



POUR ELLE

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**18TH GENERAL MEMBERSHIP MEETING OF THE
REPRODUCTIVE HEALTH SUPPLIES COALITION**

Mobile Supply Management Tools for Abortion Commodities

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Ipas

Overview

The supply calculators for manual vacuum aspirators (MVA) and medical abortion (MA) are designed for health facility supply managers and distributors who calculate the number of abortion commodities to keep in stock.

Existing Ipas MA & MVA supply calculator tools:

- Online
- File for download
- Excel (MA only)
- Printable chart (MVA only)
- Mobile applications

The tools are publicly available in English, Spanish and French at:

MVA: <https://www.ipas.org/Supply-Calculators/MVA>

MA: <https://www.ipas.org/Supply-Calculators/MA>

Overview

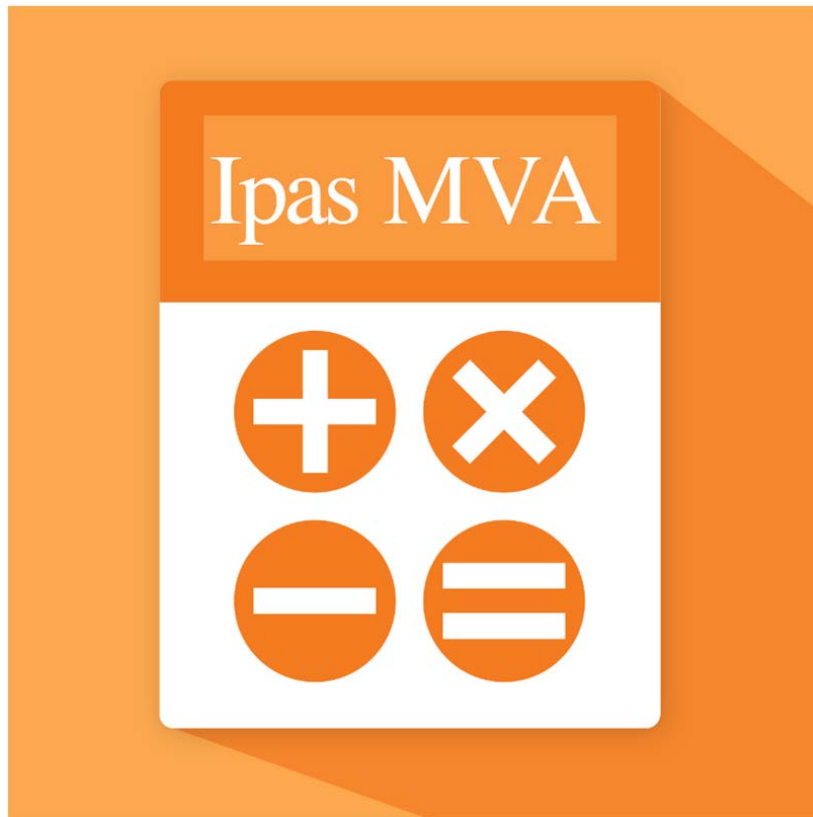
The MVA supply calculator:

- Uses facility data to estimate appropriate quantities of Ipas MVA Plus® and Single-Valve aspirators to meet expected caseload.
- Uses an average daily caseload and reuse factor for Ipas MVA instruments of 25 to calculate amount of MVA needed for the procedure room, stock room and estimates for the year.

The MA supply calculator:

- Calculates supply needs for 1st and 2nd trimester abortions that use misoprostol for postabortion care (PAC), misoprostol for induced abortion, and misoprostol with mifepristone for induced abortion.
- Enables users to quickly and easily calculate a facility's average monthly consumption of MA commodities and recommended minimum (3 months) and maximum (6 months) inventory levels.

