

# Long-Acting HIV Antiretroviral Therapy (ART): Cabotegravir/Rilpivirine (CAB/RPV)

Dosing Infographic for HIV Care Teams



# **Once Monthly Dosing of Long-Acting CAB/RPV**



### **Pre-Initiation**

#### **Oral ART**



#### Oral Lead-In\*

Prescribe two tablets (oral CAB and RPV) to be taken orally by client once daily with a full meal for up to 30 days:

One CAB 30 mg tablet and one RPV 25 mg tablet

Οľ

**Continue current oral HIV medicines** 

#### Initiation

#### **Month One**



On the last day of oral ART, administer:

One long-acting CAB 600 mg/3 mL and one long-acting RPV 900 mg/3 mL

# **Continuation**

# **Months Two and Beyond**



For monthly treatment continuation, administer:

One long-acting CAB 400 mg/2 mL and one long-acting RPV 600 mg/2 mL

Two IM injections at separate gluteal sites (opposite sides or 2 cm apart) during the same visit.

<sup>\* =</sup> Option to assess tolerability; ART = Antiretroviral Therapy; IM = Intramuscular; CAB = Cabotegravir; RPV = Rilpivirine

# Management of Missed Once Monthly Dosing of Long-Acting CAB/RPV



# **Rescheduling and Managing Missed Injection Appointments**

- Attempt to reschedule the injection appointment to be within seven days of the agreed date of injection, also known as the seven-day time window.
  - If the rescheduled injection appointment is within the seven-day time window, there is no need to bridge with oral ART.\*
  - If the rescheduled injection appointment is outside the seven-day time window, the client should bridge with oral ART.\*
- When used for oral bridge, oral ART\* should be started one month after the last injections and continued until and including the day injection dosing is continued.
- Confirm client has access to oral ART.\*
- Staying on HIV medicines is important to avoid risk of resistance.

