GRADE table 1 on the use of a fractional dose 17DD YF vaccine via regular route of administration

Population: Immunocompetent individuals

Intervention: Fractional dose 17DD YF vaccine administered by subcutaneous or intramuscular route

within a YF vaccination campaign

Comparison: Full dose of 17DD YF vaccine **Outcome**: Cases of YF in outbreak settings

	unocompetent indi		onal dose administe	red via regular route of
- GGIIIIII	Actualism provente 11	41004001	Rating	Adjustment to rating
Quality Assessment	No. of studies/starting rating		1/RCT 2/Observational ¹	4
	Factors decreasing confidence	Limitation in study design	Serious	0
		Inconsistency	None serious	0
		Indirectness	Serious ²	-1
		Imprecision	Not serious	0
		Publication bias	None serious	0
	Factors increasing confidence	Large effect	Not applicable	0
		Dose-response	Not applicable	0
		Antagonistic bias and confounding	Not applicable	0
	Final numerical rating of quality of evidence			3
Summary of Findings	Statement on quality of evidence			Evidence supports a moderate level of confidence that the true effect lies close to that of the estimate of effect on health outcome.
	Conclusion			In outbreak setting, using a fractional dose of 17DD YF vaccine via regular route of administration in vaccination campaign may be warranted to mitigate the risk of YF disease individuals and discontinue further spread of the virus.

References

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¹ Although numerical GRADing is based on the RCT, two observational studies also support the conclusion.

² Administered to healthy male volunteers only; Immunogenicity data only; Study results stem from one WHO prequalified YF vaccine and might not be extrapolated to the other WHO prequalified vaccines; Potency of the vaccine may vary by batch and time of administration.