

Mini-Oral Abstract Presentations 3

#31 Cost of Antiretroviral Therapy Services Among Patients Who Achieved Viral Suppression: A Case Study Of 9 ART Clinics in Namibia

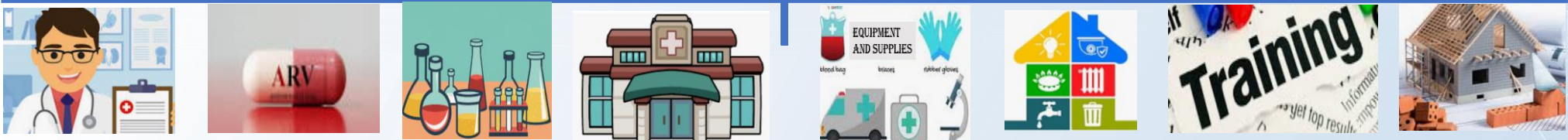
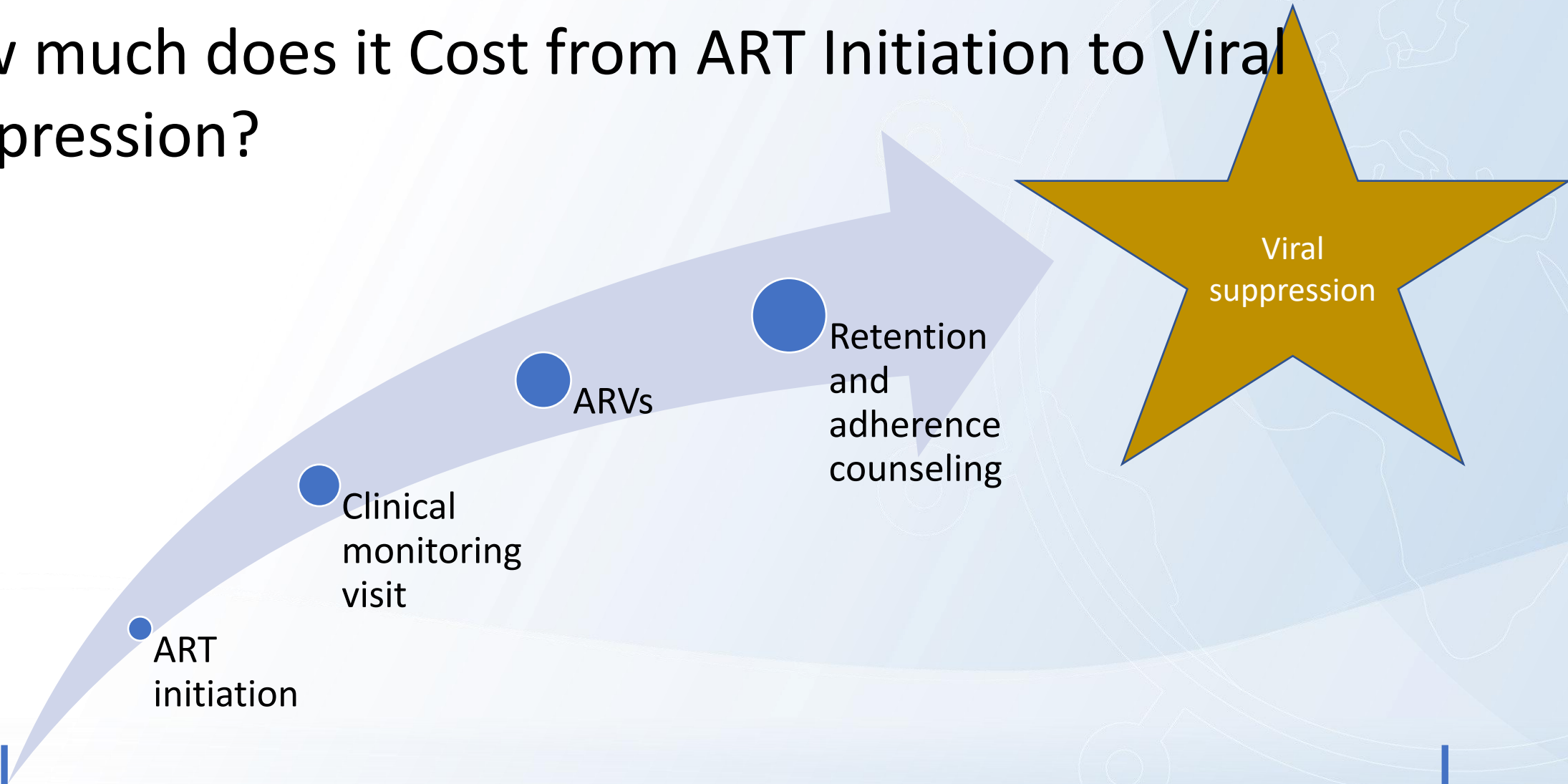
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Cost of Antiretroviral Therapy Services Among Patients Who Achieved Viral Suppression: A Case Study of 9 ART clinics in Namibia

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How much does it Cost from ART Initiation to Viral Suppression?