# Management of Missed Once Monthly Dosing of Long-Acting CAB/RPV



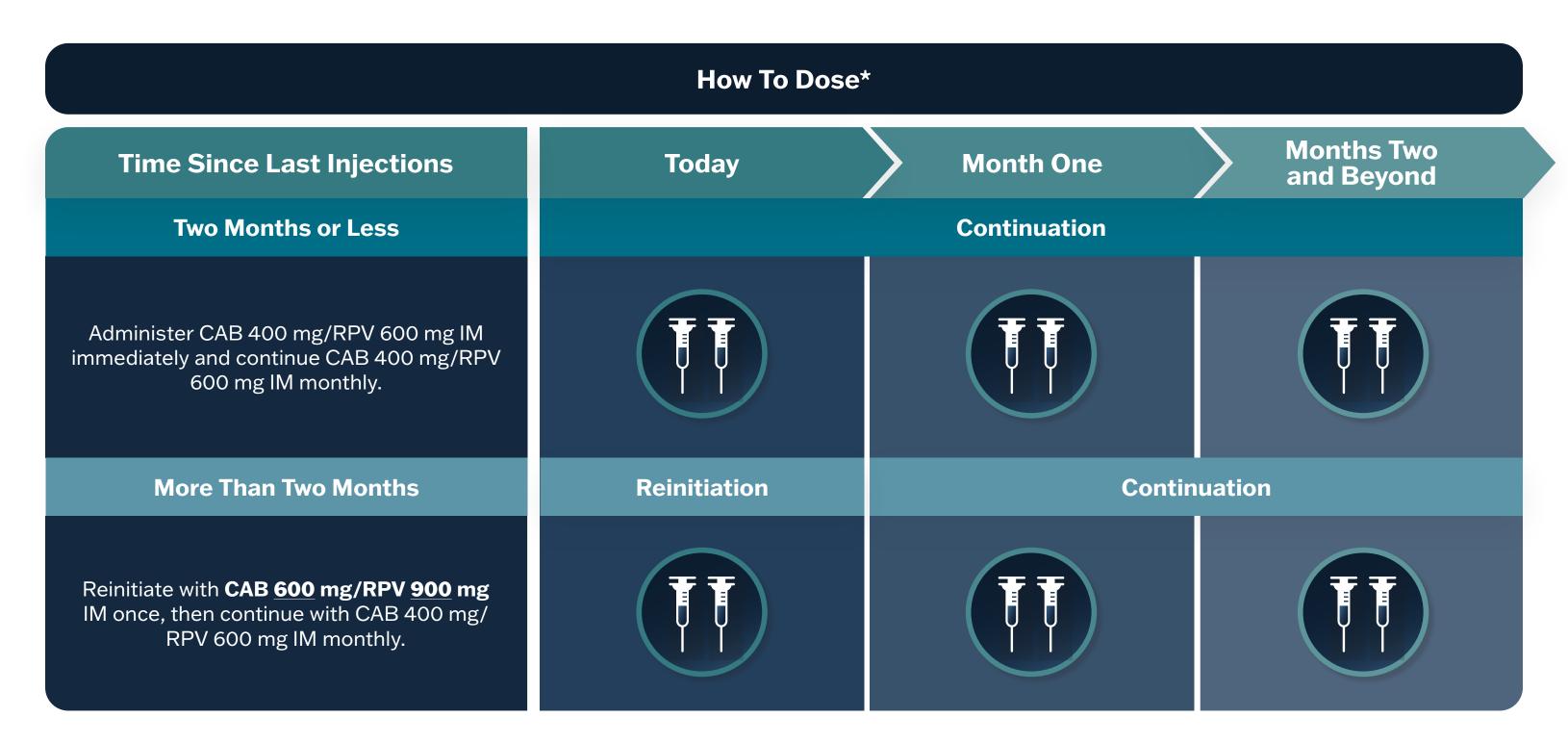
# **Dosing Schedule**

- If the injection appointment is within the seven-day time window, continue the established dosing schedule of CAB 400 mg/RPV 600 mg IM monthly.
- If the injection appointment is outside the seven-day time window, discuss with the client and determine whether it is appropriate to continue injections. Offer supportive services if helpful.
  - If deemed appropriate (regardless of whether the client has been taking oral ART\*), dose as follows:
    - If two months or less since last injections: Administer CAB 400 mg/RPV 600 mg IM immediately and continue CAB 400 mg/RPV 600 mg IM monthly.
    - If more than two months since last injections: Reinitiate with CAB 600 mg/RPV 900 mg IM once, then continue with CAB 400 mg/RPV 600 mg IM monthly.

# Management of Missed Once Monthly Dosing of Long-Acting CAB/RPV



Give injections only after discussion with the client to evaluate appropriateness and need for supportive services.



<sup>\* =</sup> Regardless of whether the client has bridged with oral ART; CAB = Cabotegravir; RPV = Rilpivirine

# **Every Two Month Dosing of Long-Acting CAB/RPV**



Months Five, Seven,

# **Pre-Initiation**

## **Oral ART**



#### Oral Lead-In\*

Prescribe two tablets (oral CAB and RPV), to be taken orally by client once daily with a full meal for up to 30 days:

One CAB 30 mg and one RPV 25 mg or

**Continue current** oral HIV medicines

#### Initiation

#### **Month One**



**Month Two** 

On the last day of oral ART, administer:

One long-acting CAB <u>600</u> mg/3 mL and one long-acting RPV <u>900</u> mg/3 mL

On month two, administer:

One long-acting CAB <u>600</u> mg/3 mL and one long-acting RPV <u>900</u> mg/3 mL

# **Continuation**

#### **Month Three**



Months Four, Six, Eight, and Beyond



For every two month treatment continuation, administer:

One long-acting CAB <u>600</u> mg/3 mL and one long-acting RPV <u>900</u> mg/3 mL

Two IM injections at separate gluteal sites (opposite sides or 2 cm apart) during the same visit.

<sup>\* =</sup> Option to assess tolerability; ART = Antiretroviral Therapy; IM = Intramuscular; CAB = Cabotegravir; RPV = Rilpivirine



# **Rescheduling and Managing Missed Injection Appointments**

- Attempt to reschedule the injection appointment to be within seven days of the agreed date of injection, also known as the seven-day time window.
  - If the rescheduled injection appointment is within the seven-day time window, there is no need to bridge with oral ART.\*.
  - If the rescheduled injection appointment is outside the seven-day time window, the client should bridge with oral ART.\*
- When used for oral bridge, oral ART\* should be started two months after the last injections and continued until and including the day injection dosing is continued.
- Confirm client has access to oral ART.\*
- Staying on HIV medicines is important to avoid risk of resistance.



