

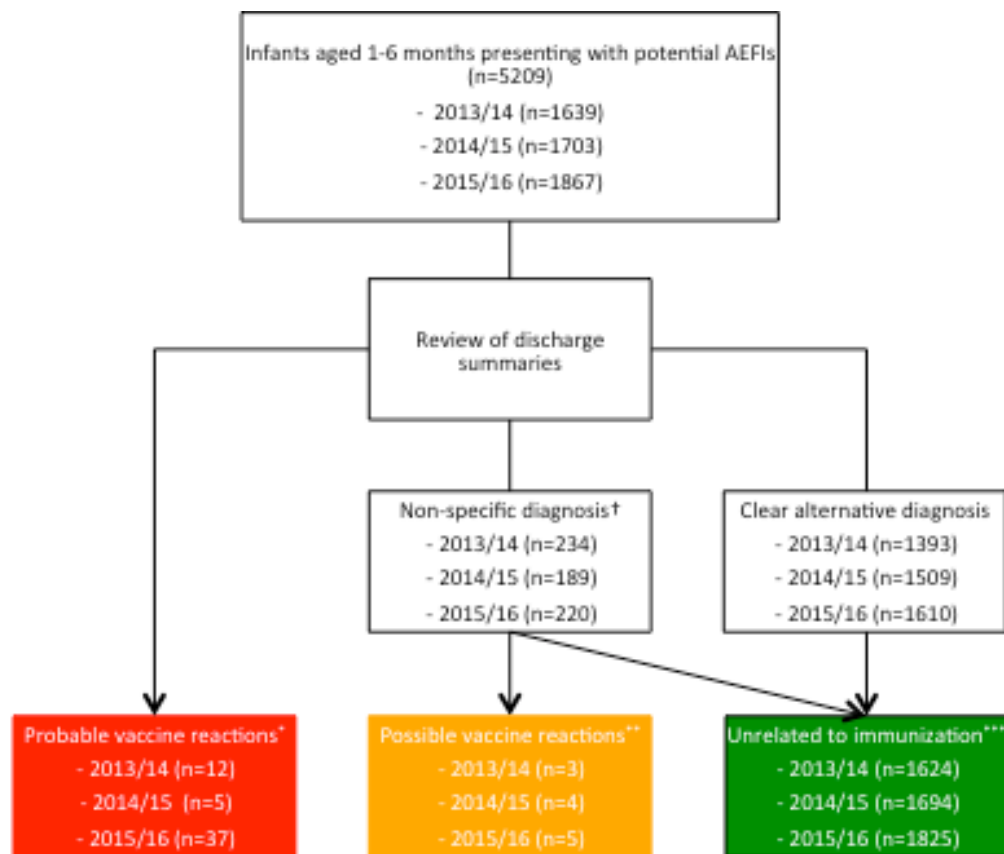
Supplementary Table 1:

Age due	Pre-4CMenB era	Post-4CMenB era
Two months old	<ul style="list-style-type: none"> - Diphtheria, tetanus, pertussis, polio and Haemophilus influenzae type b Hib (DTaP/IPV/Hib) - Pneumococcal conjugate (PCV) - Rotavirus 	<ul style="list-style-type: none"> - Diphtheria, tetanus, pertussis, polio and Haemophilus influenzae type b Hib (DTaP/IPV/Hib) - Pneumococcal conjugate (PCV) - Rotavirus - Meningococcal group B (4CMenB)
Three months old	<ul style="list-style-type: none"> - Diphtheria, tetanus, pertussis, polio and Hib (DTaP/IPV/Hib) - Meningococcal C conjugate (MenC) - Rotavirus 	<ul style="list-style-type: none"> - Diphtheria, tetanus, pertussis, polio and Hib (DTaP/IPV/Hib) - Meningococcal C conjugate (MenC)* - Rotavirus
Four months old	<ul style="list-style-type: none"> - Diphtheria, tetanus, pertussis, polio and Hib (DTaP/IPV/Hib) - Pneumococcal conjugate (PCV) 	<ul style="list-style-type: none"> - Diphtheria, tetanus, pertussis, polio and Hib (DTaP/IPV/Hib) - Pneumococcal conjugate (PCV) - Meningococcal group B (4CMenB)

