**DENVER HIV RISK SCORE TOOL**
Increase HIV Screening Efficiency

### KEY POINTS
- Test everyone aged 15-65 at least once; test those at risk annually
- Use the Denver HIV Risk Score Tool to better target screening
- Ensure all HIV+ patients are linked to medical care

### WHY
1 in 6 people in the US who have HIV do not know they are infected

30% of new infections are transmitted by individuals unaware of their infection

Skarbinski, JAMA Intern Med. 2015; 175(4): 588-596

### WHO
- Screen everyone aged 15-65
- Screen persons known to be at risk annually [refer to Denver HIV Risk Score Tool]
- Screen all pregnant women and those in labor whose HIV status is unknown

U.S. Preventive Services Task Force (USPSTF) Grade A recommendations 4/2013

### HOW
**Opt-out HIV screening** is recommended over opt-in screening (USPSTF & CDC).

Additional forms are not needed for HIV testing. A general informed consent for medical care sufficiently covers informed consent for HIV.

HIV testing does not need to include prevention counseling if counseling would be a barrier to screening.

### DENVER HIV RISK SCORE TOOL

The Denver HIV Risk Score, a clinical prediction tool, can help identify patients with increased probability of undiagnosed HIV infection. This tool was developed in Denver, but validated for use in any jurisdiction.

<table>
<thead>
<tr>
<th>Score</th>
<th>Age</th>
<th>Gender</th>
<th>Self-reported race/ethnicity</th>
<th>Sex with men, women, or both?</th>
<th>Injection drugs use?</th>
<th>Ever been tested for HIV?</th>
<th>Total Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥50 points</td>
<td>22-25 or 55-60</td>
<td>Male</td>
<td>Black</td>
<td>Men or both</td>
<td>Yes</td>
<td>Yes</td>
<td>Very High Risk</td>
</tr>
<tr>
<td>40-49 points</td>
<td>26-32 or 47-54</td>
<td>Male</td>
<td>Black</td>
<td>Men or both</td>
<td>Yes</td>
<td>Yes</td>
<td>High Risk</td>
</tr>
<tr>
<td>30-39 points</td>
<td>33-46</td>
<td>Male</td>
<td>Hispanic</td>
<td>Men or both</td>
<td>Yes</td>
<td>Yes</td>
<td>Moderate Risk</td>
</tr>
<tr>
<td>20-29 points</td>
<td>40-49 points</td>
<td>Male</td>
<td>Hispanic</td>
<td>Men or both</td>
<td>Yes</td>
<td>Yes</td>
<td>Low Risk</td>
</tr>
<tr>
<td>&lt;20 points</td>
<td>&gt;50 points</td>
<td>Male</td>
<td>Hispanic</td>
<td>Men or both</td>
<td>Yes</td>
<td>Yes</td>
<td>Very Low Risk</td>
</tr>
</tbody>
</table>

Patients who score 30 points or greater should be considered at increased risk for having undiagnosed HIV infection and should be routinely offered HIV testing.

DENVER HIV RISK SCORE TOOL
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HIV SCREENING TEST OPTIONS
Verify testing practices in your institution and state

At point of care:
• A rapid HIV-1/2 antibody test or a rapid combination HIV-1/2 antibody and p24 antigen test; results available in 10-20 minutes

Using a laboratory:
• A combination HIV-1/2 antibody and p24 antigen test will identify HIV infection 1-2 weeks earlier than antibody test alone; results usually available in 1-2 days
• Confirmation of all HIV+ tests by an HIV-1/2 discrimination test; repeating the screening test with a second, but different screening test; Western blot; or viral load

ICD-10 Code for HIV Screening: Z11.4

LINKAGE TO CARE
Actively linking a newly diagnosed HIV patient to medical care is the key to optimal management and control of HIV

Linkage to Care services include facilitating:
• Enrollment in HIV medical care
• Clinical interpretation, delivery and explanation of HIV+ test results
• Baseline CD4 count and viral load screening
• Financial screening and enrollment in medical coverage
• Initial assessment of comprehensive needs
• Educational counseling on transmission risk reduction
• Connection to long term case management

HIV+
1. Order confirmatory HIV test
2. Deliver HIV+ results to the patient IN PERSON
3. Offer reassurance that HIV is a chronic disease that can be well controlled with medications and consistent care
4. Actively link patient to HIV medical care
5. Encourage partner testing

HIV-
Patients with an HIV exposure in the past 72 hours are a nPEP candidate
Patients with continued risk factors are a PrEP candidate

CDC PrEP Guidelines:

CONTACT INFORMATION
For assistance with developing customized HIV testing protocols for your facility, contact john@denverptc.org
For assistance with developing and implementing Linkage to Care programs, contact julia@denverptc.org
For assistance developing PrEP protocols for your facility, contact helen@denverptc.org
To order more Denver HIV Risk Score Tools, contact victoria@denverptc.org

INFO@DENVERPTC.ORG  |  WWW.DENVERPTC.ORG

Denver PREVENTION TRAINING CENTER

CPN BUILDING THE CAPACITY OF THE NATIONS HIV PREVENTION WORKFORCE Funded by Centers for Disease Control and Prevention