# **Dosing Schedule**

- If the injection appointment is within the seven-day time window, continue the established dosing schedule of CAB/RPV IM every two months.
- If the injection appointment is outside the seven-day time window, discuss with the client and determine whether it is appropriate to continue injections. Offer supportive services if helpful.
  - If deemed appropriate (regardless of whether the client has been taking oral ART\*), dose as follows:
    - If second injections (second initiation doses) missed:
      - If two months or less since first (initiation) injections: Administer CAB 600 mg/RPV 900 mg IM immediately and then continue CAB 600 mg/RPV 900 mg IM every two months.
      - ♦ If more than two months since first (initiation) injections: Reinitiate with CAB 600 mg/RPV 900 mg IM monthly for two months and then continue with CAB 600 mg/RPV 900 mg IM every two months.
    - If third or later injections (continuation doses) missed:
      - If three months or less since last injections: Administer CAB 600 mg/RPV 900 mg IM immediately and then continue CAB 600 mg/RPV 900 mg IM every two months.
      - ♦ If more than three months since last injections: Reinitiate with CAB 600 mg/RPV 900 mg IM monthly for two months and then continue with CAB 600 mg/RPV 900 mg IM every two months.



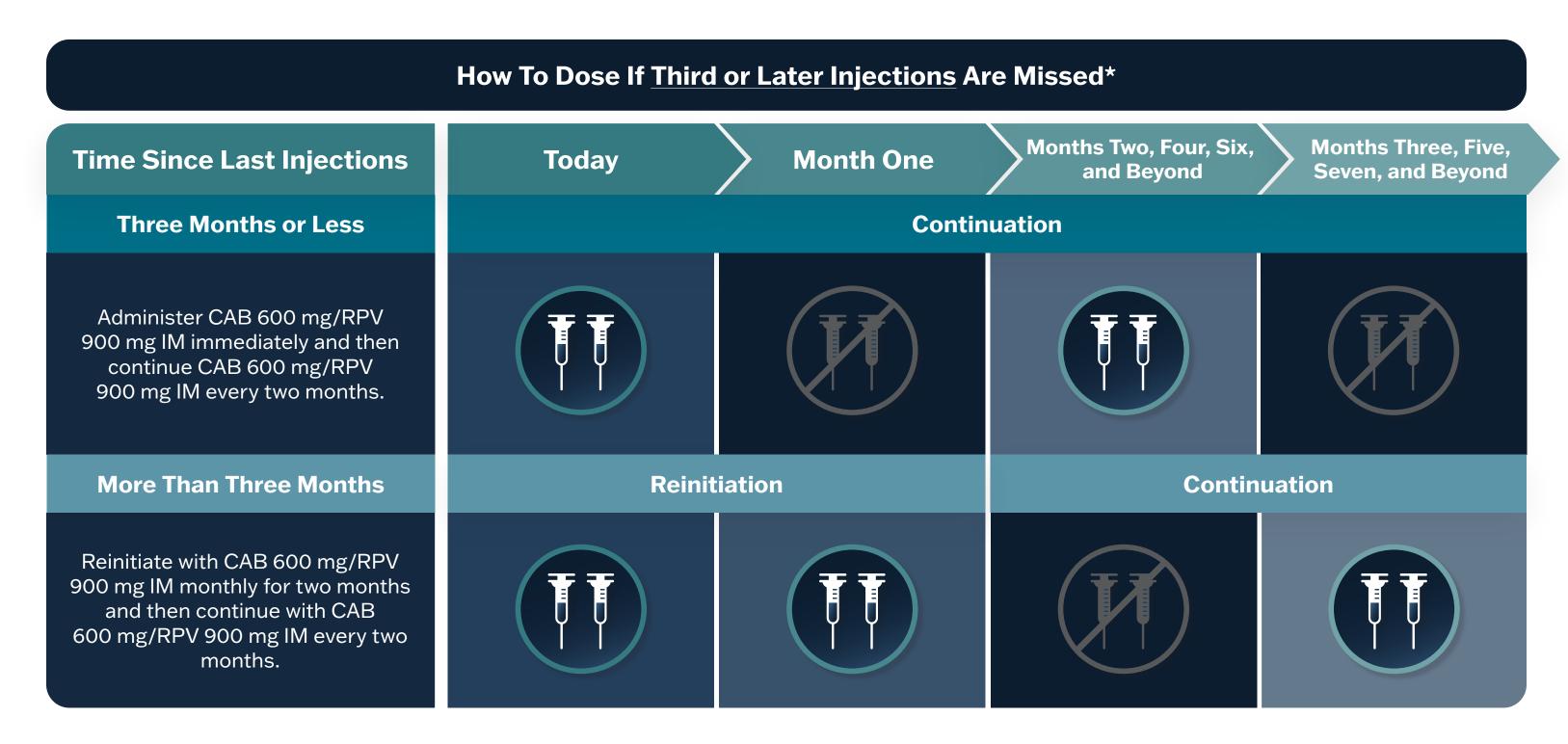
Give injections only after discussion with the client to evaluate appropriateness and need for supportive services

