

Resource June 21, 2016

A retrospective analysis of oral cholera vaccine use, disease severity and deaths during an outbreak in South Sudan

[Article published in the Bulletin of the World Health Organization on 21-June-2016 by Latorre-Arteaga, S. et al.](#) [1]

ABSTRACT

Objective: To describe the adaptation and scaling-up of an intervention to improve the visual health of children in Apurimac region, Peru.

Methods: In a pilot screening programme in 2009–2010, 26 school teachers were trained to detect and refer visual acuity problems in schoolchildren in one district in Apurimac. To scale-up the intervention, lessons learnt from the pilot were used to design strategies for: (i) strengthening multisector partnerships; (ii) promoting the engagement and participation of teachers; and (iii) increasing children’s attendance at referral eye clinics. Implementation began in February 2015 in two out of eight provinces of Apurimac, including hard-to-reach communities. We made an observational study of the processes and outcomes of adapting and scaling-up the intervention. Qualitative and quantitative analyses were made of data collected from March 2015 to January 2016 from programme documents, routine reports and structured evaluation questionnaires completed by teachers.

Results: Partnerships were expanded after sharing the results of the pilot phase. Training was completed by 355 teachers and directors in both provinces, belonging to 315 schools distributed in 24 districts. Teachers’ appraisal of the training achieved high positive scores. Outreach eye clinics and subsidies for glasses were provided for poorer families. Data from six districts showed that attendance at the eye clinic increased from 66% (45/68 children referred) in the pilot phase to 92% (237/259) in the implementation phase.

Conclusion: Adaptation to the local context allowed the scaling-up of an intervention to improve visual health in children and enhanced the equity of the programme.

Topic(s): [Use of OCV in the Field](#) [2]

Country: [South Sudan](#) [3]

Outside Link: http://www.who.int/bulletin/online_first/BLT.15.163634.pdf [1]

[OCV](#) [4]

[Journal articles](#) [5]

[English](#) [6]

Source URL: <https://www.stopcholera.org/resources/retrospective-analysis-oral-cholera-vaccine-use-disease-severity-and-deaths-during>

Links

[1] http://www.who.int/bulletin/online_first/BLT.15.163634.pdf?ua=1

[2] <https://www.stopcholera.org/topics/use-ocv-field>

[3] <https://www.stopcholera.org/countries/south-sudan>

[4] <https://www.stopcholera.org/tags/ocv>

[5] <https://www.stopcholera.org/resource-type/journal-articles>

[6] <https://www.stopcholera.org/language/english>