

Clinical Quality Indicators

Patients currently on PrEP

Patients currently on PrEP

Definitions:

- **Eligibility:** Any patient who has been prescribed PrEP during the review period.

Risk Assessment

Proportion of patients who received a risk assessment regarding history of condom usage, STI, intravenous drug use, transactional sex, and Non-occupational Post-Exposure Prophylaxis (nPEP) at baseline and every 4 months afterwards.

| Denominator | Numerator |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">○ All patients | <ul style="list-style-type: none">○ Number of patients who received a risk assessment at least every 4 months○ Risk assessments include:<ul style="list-style-type: none">○ Condom usage○ STI history○ Intravenous drug use history○ Transactional sex history○ Non-occupational Post-Exposure Prophylaxis (nPEP) history |

HIV Testing

Proportion of patients who received an HIV test at baseline and every 4 months afterwards.

| Denominator | Numerator |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">○ All patients | <ul style="list-style-type: none">○ Number of patients who received an HIV test at baseline and at least every 4 months |

HIV Seroconversion

Proportion of patients who test positive for HIV.

| Denominator | Numerator |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">○ All patients who were tested for HIV | <ul style="list-style-type: none">○ Number of patients who test positive for HIV while on PrEP |

STI Screening

Proportion of patients who received a syphilis, gonorrhea, and chlamydia tests at baseline and every 4 months.

| Denominator | Numerator |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">○ All patients | <ul style="list-style-type: none">○ Number of patients who received syphilis, gonorrhea, and chlamydia tests at baseline and at least every 4 months |

Rectal Chlamydia Testing

Proportion of patients who received a rectal chlamydia test every 4 months.

| Denominator | Numerator |
|-------------------------------------|-----------------------------------------------------------------------------------|
| ○ All patients engaging in anal sex | ○ Number of patients who were tested for rectal chlamydia at least every 4 months |

Rectal Gonorrhea Testing

Proportion of patients who received a rectal gonorrhea test every 4 months.

| Denominator | Numerator |
|-------------------------------------|-----------------------------------------------------------------------------------|
| ○ All patients engaging in anal sex | ○ Number of patients who were tested for rectal gonorrhea at least every 4 months |

Pharyngeal Gonorrhea Testing

Proportion of patients who received a pharyngeal gonorrhea test every 4 months.

| Denominator | Numerator |
|-------------------------------------|---------------------------------------------------------------------------------------|
| ○ All patients engaging in oral sex | ○ Number of patients who were tested for pharyngeal gonorrhea at least every 4 months |

Renal Function Screening

Proportion of patients whose renal function was assessed for serum creatinine at baseline and every 6 months.

| Denominator | Numerator |
|----------------|------------------------------------------------------------------------------------------|
| ○ All patients | ○ Number of patients who received a serum creatinine test at baseline and every 6 months |

Urinalysis

Proportion of patients who received a urinalysis at baseline and every 6 months.

| Denominator | Numerator |
|----------------|-------------------------------------------------------------------------------|
| ○ All patients | ○ Number of patients who received a urinalysis at baseline and every 6 months |

Adherence Assessment

Proportion of patients who received an adherence assessment every 4 months.

| Denominator | Numerator |
|----------------|--------------------------------------------------------------------------|
| ○ All patients | ○ Number of patients who received an adherence assessment every 4 months |

Mental Health Screening

Proportion of patients who received a baseline and annual mental health screening.

| Denominator | Numerator |
|----------------|---------------------------------------------------------------------------------|
| ○ All patients | ○ Number of patients who received a baseline and annual mental health screening |

Substance Abuse Screening

Proportion of patients who received a baseline and annual substance abuse screening.

| Denominator | Numerator |
|----------------|-----------------------------------------------------------------------------------|
| ○ All patients | ○ Number of patients who received a baseline and annual substance abuse screening |

Domestic Violence Screening

Proportion of patients who received a baseline and annual domestic violence screening.

| Denominator | Numerator |
|----------------|-------------------------------------------------------------------------------------|
| ○ All patients | ○ Number of patients who received a baseline and annual domestic violence screening |

Linkage to care

Proportion of patients who seroconverted and were linked to HIV care within 5 days.

| Denominator | Numerator |
|----------------------------------|----------------------------------------------------------------------------------|
| ○ All patients who seroconverted | ○ Number of patients who were linked to HIV care within 5 days of seroconversion |

Patients who have not started PrEP

Patients who have not started PrEP

Eligibility: Patients who have not been prescribed PrEP but are currently enrolled in the PrEP program during the review period.