Supplementary Table 1: Routine immunisation schedule in the UK up to 4 months of age, pre and post-introduction of the 4CMenB vaccine. (5)

** MenC vaccine was removed from 3 month UK immunisation schedule in July 2016*

Supplementary Figure 1-2:



† Crying, irritability, sepsis, floppiness, unwell, fever or 'conditions of interest' (meningitis, seizure, rash)

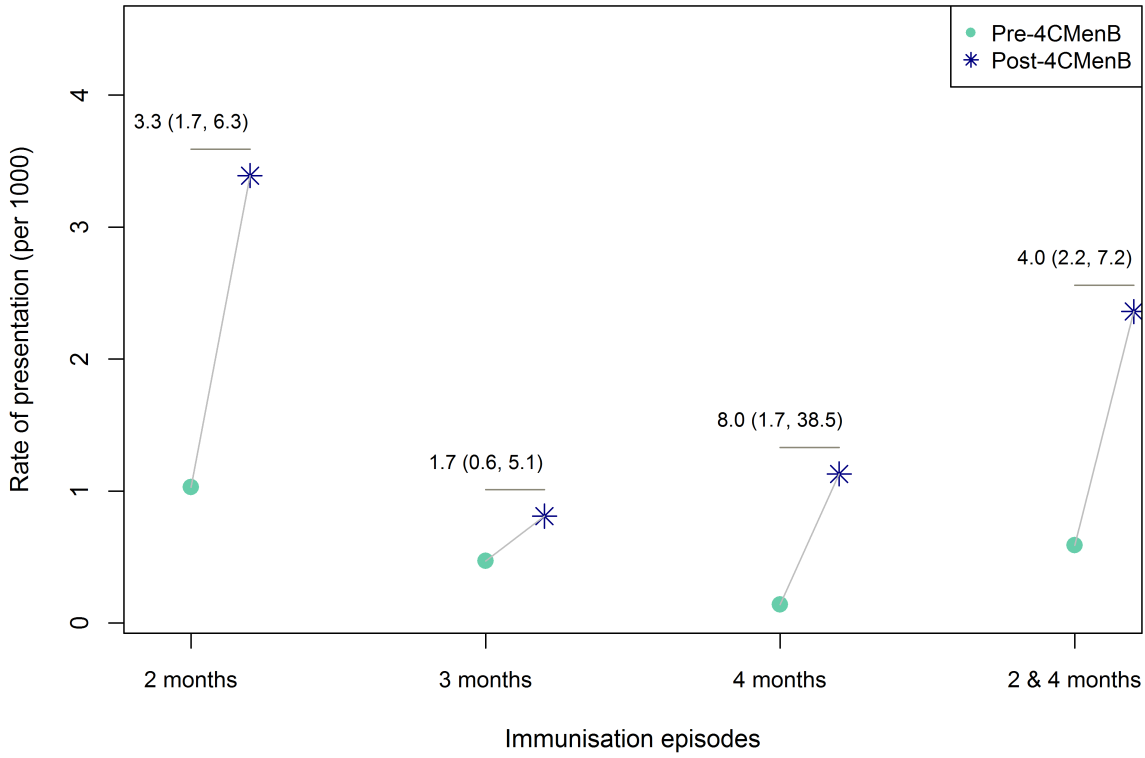
* Discharge summaries and/or clinical notes report vaccine reaction as clinical diagnosis

** Records show no clear alternative diagnosis obtained and immunisation occurred within previous 48 hours

*** Clear alternative diagnosis/conditions that are unlikely to be related to immunisation or no immunisation within previous 48 hours

Supplementary Figure 1: Classification of infants aged 1-6 months presenting to Accident and Emergency in 2013-14, 2014-15 and 2015-16

Annual rate of presentations to A&E per 1000 doses



Supplementary Figure 2: Annual rate of presentations to A&E for probable or possible AEFIs per 1000 doses, for different age groups, by pre/post-4CMenB era