# How To Dose If Second Injections (Second Initiation Doses) Are Missed\* **Months Two, Four, Six,** Months Three, Five, Today **Time Since Last Injections Month One** and Beyond Seven, and Beyond **Two Months or Less Continuation** Administer CAB 600 mg/RPV 900 mg IM immediately and then continue CAB 600 mg/RPV 900 mg IM every two months. **More Than Two Months** Reinitiation **Continuation** Reinitiate with CAB 600 mg/RPV 900 mg IM monthly for two months and then continue with CAB 600 mg/RPV 900 mg IM every two months.

<sup>\* =</sup> Regardless of whether the client has bridged with oral ART; CAB = Cabotegravir; RPV = Rilpivirine



Give injections only after discussion with client to evaluate appropriateness and need for supportive services



<sup>\* =</sup> Regardless of whether the client has bridged with oral ART; CAB = Cabotegravir; RPV = Rilpivirine

# **Switching From Once Monthly to Every Two Month Dosing Of CAB/RPV**



# **Once Monthly**

**Current** 

# **Switch**

**Month One** 

# **Every Two Month Continuation**

**Month Two** 

**Months Three, Five, Seven, and Beyond** 

Months Four, Six, Eight, and Beyond



For the last once monthly dose, administer:

One long-acting CAB 400 mg/2 mL and one long-acting RPV 600 mg/2 mL



After one month, switch and administer:

One long-acting CAB 600 mg/3 mL and one long-acting RPV 900 mg/3 mL







For every two month treatment continuation, administer:

One long-acting CAB 600 mg/3 mL and one long-acting RPV 900 mg/3 mL

Two IM injections at separate gluteal sites (opposite sides or 2 cm apart) during the same visit.v

# Switching From Every Two Month Dosing To Once Monthly Dosing of CAB/RPV



# **Every Two Month**

#### **Current**



For the last every two month dose, administer:

**One long-acting CAB** 600 mg/3 mL and one longacting RPV 900 mg/3 mL

# **Switch**

#### **Month One**





After two months, switch and administer:

**Month Two** 

**One long-acting CAB** 400 mg/2 mL and one longacting RPV 600 mg/2 mL

# **Once Monthly Continuation**

# **Months Three and Beyond**



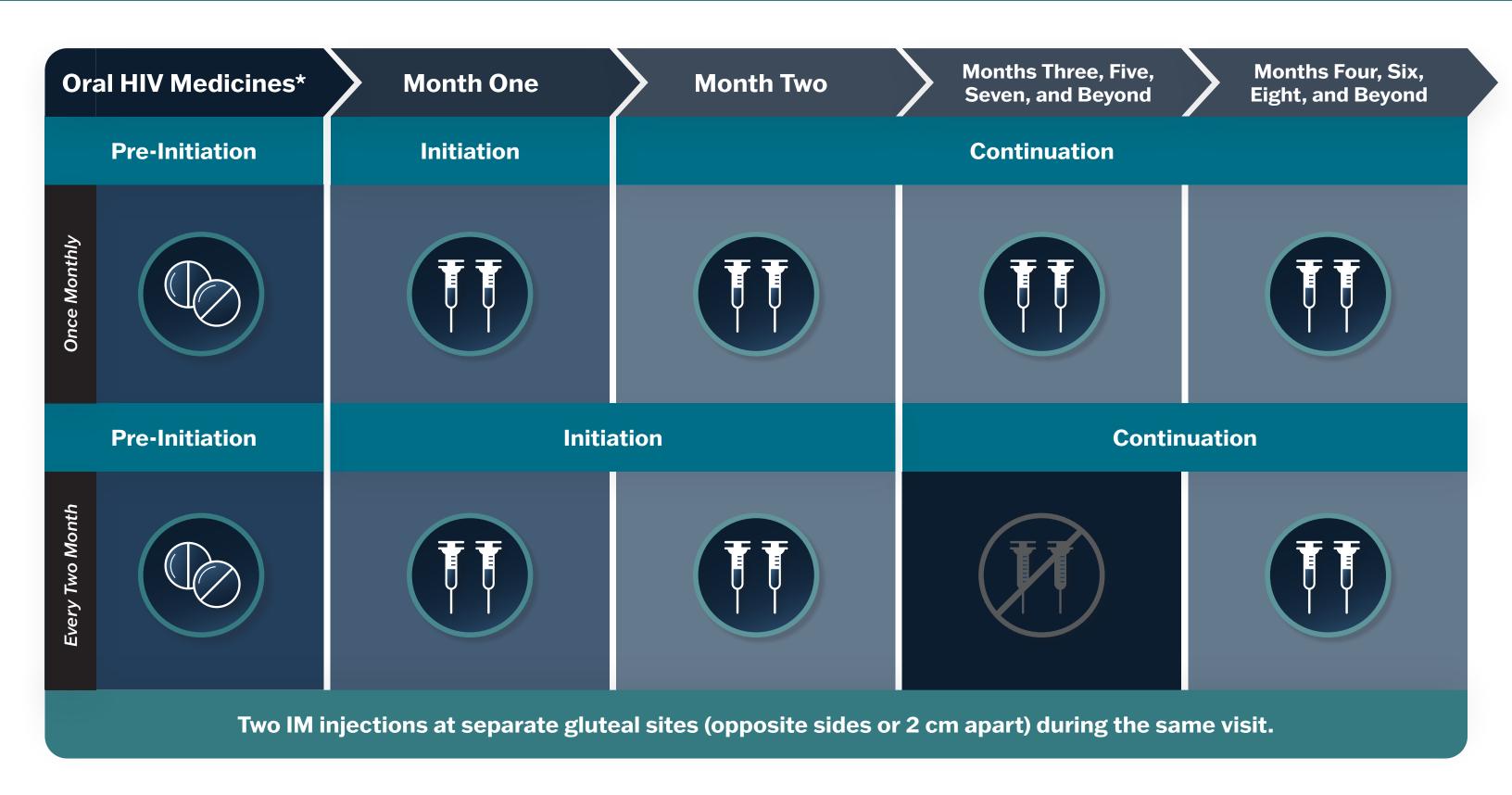
For once monthly treatment continuation, administer:

**One long-acting CAB** 400 mg/2 mL and one longacting RPV 600 mg/2 mL

Two IM injections at separate gluteal sites (opposite sides or 2 cm apart) during the same visit.

# **Comparison of Dosing Options for Long-Acting CAB/RPV**





<sup>\* =</sup> May either be oral lead-in (oral CAB and RPV) or continued oral HIV medicines; CAB = Cabotegravir; RPV = Rilpivirine

# **Scheduling Considerations for Long-Acting CAB/RPV**



- Each client will have an agreed date of injection (ADI) either based on a:
  - Fixed date (for example, a set date between the first and twenty-eighth day of the month, monthly, or every two months) or
  - Fixed weekly interval (for example, every four weeks for once monthly and every eight weeks for every two months dosing).
- The client can receive their long-acting CAB/RPV injections within the appropriate seven-day time window, which includes the seven days before or after the client's ADI:
  - Example of a fixed date ADI: If the ADI is the 10th of the month, they can receive medicines between the 3rd and 17th of the month or
  - Example of a fixed weekly interval ADI: If the ADI is every fourth week, they can receive medicines between the third and fourth weeks.
- When scheduling an injection appointment, attempt to schedule the date to be within the seven-day time window of the ADI.
- If unable to schedule within the appropriate seven-day time window, the client should take oral ART\* to bridge.
  - Bridging means that a client will take oral ART\* to cover or "bridge" for missed injections.
  - This is because staying on HIV medicines (whether injection or oral ART\*) is important to avoid risk of HIV resistance.
  - Confirm if the client has access to oral ART\* and receives relevant education as appropriate.
- When used for bridging, oral ART\* should be started on the day of a missed appointment (or within the seven-day time window of ADI) and continued daily until and including the day injection dosing is continued.
  - ♦ For **Once Monthly Dosing**, oral ART\* should be started **one month** since the last injections.
  - ♦ For Every Two Month Dosing, oral ART\* should be started two months since the last injections.