Study Objectives

Primary Objective: Determine the annual unit cost per patient receiving antiretroviral therapy (ART) stratified by VL and patient status.

Specifically, this study aims to:

Estimate number of patients receiving specific package of services

Document package of services delivered by VL and patient status

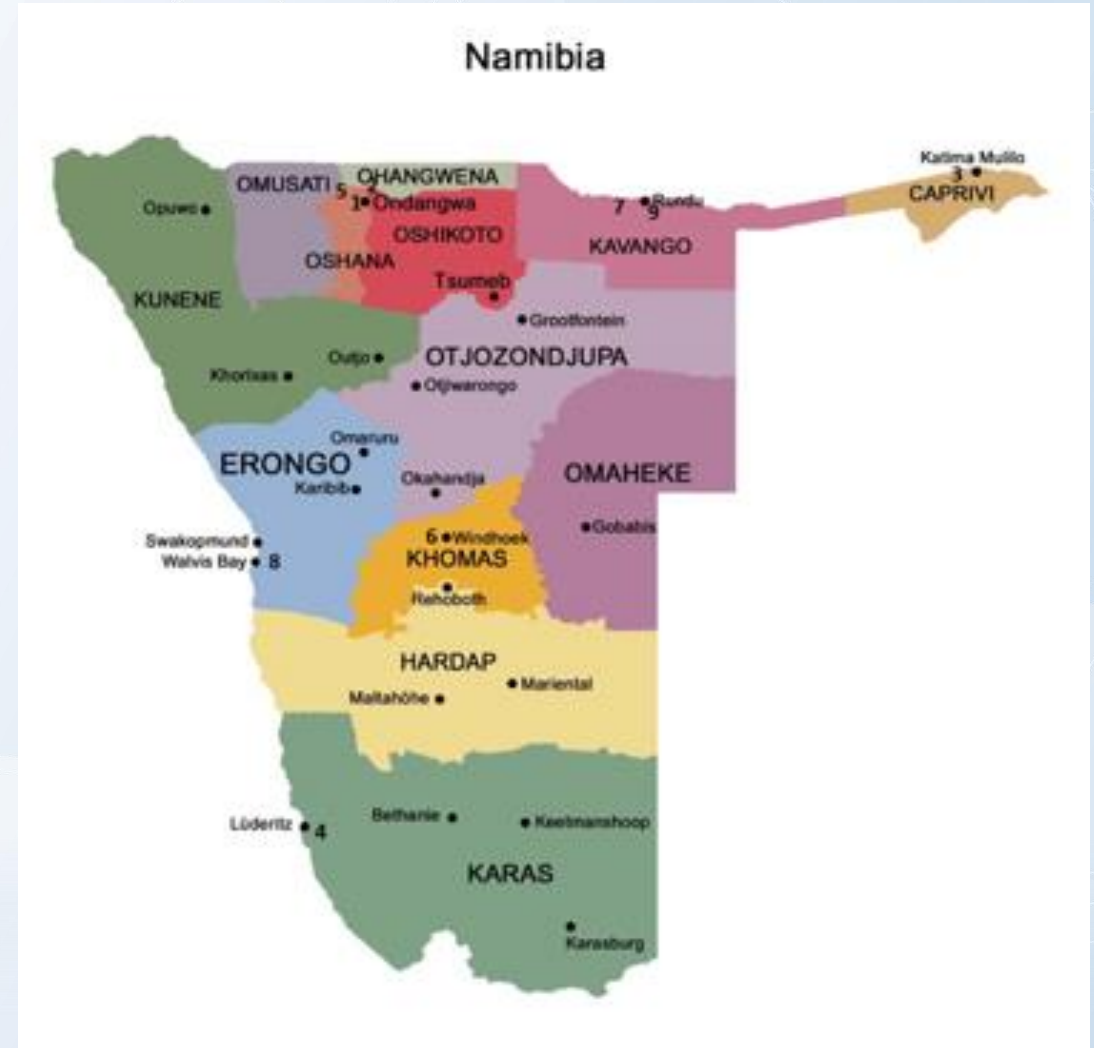
Collect data on the costs to deliver the package of services

