, Vomiting, Joint pain (Right knee), Twitching, Seizures, Neck stiffness
ZRUA0431/19	28/02/2019	Matikwana	43	Female	Fatigue, Headache, Nausea, Vomiting,
ZRUA0458/19	14/03/2019	Kalafong	1	Female	Fatigue, Cough, Dyspnoea, Nasal congestion, Tachypnoea, Intercostal recession, Transmitted sound, Stertor, Meningitis, Simple seizures, neck extension and neck stiffness, Head babbling, Pulses paradoxus
ZRUA0469/19	19/03/2019	Mapulaneng	34	Female	Fatigue, Weight loss, Headache, Myalgia, Joint pain (Left/Right

					Clavicles, Knees, Ankles), Sores between the thighs, Meningitis, Acute flaccid paralysis
ZRUA0495/19	02/04/2019	Kalafong	2	Female	Fatigue, Cough, Mild subcostal recession, Nausea, Vomiting, Seizures
ZRUA0496/19	02/04/2019	Kalafong	1	Male	Fatigue, Seizures
ZRUA0500/19	02/04/2019	Kalafong	36	Female	Fatigue, Headache, Chills, Nausea, Vomiting, Meningitis, Dizziness
ZRUA0525/19	09/04/2019	Mapulaneng	32	Female	Fatigue, Weight loss, Headache, Chills, Meningitis
ZRUA0530/19	09/04/2019	Matikwana	44	Female	Headache, Meningitis
ZRUA0543/19	18/04/2019	Matikwana	2	Female	Fatigue, Cough, Skin rash
ZRUA0546/19	23/04/2019	Mapulaneng	1	Female	Acute flaccid paralysis
ZRUA0549/19	25/04/2019	Matikwana	11	Male	Fatigue, Weight loss, Headache, Dyspnoea (difficulty breathing), Chest pain, Joint pain (Left/Right Ankle), Skin rash, Pruritus (itching)
ZRUA0573/19	14/05/2019	Kalafong	1	Male	Weight loss, Headache, Chills, Myalgia, Ganglions, Black Patches on the chin, Seizures, neck stiffness
ZRUA0581/19	14/05/2019	Matikwana	17	Female	Fatigue, Headache, Cough, Chest pain, Neck stiffness, Dizziness,
ZRUA0607/19	28/05/2019	Mapulaneng	30	Male	Weight loss, Headache, Chills, Meningitis,
ZRUA0635/19	04/06/2019	Matikwana	35	Male	Fatigue, Headache, Shortness of breath, Nausea, Vomiting, Meningitis, General body weakness
ZRUA0665/19	21/06/2019	Kalafong	1	Male	Fatigue, Cough, Tachypnoea, Seizures
ZRUA0681/19	27/06/2019	Mapulaneng	33	Female	Headache, Myalgia, Chills, Arthralgia/joint pain (Left/Right

					Clavicle, Shoulder, Elbow), Meningitis,
ZRUA1117/20	28/01/2020	Mapulaneng	36	Female	Fatigue, Weight loss, Headache, Arthralgia/joint pain (Right/Left Wrist, Elbow), Meningitis, Acute flaccid
ZRUA1147/20	28/01/2020	Mapulaneng	32	Male	Headache, Meningitis
ZRUA1160/20	04/02/2020	Kalafong	43	Female	Fatigue, Headache, Cough, Expectoration, Meningitis, Stiff neck
ZRUA1203/20	12/02/2020	Mapulaneng	49	Female	Headache, Myalgia, Chills, Meningitis
ZRUA1226/20	03/03/2020	Kalafong	1	Female	Fatigue, Cough, Alar flaring
ZRUA1267/20	24/03/2020	Kalafong	5	Male	Seizures
ZRUA1329/20	07/04/2020	Mapulaneng	1	Male	Acute flaccid paralysis
ZRUA1338/20	28/04/2020	Matikwana	10	Female	Fatigue, Weight loss, Headache, Myalgia, Chills, Dyspnoea (difficulty breathing), Nausea, Vomiting, Moderate abdominal distension, Arthralgia/joint pain (Right/Left Knee), Meningitis, Profuse sweating, hot on touch dry mucosa swelling of the toes, lethargic, unable to talk but can hear crying of pain, confused, unable to walk
ZRUA1361/20	14/04/2020	Mapulaneng	25	Female	Headache, Chills, Meningitis
ZRUA1380/20	25/05/2020	Kalafong	39	Male	Fatigue, Headache, Skin rash, Meningitis, Sores on the top lip,
ZRUA1382/20	25/05/2020	Mapulaneng	37	Female	Fatigue, Headache, Meningitis,

**Appendix Table A 3.** Clinical signs reported in patients that tested positive for anti-SINV IgM in CSF.

ZRU number	Month	Hospital site	Date sampled	Age	Sex	Medical history/Symptoms	HIV status
ZRUA1329/20	April	Mapulaneng	18/03/2020	1	Male	Acute flaccid paralysis	Negative
ZRUA1151/20	February	Kalafong	23/01/2020	34	Female	Fatigue, Weight loss, Headache, Myalgia, Chills, Arthralgia (joint pain), Meningitis, Night sweats, Lethargic, Febrile convulsion, Meningitis	Positive