Mobile Applications





Piloting the mobile applications

RHSC Innovation Fund Award

Innovation Fund - Project Overview

The potential advantages of mobile tools:

- May be easier to use, more accessible
- Do not need the internet or a computer
- Can use email or text to share information / order immediately
- Prevent stock outs

The goals of the project were to:

- Pilot test the mobile tools with supply managers and providers in a real-world setting
- Test the tools in the public sector and private sector supply chains to assess accuracy, feasibility and usability
- Make changes to applications before dissemination

Recruitment and Training

Recruited 47 participants from 2 states in Nigeria (FCT and Ogun)

- Mostly providers who manage their own supply
- Predominantly from the private sector

1-day training in each state

- Overview of project
- Downloading the app
- Practice scenarios to use app and apply to supply needs
- Practice emailing/texting the results

Data Collection

Baseline and endline quantitative surveys for all participants

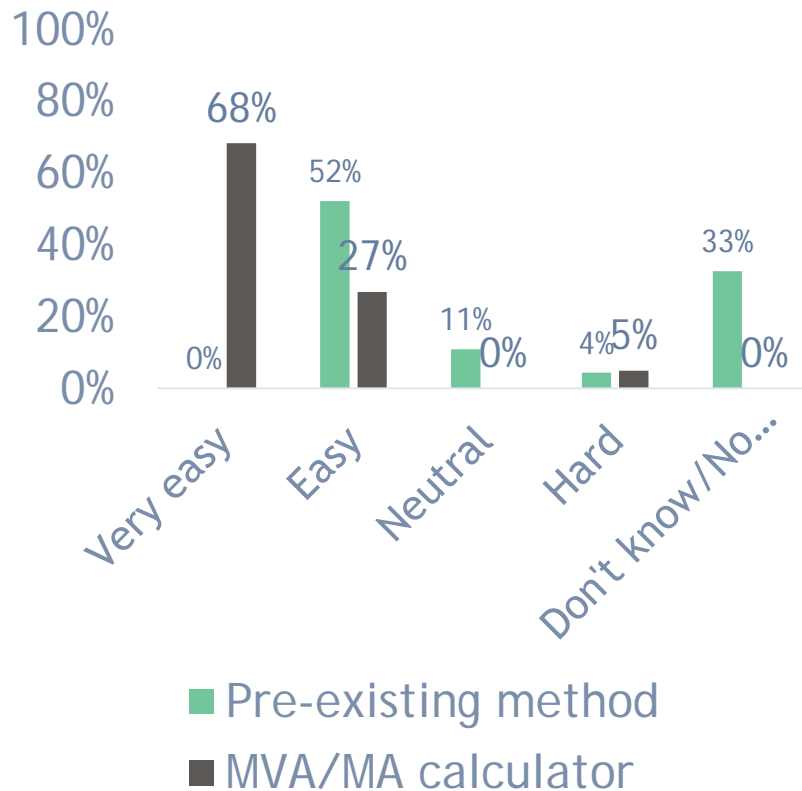
Questions focused on how participants calculate their supply needs, how they report, how they order, how easy they found the new apps to use for calculation, reporting and ordering

3 months of data (usage log)

