Supplementary Table 1. Complicated disease in adult *Plasmodium knowlesi* malaria infections.

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| Study | Study type | No of cases | Hyperparasitaemia | Hypotension | Acute kidney Injury | Jaundice | Hypoglycaemia | Lactaemia/ acidosis | Respiratory Distress | Death |
| Daneshvar *et al* 2009 | Prospective | 10 | 3 | 2 | 3 | 4 | 1 | 1 | 7 | 2 |
| William *et al* 2011 | Retrospective | 22 | NA | 12 | 12 | 9 | NA | 7 | 13 | 6 |
| Willmann *et al* 2012 | Prospective, case control | 17 | 8 | 1 | 16 | 6 | NA | NA | 3 | 4 |
| Barber *et al* 2013a | Prospective | 38 | 18 | 13 | 9 | 20 | 0 | 4 | 14 | 0 |
| *Pooled analysis* |  |  |  |  |  |  |  |  |  |  |
| Denominator | - | 87 | 65 | 87 | 87 | 87 | 48 | 70 | 87 | 87 |
| Frequency (%) | - |  | 44.6 | 32.1 | 44.8 | 44.8 | 2.1 | 17.1 | 42.5 | 13.8 |
| 95% Confidence intervals | - |  | 32.5-56.7 | 22.3-41.9 | 34.4-55.3 | 34.4-55.3 | 0-6.2 | 8.3-25.9 | 32.1-52.9 | 6.6-21.1 |

Severe criteria used were: Hyperparasitaemia was defined as >100,000 parasites/μL. Hypotension was defined as systolic blood pressure <80 mm Hg. Acute kidney injury was defined as a serum creatinine level >265μmol/L despite rehydration. Jaundice was defined as a serum bilirubin >43μmol/L; a – bilirubin >43μmol/L plus parasitaemia >20,000 parasites/μL and/or creatinine >132 μmol/L. Hypoglycaemia was defined as a serum glucose <2.2 mmol/L. Lactaemia/acidosis was defined as >5 mmol/L; a – bicarbonate <15 mmol/L or lactate >5 mmol/L. Respiratory distress was defined as a respiratory rate >30 breaths/min plus oxygen saturation <94% on room air and/or pulmonary infiltrates visible on a chest radiograph. NA – not available.