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**Systematic Review of the Effects of Fractional Dose Yellow Fever Vaccination**

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**Objectives/aims**

To assess the effects of fractional compared to standard dosing of yellow fever vaccines.

**Methods**

We registered this systematic review in the prospective register of systematic reviews; published the protocol; conducted a comprehensive search in electronic databases and reference lists of relevant publications; and followed PRISMA guidance.

**Main findings**

Safety and immunogenicity did not differ between fractional and standard doses of yellow fever vaccines (see Fig 1 below). These findings support the use of fractional-dose yellow fever vaccination as a dose-sparing strategy to mitigate vaccine shortages.

Figure 1: Comparison of the seroconversion rates between fractional and standard dose yellow fever vaccine

