

Manual Vacuum Aspirator (MVA): Potential Alternative to Dilation & Curettage (D&C)-Dilation & Evacuation (D&E) Canisters

Healthcare systems across the nation and the world are experiencing supply chain disruptions and product shortages due to the ongoing influence of COVID-19. This resource provides information regarding the types of hand-held suction devices that may be used as an alternative to full suction devices in appropriate patients experiencing miscarriage or incomplete miscarriage.

Overview

A manual vacuum aspirator (MVA) is designed to remove contents from the uterus. The Ipas MVA is indicated for use in incomplete miscarriage or missed miscarriage. The International Federation of Gynecology and Obstetrics recommends evacuation of the uterus with medication or vacuum aspiration over dilation and curettage.¹

- **Ipas MVA Plus** is designed for reuse up to 25 times. It is disassembled and cleaned using autoclave or cold methods such as Cidex or Sporax II. It is compatible with cannulae ranging from 4-12 mm.
- **Ipas Double-Valve Aspirator** is a single use device compatible with cannulae sizes ranging from 4-12 mm.
- **Miscarriage Management Kit** includes Ipas Double-Valve Aspirator, four Ipas EasyGrip Cannulae (6-9mm) and three Denniston Dilators (5/6, 7/8, 9/10 mm).

Cannula size is selected by the provider based on gestational age. This device is not indicated for uterine sizes exceeding 12 weeks gestation.

Physician Advisor Insight

An Obstetrics & Gynecology specialist from our HealthTrust Physician Advisor Network offered the following insight with regard to the acceptability of this device as an alternate to current D&C/D&E suction devices:²

- These sets (the cannula curette and collection chamber) are of adequate size to be used for incomplete miscarriage or missed miscarriage if minimal bleeding and if not able to treat medically.
- This device **may be considered** for use in more complex cases, bleeding or incomplete miscarriage. However, standard suction equipment is optimal and preferred in these cases.
- This device is available as a reusable device or a one-time use disposable system.
- This can be used outside of the surgical suites in an office or emergency department setting.
- It is not intended to be used for gestational trophoblastic disease.

Additional Resources:

For additional resources on D&C/D&E conservation, contact your HealthTrust Account Manager or e-mail clinical.services@healthtrustpg.com.

**Due to the sensitivity and religious implications for some of the uses of this device, members of faith-based organizations may wish to contact your ethicist with questions.*

References

1. Manual Vacuum Aspirator. *Woman Care Global/HPSRx Enterprises*. Product website. Available at: <https://www.hpsrx.com/mva-products>
2. 2022 Physician Advisor Network: Obstetrics & Gynecology Physician Expert Inquiry. Collected April 14, 2022.

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Initial or Update	Date	Completed by	Changes Made
Initial	4.19.2022	SM/KSB	Created