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Manuscript title: A phase 1b study of the safety and immunological responses to vaccination with H4:IC31, H56:IC31, and BCG revaccination in Mycobacterium tuberculosis-uninfected adolescents in Cape Town, South Africa

Corresponding author: Linda-Gail Bekker

Article type: Research paper

Does your manuscript have a reference number? No ☐ Yes ☐ If yes, enter number here: ECLINM-D-19-00303

Does your manuscript have a handling editor? No ☐ Yes ☐ If yes, enter name here: Ariana Colosio

Authors' contributions

Please insert here the contribution each author made to the manuscript—eg, literature search, figures, study design, data collection, data analysis, data interpretation, writing etc. If all authors contributed equally, please state this. The information provided here must match the contributors' statement in the manuscript.

LGB contributed to the study design, oversight of the trial, analysis, first draft, final draft; OD contributed to the oversight and analysis of the ICS assays, QC, data analysis, data interpretation, drafting, editing and review of the manuscript; AFG contributed to the study design, statistical analysis and interpretation, drafting and reviewing of the manuscript; KM contributed to the oversight of the trial, edit and review of the manuscript; JH served as medical officer and contributed to the study design, safety reviews and monitoring, review of the data and manuscript; AW contributed to data analysis and manuscript figures; AR contributed to study implementation, lab data management, analysis and interpretation, manuscript preparation and review; MR contributed to the study design, data interpretation, edit and review the manuscript; IK contributed to the study design, trial oversight, edit and review the manuscript; PLA contributed to the study design, edit and review the manuscript; CAD contributed to the study design, supply of study vaccine, critical review of the manuscript and interpretation of the data; KTR contributed to edit and review the manuscript; DT contributed to trial oversight, edit and review of the manuscript; MDM contributed to data analysis, edit and review of the manuscript; EAN contributed to the development and oversight of the cellular immunogenicity assays, QC, data analysis, data interpretation, drafting, editing and review of the manuscript; SDR contributed to the development and oversight of the cellular immunogenicity assays, QC, data analysis, data interpretation, editing and review of the manuscript; KES contributed to assay design, quality control, supervised assay performance, analysis, edit and review of the manuscript; GDT contributed to assay design, quality control, supervised assay performance, analysis, edit and review of the manuscript; MJM contributed to assay design, oversight of laboratory studies, supervised assay performance, data interpretation, edit and review of the manuscript; AG contributed to the study design, trial oversight, edit and review of the manuscript; JGK contributed to study design, oversight of trial, analysis, first draft, final draft.

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LGB contributed to the study design, oversight of the trial, analysis, first draft, final draft; OD contributed to the oversight and analysis of the ICS assays, QC, data analysis, data interpretation, drafting, editing and review of the manuscript; AFG contributed to the study design, statistical analysis and interpretation, drafting and reviewing of the manuscript; KM contributed to the oversight of the trial, edit and review of the manuscript; JH served as medical officer and contributed to the study design, safety reviews and monitoring, review of the data and manuscript; AW contributed to data analysis and manuscript figures; AR contributed to study implementation, lab data management, analysis and interpretation, manuscript preparation and review; MR contributed to the study design, data interpretation, edit and review the manuscript; IK contributed to the study design, trial oversight, edit and review the manuscript; PLA contributed to the study design, edit and review the manuscript; CAD contributed to the study design, supply of study vaccine, critical review of the manuscript and interpretation of the data; KTR contributed to edit and review the manuscript; DT contributed to trial oversight, edit and review of the manuscript; MDM contributed to data analysis, edit and review of the manuscript; EAN contributed to the development and oversight of the cellular immunogenicity assays, QC, data analysis, data interpretation, drafting, editing and review of the manuscript; SDR contributed to the development and oversight of the cellular immunogenicity assays, QC, data analysis, data interpretation, editing and review of the manuscript; KES contributed to assay design, quality control, supervised assay performance, analysis, edit and review of the manuscript; GDT contributed to assay design, quality control, supervised assay performance, analysis, edit and review of the manuscript; MJM contributed to assay design, oversight of laboratory studies, supervised assay performance, data interpretation, edit and review of the manuscript; AG contributed to the study design, trial oversight, edit and review of the manuscript; JGK contributed to study design, oversight of trial, analysis, first draft, final draft.

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Title and name:	Dr. Erica Andersen-Nissen	Highest degree:	PhD	Signature: ..... Date:	21/11/19
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