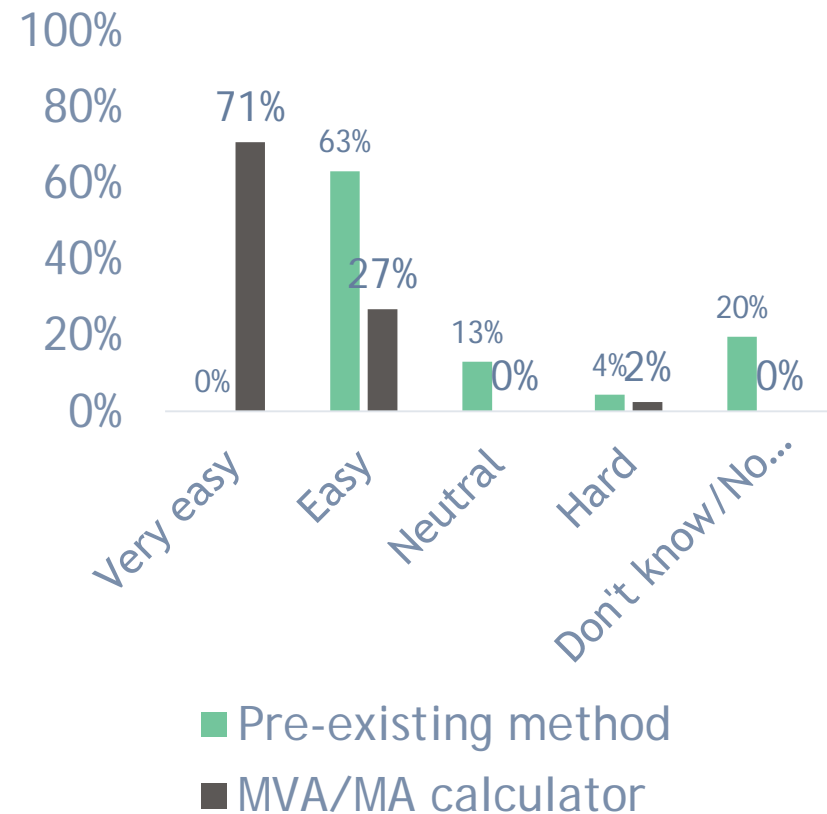
10 users participated in more in-depth qualitative interviews at end of pilot study

Ease of Use

How easy is it to use the previous and current process for calculating MA and MVA supply?

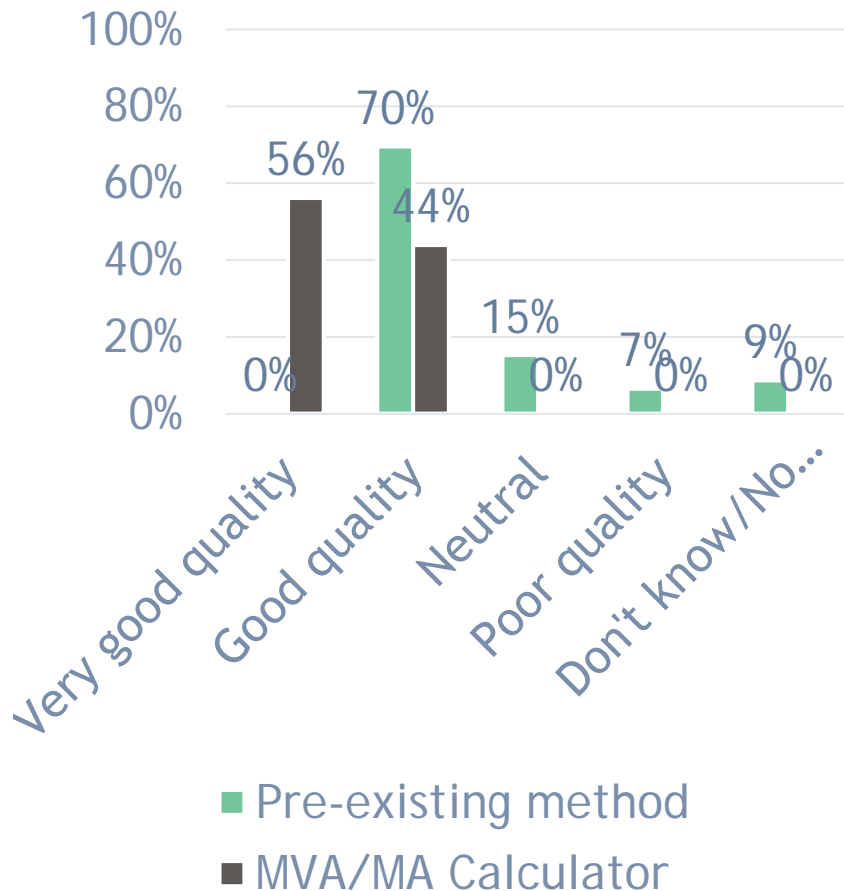


How easy is it to use the previous and current process for ordering MA and MVA supply?