Calculate the annual cost per patient receiving ART by VL and patient status

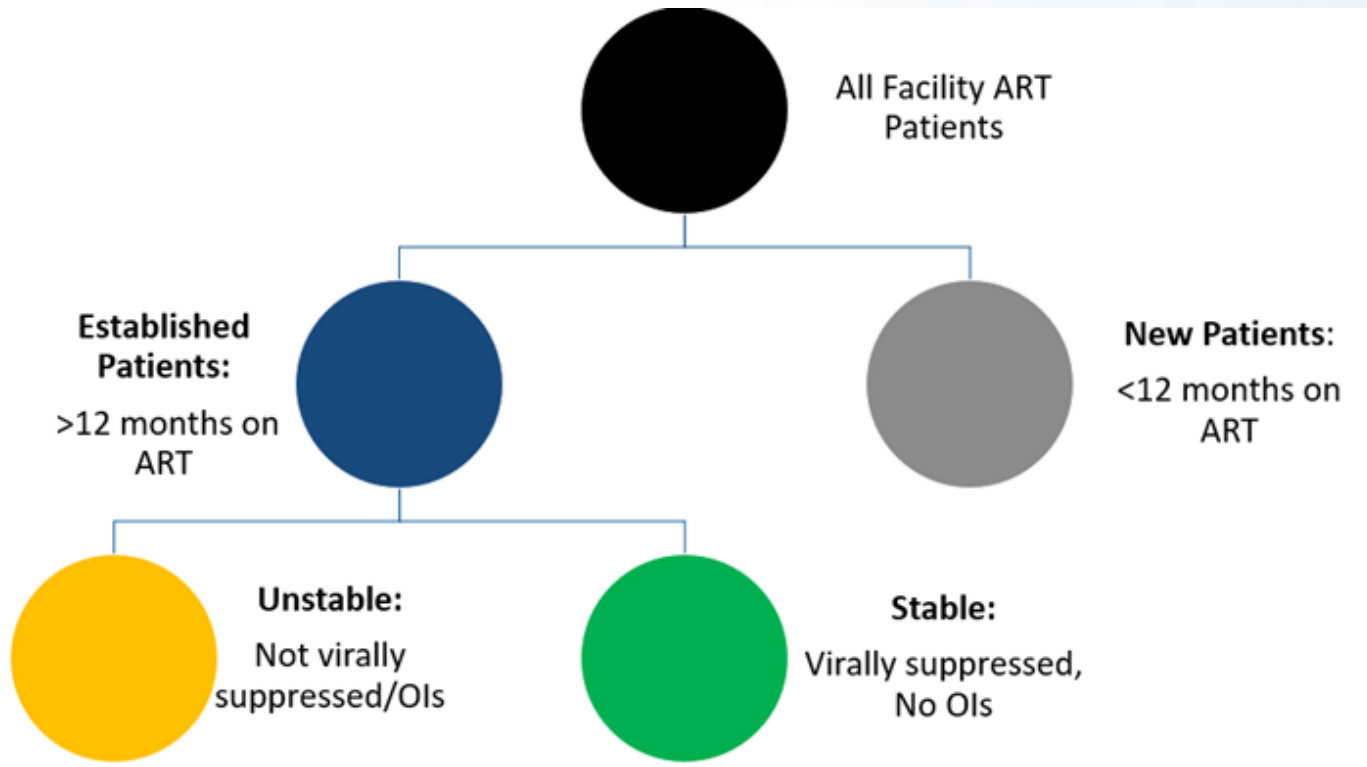
Analyze the factors associated with costs and outcomes

Study Design

- Retrospective study: 1 October 2017 – 30 September 2018
- Provider perspective
- 9 purposely selected ART clinics
- Ingredients-based and allocation top-down approach
- Data collection
 - Key informant interviews
 - Administrative data abstraction:
 - **ePMS**: Electronic Patient Monitoring System
 - **EDT**: Electronic Dispensing Tool
 - **MEDITECH**: Laboratory Information System
 - Financial records review and submissions