# Rescheduling and Managing Missed Injection Appointments



Rescheduling Scenario	Additional Tasks Needed
Able to reschedule injection appointment within the seven-day time window <sup>1</sup>	• None
Unable to reschedule the injection appointment within the seven-day time window <sup>1</sup>	<ul> <li>Confirm the client has access to oral ART* and receives relevant education</li> <li>Client will need to "oral bridge" or take oral ART* starting on the day of a missed injection appointment and continued daily until the day of the next injection appointment</li> </ul>
Unable to reschedule the injection appointment within the seven-day time window¹ and the client did not oral bridge with oral ART*	<ul> <li>Escalate to the HIV care provider to discuss and reschedule the appointment as soon as possible</li> </ul>

Note: When possible, document the reason for rescheduling. This allows the care team to proactively discuss barriers and offer supportive services, when appropriate.

<sup>&</sup>lt;sup>1</sup>Seven-day time window = Seven days before or after the client-specific agreed date of injection that long-acting CAB/RPV can be administered

<sup>\*</sup> Oral ART = Any fully suppressive oral antiretroviral therapy (no limit) or oral CAB and RPV once daily (limited to two months)



# Long-Acting HIV Antiretroviral Therapy (ART): Cabotegravir/Rilpivirine (CAB/RPV)

Dosing Infographic for Clients



# What To Expect With Once Monthly Dosing of CAB/RPV



#### **Pre-Initiation**

#### **Oral HIV Medicines**



#### Oral Lead-In\*

Take one tablet of CAB 30 mg (brand name: Vocabria) and one tablet of RPV 25 mg (brand name: Edurant) together by mouth once daily with a full meal for up to 30 days

or

Continue current oral HIV medicines as prescribed

#### Initiation

#### **Month One**



### Continuation

# Months Two and Beyond



- You will start injections on the last day of oral lead-in\* or current oral HIV medicines.
- For the first injection appointment, you will get two injections (3 milliliters [mL] each) into the buttocks muscle.
- For every month after, you will get two injections (2 mL each) into the buttocks muscle.
- It is very important to receive your injections within the appropriate "seven-day time window."
  - The seven-day time window includes the seven days before and after your agreed date of injection.
- Discuss a backup plan with your HIV care provider if you are unable to receive injections within the seven-day time window.
- Communicate any side effects, concerns, or changes to your medicines with your provider.

<sup>\* =</sup> Option to see how your body responds to the medicines; CAB = Cabotegravir; RPV = Rilpivirine

# What To Expect With Every Two Month Dosing of CAB/RPV

**Month One** 



# **Pre-Initiation**

# **Oral HIV Medicines**



#### Oral Lead-In\*

Take one tablet of CAB 30 mg (brand name: Vocabria) and one tablet of RPV 25 mg (brand name: Edurant) together by mouth once daily with a full meal for up to 30 days:

or

Continue current oral HIV medicines as prescribed

#### Initiation

# **Month Two**



# Continuation

**Month Three** 



**Months Four, Six, Eight and Beyond** 



- You will start injections on the last day of your oral lead-in\* or current oral HIV medicines.
- To make sure the medicines are in your body at the right levels, you will receive injections:
  - Once monthly for the first and second month, then
  - Once every two months.
- At each injection appointment, you will receive two injections (3 mL each) into the buttocks muscle.
- It is very important to receive your injections within the appropriate "seven-day time window."
  - ♦ The seven-day time window includes the seven days before or after your agreed date of injection.
- Discuss a backup plan with your HIV care provider if you are unable to receive injections within the seven-day time window.
- Communicate any side effects, concerns, or changes to your medicines with your provider.

<sup>\* =</sup> Option to see how your body responds to the medicines; CAB = Cabotegravir; RPV = Rilpivirine