Risk Assessment

Proportion of patients who received a risk assessment regarding history of condom usage, STI, intravenous drug use, transactional sex, and Non-occupational Post-Exposure Prophylaxis (nPEP) at baseline and every 4 months afterwards.

| Denominator | Numerator |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ○ All patients | <ul style="list-style-type: none"> ○ Number of patients who received a risk assessment at least every 4 months ○ Risk assessments include: <ul style="list-style-type: none"> ○ Condom usage ○ STI history ○ Intravenous drug use history ○ Transactional sex history ○ Non-occupational Post-Exposure Prophylaxis (nPEP) history |

HIV Testing

Proportion of patients who received an HIV test every 4 months.

| Denominator | Numerator |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ○ All patients | <ul style="list-style-type: none"> ○ Number of patients who received an HIV test at least every 4 months |

HIV Testing: HIV Seroconversion (not on PrEP)

Proportion of patients testing positive for HIV.

| Denominator | Numerator |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ○ All patients who were tested for HIV | <ul style="list-style-type: none"> ○ Number of patients who test positive for HIV |

Exclusions: Patients with a known HIV infection.

Linkage to care (Seroconversions)

Proportion of patients who seroconverted and were linked to HIV care within 5 days.

| Denominator | Numerator |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ○ All patients who seroconverted | <ul style="list-style-type: none"> ○ Number of patients who were linked to HIV care within 5 days of seroconversion |

STI Screening

Proportion of patients who received a syphilis, gonorrhea, and chlamydia tests at baseline and every 4 months.

| Denominator | Numerator |
|-------------|-----------|
|-------------|-----------|

| | |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| ○ All patients | ○ Number of patients who received syphilis, gonorrhea, and chlamydia tests at baseline and at least every 4 months |
| Rectal Chlamydia Testing | |
| Proportion of patients who received a rectal chlamydia test every 4 months. | |
| Denominator | Numerator |
| ○ All patients engaging in anal sex | ○ Number of patients who were tested for rectal chlamydia at least every 4 months |
| Rectal Gonorrhea Testing | |
| Proportion of patients who received a rectal gonorrhea test every 4 months. | |
| Denominator | Numerator |
| ○ All patients engaging in anal sex | ○ Number of patients who were tested for rectal gonorrhea at least every 4 months |
| Pharyngeal Gonorrhea Testing | |
| Proportion of patients who received a pharyngeal gonorrhea test every 4 months. | |
| Denominator | Numerator |
| ○ All patients engaging in oral sex | ○ Number of patients who were tested for pharyngeal gonorrhea at least every 4 months |

General Clinic-Specific Quality Indicators

Clinic level Indicators

| <p>Clinic Level</p> <p>Eligibility: Patients are those who:</p> <ul style="list-style-type: none"> • Are in a serodiscordant relationships • Report having condomless sex • Had an STI within the past 6 months • Have injected drugs within the past 6 months • Identify as transgender and engage in high-risk sex • Engage in transactional sex • Have been prescribed non-occupational post-exposure prophylaxis (nPEP). <p>Routine Offering of PrEP</p> <p>Proportion of at risk patients who were offered PrEP.</p> <table border="1"> <thead> <tr> <th>Denominator</th> <th>Numerator</th> </tr> </thead> <tbody> <tr> <td>○ All patients</td> <td>○ Number of patients who were offered PrEP services</td> </tr> </tbody> </table> | | Denominator | Numerator | ○ All patients | ○ Number of patients who were offered PrEP services |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------|-----------|----------------|-----------------------------------------------------|
| Denominator | Numerator | | | | |
| ○ All patients | ○ Number of patients who were offered PrEP services | | | | |