Patient Groups and Types



Adults
>19 years



Adolescents
10-19 years



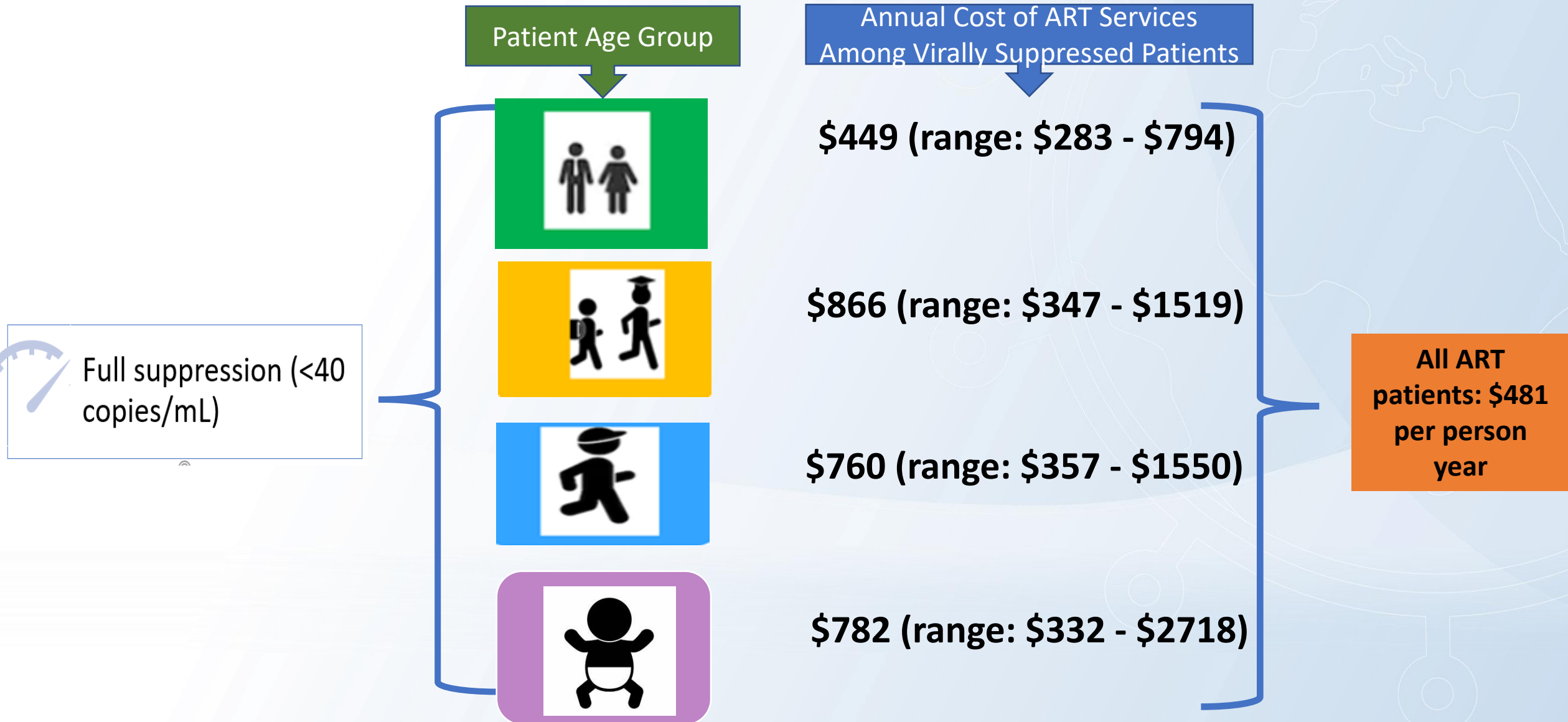
Children 3-9 Years



Infants 0-2 years



RESULTS



Full suppression (<math><40</math> copies/mL)

All ART patients: \$481 per person year

Acknowledgements

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- Namibia Ministry of Health and Social Services (MOHSS)
- Centers for Disease Control and Prevention (CDC)
- ICF
- National Institute of Pathology (NIP)

Participating Facilities

- Katutura Health Center
- Oshakati Hospital
- Nkarapamwe Clinic
- Okongo Hospital
- Nkurenkuru Health Center
- Oshikuku Hospital
- Katima Hospital
- Tamariskia Clinic
- Luderitz Hospital

Disclaimer:

The views expressed in this presentation are solely the opinions of the authors and do not necessarily reflect the official position of the funding agencies; U.S. Department of Health and Human Services, the US Centers for Disease Control and Prevention nor does mention of the department or agency name imply endorsement by the U.S. Government.

Thank You