










Case study: maternal health

The challenge

-  Around **23 million miscarriages** occur every year worldwide – 44 pregnancy losses every minute
-  Miscarriages cost the UK at least **£471 million** a year due to the direct impact on health services and lost productivity...
-  ...but scientists estimate this may exceed **£1 billion** per year when factoring in longer-term physical, reproductive and mental health impacts
-  Post-partum haemorrhage (PPH) accounts for **27% of all maternal deaths** worldwide – disproportionately affecting mothers in LMICs which account for 86% of all maternal deaths

Our impact

-  Our trials identified that giving progesterone to women with a history of miscarriage and bleeding in early pregnancy could **prevent up to 8,450** miscarriages a year in the UK alone
-  The research led to **new guidance issued by NICE**, recommending a course of progesterone pessaries for up to 16 weeks
-  Research into missed miscarriage confirmed that a new drug combination – misoprostol and mifepristone – is both more effective and cheaper than the NHS standard – **reducing the need for traumatic surgery**
-  Our E-MOTIVE trial found that a new care bundle reduced severe post-partum haemorrhage, postpartum laparotomy or maternal death **by 60%**
-  This work has been adopted by WHO international guidelines and identified by The Bill and Melinda Gates Foundation as 1 of only 7 interventions that could save 2 million lives by 2030