Patient Experience Indicators

| <p>Patient Experience</p> <p>Eligibility: All patients enrolled in the PrEP program.</p> <p>Patient Experience</p> <p>Proportion of patients who were assessed for experience.</p> <table border="1"> <thead> <tr> <th>Denominator</th> <th>Numerator</th> </tr> </thead> <tbody> <tr> <td>○ All patients</td> <td>○ Number of patients were assessed for experience</td> </tr> </tbody> </table> <p>Stigma</p> <p>Proportion of patients who reported experiences of stigma when receiving PrEP services.</p> <table border="1"> <thead> <tr> <th>Denominator</th> <th>Numerator</th> </tr> </thead> <tbody> <tr> <td>○ All patients</td> <td>○ Number of patients who reported experiences of stigma associated with receiving PrEP services</td> </tr> </tbody> </table> <p>Access to Medication</p> <p>Proportion of patients reporting gaps in medication adherence.</p> <table border="1"> <thead> <tr> <th>Denominator</th> <th>Numerator</th> </tr> </thead> <tbody> <tr> <td>○ All patients who have been prescribed PrEP</td> <td>○ Number of patients who reported gaps in medication adherence</td> </tr> </tbody> </table> | | Denominator | Numerator | ○ All patients | ○ Number of patients were assessed for experience | Denominator | Numerator | ○ All patients | ○ Number of patients who reported experiences of stigma associated with receiving PrEP services | Denominator | Numerator | ○ All patients who have been prescribed PrEP | ○ Number of patients who reported gaps in medication adherence |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------|-----------|----------------|---------------------------------------------------|-------------|-----------|----------------|-------------------------------------------------------------------------------------------------|-------------|-----------|----------------------------------------------|----------------------------------------------------------------|
| Denominator | Numerator | | | | | | | | | | | | |
| ○ All patients | ○ Number of patients were assessed for experience | | | | | | | | | | | | |
| Denominator | Numerator | | | | | | | | | | | | |
| ○ All patients | ○ Number of patients who reported experiences of stigma associated with receiving PrEP services | | | | | | | | | | | | |
| Denominator | Numerator | | | | | | | | | | | | |
| ○ All patients who have been prescribed PrEP | ○ Number of patients who reported gaps in medication adherence | | | | | | | | | | | | |

Organizational Metrics

Organizational Indicators

Ongoing Staff Training

Staff receiving annual PrEP training.

| Denominator | Numerator |
|--------------------------------|-----------------------------------------------------|
| ○ All staff providing HIV care | ○ Number of staff that receive annual PrEP training |

Stigma Reduction Training

Staff receiving annual stigma reduction training.

| Denominator | Numerator |
|--------------------------------|-----------------------------------------------------------------|
| ○ All staff providing HIV care | ○ Number of staff that receive annual stigma reduction training |

Referral and Linkage

Proportion of patients who were linked to primary care after stopping PrEP.

| Denominator | Numerator |
|-------------------------------------------------------------------|-------------------------------------------------------------------|
| ○ Patients that have stopped taking PrEP within the review period | ○ Number of patients that are linked and referred to primary care |

Exclusions: Sites with an integrated PrEP and primary care program.

Lost to Care

Proportion of patients who were reengaged in care after missing 2 or more consecutive PrEP clinical appointments.

| Denominator | Numerator |
|--------------------------------------------------------------------------------------|----------------------------------------|
| ○ All PrEP patients who have missed 2 or more consecutive PrEP clinical appointments | ○ Number of patients reengaged in care |

Population Indicators

Patients with STIs

Proportion of patients who test positive for STIs.

| Denominator | Numerator |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ○ All patients receiving services in a PrEP program | <ul style="list-style-type: none"> ○ Number of patients who test positive for STIs |

Number of STIs

Incidence rate of STIs for PrEP patients.

| Denominator | Numerator |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ○ All patients receiving services in a PrEP program | <ul style="list-style-type: none"> ○ Number of confirmed unique diagnoses of STIs |

Linkage to Care

Proportion of identified PrEP eligible patients who were linked to PrEP services.

| Denominator | Numerator |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Patients who: <ul style="list-style-type: none"> ○ Are in a serodiscordant relationships ○ Report having condomless sex ○ Had an STI within the past 6 months ○ Have injected drugs within the past 6 months ○ Identify as transgender and engage in high-risk sex ○ Engage in transactional sex ○ Have been prescribed non-occupational post-exposure prophylaxis (nPEP). | <ul style="list-style-type: none"> ○ Number of patients who were linked to PrEP services |