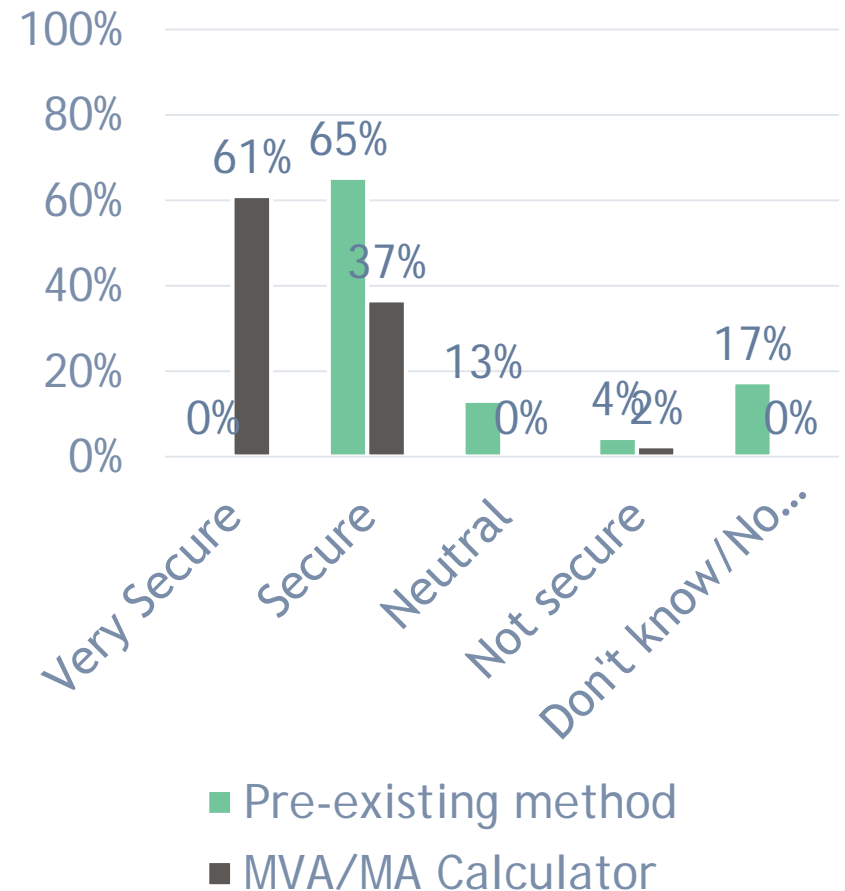


Perception of Data Quality and Security

How do you feel about the quality of data for MA & MVA supply management?



How do you feel about the security of data for MA & MVA supply management?



Interview Responses

But with this one now you will get even the number of misoprostol...MA. You will just project it and it will come out perfectly. Yes. It is easier even if you get supply of one year

It has actually helped me determine the quantity of thing that is supposed to be in my stock at any particular time"

"... but with this application, it[estimation] is fast"

"The aspect I like most is that I don't experience stock out now. Unlike before, sometimes if patients come and they request MA instead of MVA, because I must have run out of drugs, I have to call some of my colleagues to get some. That one is not happening now"

Summary of the findings

Tools have the capacity to accurately provide estimates that would ensure continuous availability of abortion commodities in both private and public health facilities

Tools can be used in the public sector and private sector supply chains, though some users may have trouble downloading and using them at first.

The scaling up of the tool for supply management among service providers, suppliers and supply managers in Nigeria is feasible.

Programmatic implications of the findings

from Nigeria dissemination meeting

Slight modifications to the tool were made

- Changes to text and email
- Will try to make it faster to input data into MA application

Awareness creation for the tool is recommended

Training of more service providers, suppliers and supply managers to use the tools is recommended

Development of a FP commodity calculator should be considered

Thank you to the
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